



Daffodil
International
University

Henna Artist Appointment Booking Website

Submitted By

Nishat Nayala Priyanka

ID: 201-35-2991

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

Supervised By

Dr. Imran Mahmud

Associate Professor and Head

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

A project submitted in partial fulfillment of the requirement for the degree
of Bachelor of Science in Software Engineering

Fall 2023

©All right reserved by Daffodil International University

APPROVAL

This project titled on "Henna Artist Appointment Booking Website", submitted by Nishat Nayala Priyanka (ID: 201-35-2991) to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

BOARD OF EXAMINERS



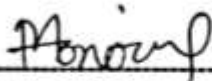
Dr. Imran Mahmud
Associate Professor & Head
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Chairman



Nuruzzaman Faruqi
Assistant Professor
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 1



Md. Monirul Islam
Assistant Professor
Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 2



Dr. Md. Sazzadur Rahman
Associate Professor
Institute of Information Technology
Jahangirnagar University

External Examiner

DECLARATION

I hereby declare that I have taken this project under the supervision of **Dr. Imran Mahmud, Associate Professor and Head, Department of Software Engineering Daffodil International University**. I also declare that I have submitted neither this project nor any part of it for award of any degree.

Nishat Nayala Priyanka

Nishat Nayala Priyanka

ID: 201-35-2991

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

Certified by:

Im

Dr. Imran Mahmud

Associate Professor and Head

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

ACKNOWLEDGEMENT

First of all, I am grateful to the Almighty Allah for making me eligible to complete this project. Then I would like to thank my supervisor **Dr. Imran Mahmud, Associate Professor and Head**. I am extremely grateful and indebted to him as he has given me his expert, sincere and valuable guidance and encouragement.

I would like to thank everyone who helped me in my project by their important suggestion. Without their passionate participation and input, the project could not be successfully conducted. I take this occasion to convey my sincere thanks to all faculty members of the Department of Software Engineering for their help and encouragement.

Table of Contents

APPROVAL.....	i
DECLARATION.....	ii
ACKNOWLEDGEMENT.....	iii
Table of Contents.....	iv
List of Figures.....	vi
List of Tables.....	ix
Chapter 1 Introduction	1
1.1 Project Overview.....	1
1.2 Project Purpose.....	1
1.1.1 Proposed System.....	1
Chapter 2 System Analysis.....	2
2.1 Feasibility Analysis.....	2
2.2 Functional Requirements.....	2
2.3 System Requirements.....	4
2.4 Non-Functional Requirements.....	4
2.5 Performance.....	5
Chapter 3 System Design.....	6
3.1 Development Model.....	6
3.1.1 Use Case Diagram.....	6
3.1.2 Use Case Descriptions.....	7
3.2 Activity Diagram.....	21
3.3 Sequence Diagram.....	35
3.4 ER Diagram.....	46
Chapter 4 Development Tools and Technologies.....	47
4.1 Integrated Development Environment (IDE).....	47
4.2 Programming Language.....	47
4.3 User interface Design.....	47
4.4 Database.....	47
4.5 Deploy and hosting.....	47
Chapter 5 System Testing.....	48
5.1 Testing Features.....	48
5.1.1 Feature to be tested.....	48

5.2 Testing Strategies.....	49
5.2.1 Test Approach.....	49
5.2.2 Pass/Fail Criteria.....	49
5.2.3 Testing Schedule.....	49
5.3 Test Cases.....	50
Chapter 6 User Manual.....	80
6.1 Landing Page.....	80
6.2 Sign-Up for Customer.....	83
6.3 Log-In for Customer.....	83
6.4 Home-Page of Customer.....	84
6.5 Profile of Customer.....	84
6.6 My Appointments of Customer.....	85
6.7 Help of Customer.....	85
6.8 Sign-Up for Artist.....	86
6.9 Log-In for Artist.....	86
6.10 Artist Dashboard.....	87
6.11 Profile of Artist.....	87
6.12 Gallery of Artist.....	88
6.13 My Appointments of Artist.....	88
6.14 Help of Artist.....	89
6.15 Admin Log-In.....	89
6.16 Admin Dashboard.....	90
6.17 Manage Appointments by Admin.....	90
Chapter 7 Conclusion.....	91
7.1 Project Link.....	91
7.2 Limitations.....	91
7.3 Future Scope.....	91
Reference.....	91

List of Figures

Figure 3.1: Use Case Diagram.....	6
Figure 3.2: Activity Diagram for Sign-Up.....	21
Figure 3.3: Activity Diagram for Log-In.....	22
Figure 3.4: Activity Diagram for Forgot Password.....	23
Figure 3.5: Activity Diagram for Dashboard Overview.....	24
Figure 3.6: Activity Diagram for Update Profile.....	24
Figure 3.7: Activity Diagram for Upload/ delete Photo to/from Gallery.....	25
Figure 3.8: Activity Diagram for Book Appointments with Artist.....	26
Figure 3.9: Activity Diagram for Manage Appointments.....	27
Figure 3.10: Activity Diagram for Cancel Appointments.....	27
Figure 3.11: Activity Diagram for Complete Session.....	28
Figure 3.12: Activity Diagram for Download Bill.....	29
Figure 3.13: Activity Diagram for Feedback.....	30
Figure 3.14: Activity Diagram for Contact Admin.....	31
Figure 3.15: Activity Diagram for Log-Out.....	31
Figure 3.16: Activity Diagram for Customer.....	32
Figure 3.17: Activity Diagram for Artist.....	33
Figure 3.18: Activity Diagram for Admin.....	34
Figure 3.19: Sequence Diagram for Sign-Up.....	35
Figure 3.20: Sequence Diagram for Log-In.....	36
Figure 3.21: Sequence Diagram for Forgot Password.....	37
Figure 3.22: Sequence Diagram for Dashboard Overview.....	38
Figure 3.23: Sequence Diagram for Update Profile.....	38

Figure 3.24: Sequence Diagram for Upload/ delete Photo to/from Gallery.....	39
Figure 3.25: Sequence Diagram for Book Appointments with Artist.....	40
Figure 3.26: Sequence Diagram for Manage Appointments.....	41
Figure 3.27: Sequence Diagram for Cancel Appointments.....	42
Figure 3.28: Sequence Diagram for Complete Session.....	43
Figure 3.29: Sequence Diagram for Download Bill.....	44
Figure 3.30: Sequence Diagram for Feedback.....	44
Figure 3.31: Sequence Diagram for Contact Admin.....	45
Figure 3.32: Sequence Diagram for Log-Out.....	45
Figure 3.33: Sequence ER Diagram.....	46
Figure 6.1: Landing Page.....	80
Figure 6.2: Landing Page.....	80
Figure 6.3: Landing Page.....	81
Figure 6.4: Landing Page.....	81
Figure 6.5: Landing Page.....	82
Figure 6.6: Landing Page.....	82
Figure 6.7: Sign-Up for Customer.....	83
Figure 6.8: Log-In for Customer.....	83
Figure 6.9: Home-Page of Customer.....	84
Figure 6.10: Profile of Customer.....	84
Figure 6.11: My Appointments of Customer.....	85
Figure 6.12: Help of Customer.....	85
Figure 6.13: Sign-Up for Artist.....	86
Figure 6.14: Log-In for Artist.....	86

Figure 6.15: Artist Dashboard.....	87
Figure 6.16: Profile of Artist.....	87
Figure 6.17: Gallery of Artist.....	88
Figure 6.18: My Appointments of Artist.....	88
Figure 6.19: Help of Artist.....	89
Figure 6.20: Admin Log-In.....	89
Figure 6.21: Admin Dashboard.....	90
Figure 6.22: Manage Appointments by Admin.....	90

List of Tables

Table 2.1: Sign-Up.....	2
Table 2.2: Log-In.....	3
Table 2.3: Forgot Password.....	3
Table 2.4: Dashboard Overview.....	3
Table 2.5: Update Profile.....	3
Table 2.6: Upload/ Delete Photo to/from Gallery.....	3
Table 2.7: Book Appointments with Artist.....	3
Table 2.8: Manage Appointments.....	3
Table 2.9: Cancel Appointments.....	4
Table 2.10: Complete Session.....	4
Table 2.11: Download Bill.....	4
Table 2.12: Feedback.....	4
Table 2.13: Contact Admin.....	4
Table 2.14: Log-Out.....	4
Table 2.15: Accessibility.....	5
Table 3.1: Sign-Up.....	7
Table 3.2: Log-In.....	8
Table 3.3: Forgot Password.....	9
Table 3.4: Dashboard Overview.....	10
Table 3.5: Update Profile.....	11
Table 3.6: Upload/ Delete Photo to/from Gallery.....	12
Table 3.7: Book Appointments with Artist.....	13
Table 3.8: Manage Appointments.....	14
Table 3.9: Cancel Appointments.....	15
Table 3.10: Complete Session.....	16
Table 3.11: Download Bill.....	17
Table 3.12: Feedback.....	18
Table 3.13: Contact Admin.....	19
Table 3.14: Log-Out.....	20
Table 5.1: Testing Schedule.....	49
Table 5.2: Phone Number Verification for Sign-Up.....	50

Table 5.3: OTP Verification for Sign-Up.....	51
Table 5.4: Sign-Up for Customer.....	52
Table 5.5: Sign-Up for Artist.....	53
Table 5.6: Log-In.....	55
Table 5.7: Log-In for Admin.....	56
Table 5.8: Phone Number Verification for “Forget Password” Option.....	57
Table 5.9: OTP Verification for “Forget Password” Option.....	58
Table 5.10: Change Password for “Forget Password” Option.....	59
Table 5.11: Update Profile for Customers.....	60
Table 5.12: Update Profile for Artists.....	61
Table 5.13: Update Prices of Packages for Artists.....	62
Table 5.14: Phone Number Verification for Changing Phone Number.....	63
Table 5.15: OTP Verification for Changing Phone Number.....	64
Table 5.16: Update Password.....	65
Table 5.17: Upload/ Delete Image to/from Gallery.....	66
Table 5.18: Book Appointment with Artist.....	67
Table 5.19: Confirm Bookings.....	68
Table 5.20: Search Appointment by ID.....	69
Table 5.21: Click on Appointment ID.....	71
Table 5.22: Manage Appointments.....	72
Table 5.23: Cancel Appointment by Customer.....	73
Table 5.24: Cancel Appointment by Artist.....	74
Table 5.25: Complete Session.....	74
Table 5.26: Complete Session with Payment.....	75
Table 5.27: Feedback.....	76
Table 5.28: Download Bill.....	77
Table 5.29: Download Excel Files.....	78
Table 5.30: Contact Admin.....	78
Table 5.31: Log-Out.....	79

Chapter 1 Introduction

The Henna Artist Appointment Booking Website named MehediShaj addresses the absence of dedicated online platforms for henna artists in Bangladesh.

1.1 Project Overview

Henna application is trending among women in Bangladesh, yet there's a lack of official webpages for local artists compared to India. Most henna artists here rely on Facebook pages to promote their service. **“Henna Artist Appointment Booking Website(MehediShaj)”** serves as an online platform enabling users to easily schedule appointments with their preferred henna artists. It offers a convenient space for henna artists to manage their business operations effectively.

1.2 Project Purpose

- Facilitating easy appointment scheduling with preferred henna artists.
- Offering a dedicated space for henna artists to efficiently manage and expand their businesses.
- Bridging the connection between clients in search of henna services and artists aiming to display their skills effectively.

1.2.1 Proposed System

“Henna Artist Appointment Booking Website(MehediShaj)” serves as an online platform where:

- Customers can schedule appointments with henna artists.
- Artists can receive appointments to provide services to customers.
- Both customers and artists can cancel their appointments.
- The admin will manage the appointments and cancellations.

Chapter 1 outlines the project's purpose, emphasizing the platform's role in enhancing accessibility and visibility for henna services, thereby filling a crucial gap in the local market.

Chapter 2 System Analysis

Chapter 2 provides a comprehensive analysis of the project's feasibility, outlines functional and system requirements and establishes non-functional requirements, ensuring a robust foundation for the development of the appointment scheduling platform.

2.1 Feasibility Analysis

Technical Feasibility:

- Basic website functionality for appointment scheduling and cancellation can be implemented using standard web technologies.
- Existing software and web development tools can support the creation of the platform.

Operational Feasibility: The proposed system would be beneficial to its users as their needs are fully satisfied. As this project satisfies all the requirements of the users it is operationally feasible. All the operational aspects are considered carefully here. Only by spending time to evaluate feasibility we will be able to reduce the chances for extreme embracement at later stages of a project. The benefits of proposed system are,

- The platform simplifies the booking process for customers and artists, streamlining operations.
- Easily accessible by both customers and artists, fostering convenience in managing appointments.

In short, the project appears feasible from both technical and operational standpoints, utilizing readily available tools and offering practical solutions for users.

2.2 Functional Requirements

Table 2.1: Sign-Up

FR 1	Sign-Up
Description	Users complete the sign-up on the website(MehediShaj) with proper information and OTP send by the website then get confirmation SMS.
Stakeholder	Henna Artist, Customers

Table 2.2: Log-In

FR 2	Log-In
Description	Users can log-in with phone number and password in this website.
Stakeholder	Henna Artists, Customers, Admin

Table 2.3: Forgot Password

FR 3	Forgot Password
Description	Users can change their password if forgotten.
Stakeholder	Henna Artists, Customers

Table 2.4: Dashboard Overview

FR 4	Dashboard Overview
Description	Users can access their respective dashboards.
Stakeholder	Henna Artists, Admin

Table 2.5: Update Profile

FR 5	Update Profile
Description	Users can update their personal details.
Stakeholder	Henna Artists, Customers

Table 2.6: Upload/ Delete Photo to/from Gallery

FR 6	Upload/ Delete Photo to/from Gallery
Description	Henna Artists can upload or delete a photo to/from the gallery.
Stakeholder	Henna Artists

Table 2.7: Book Appointments with Artist

FR 7	Book Appointments with Artist
Description	Customers can book an appointment with henna artist & receive a confirmation/cancelation SMS from the Admin.
Stakeholder	Customers

Table 2.8: Manage Appointments

FR 8	Manage Appointments
Description	Admin can manage appointment requests by accepting or rejecting them and handle cancellations.
Stakeholder	Admin

Table 2.9: Cancel Appointments

FR 9	Cancel Appointments
Description	Users can cancel their appointments.
Stakeholder	Henna Artists, Customers

Table 2.10: Complete Session

FR 10	Complete Session
Description	Henna Artists can complete the session for customers they have served.
Stakeholder	Henna Artists

Table 2.11: Download Bill

FR 11	Download Bill
Description	Customers can download bills of their appointments.
Stakeholder	Customers

Table 2.12: Feedback

FR 12	Feedback
Description	Customers can provide feedback.
Stakeholder	Customers

Table 2.13: Contact Admin

FR 13	Contact Admin
Description	Users can call or message the admin.
Stakeholder	Henna Artists, Customers

Table 2.14: Log-Out

FR 14	Log-Out
Description	Users can logged out from their website(MehediShaj) account.
Stakeholder	Henna Artists, Customers, Admin

2.3 System Requirements

Hardware: Any PC or mobile phone.

Software: Any web browser.

2.4 Non-Functional Requirements

Table 2.15: Accessibility

NFR 1	Accessibility
Description	It Should be easily accessible from everywhere where internet is available.
Stakeholder	Henna Artists, Customers, Admin

2.5 Performance

- All services will be provided without interruption by the system.
- The product is based on web and can be run from any browser.
- The product shall take initial loading time depending on internet connection strength which is need for the user to login.
- The performance shall depend upon the hardware and the software components of the user.

In conclusion, the project demonstrates technical and operational feasibility, specifies detailed functional requirements catering to various stakeholders and defines system and non-functional requirements for optimal performance and accessibility, setting the stage for successful implementation.

Chapter 3 System Design

Chapter 3 outlines the system design, encompassing use case diagrams, activity diagrams, sequence diagrams and an ER diagram for a comprehensive understanding of the project's structure.

3.1 Development Model

3.1.1 Use Case Diagram

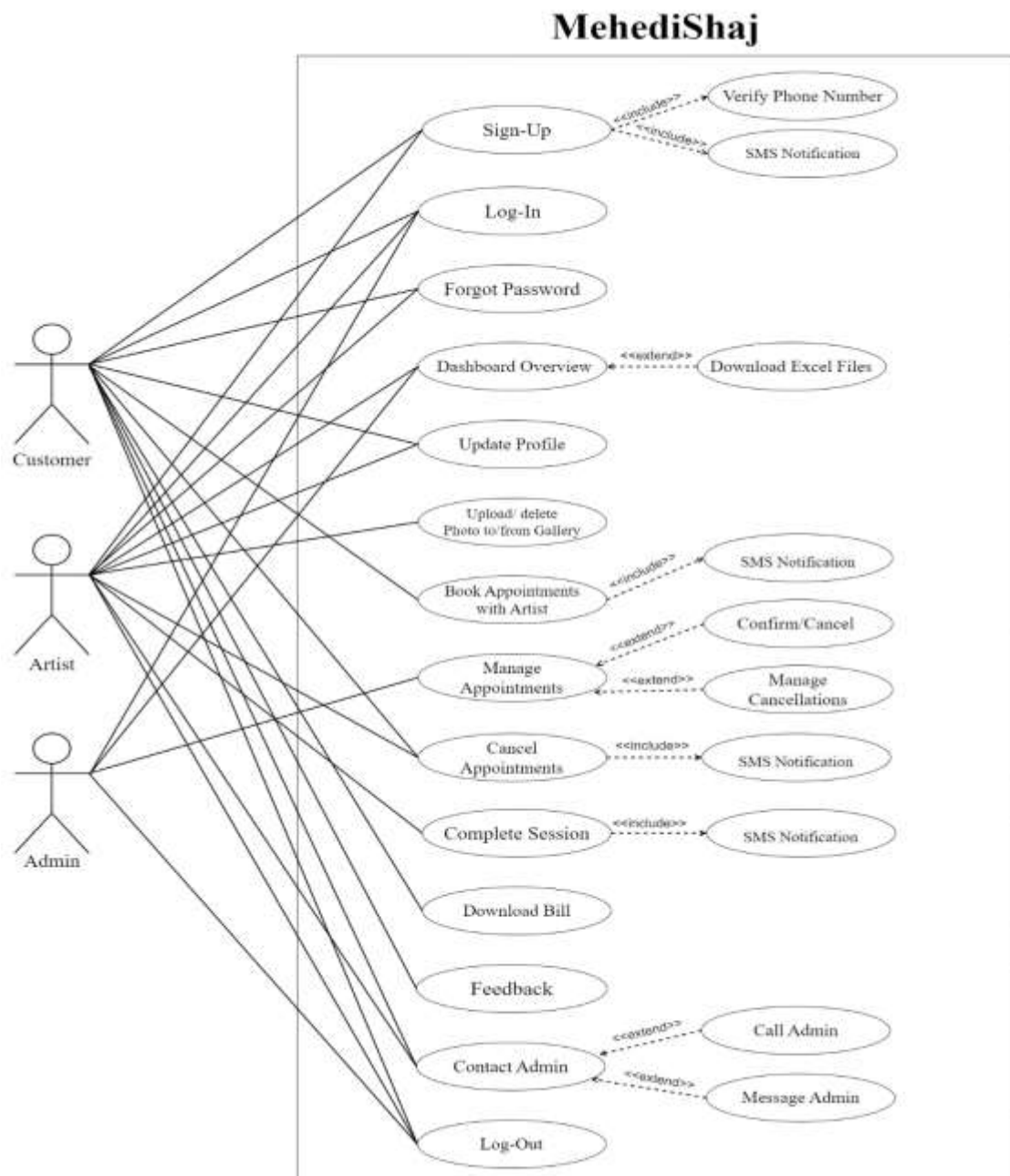


Figure 3.1: Use Case Diagram

3.1.2 Use Case Descriptions

Table 3.1: Sign-Up

Use Case	Sign-Up	
Goal	Enable successful sign-up for both customers and artists on the website(MehediShaj)	
Preconditions	Users(Customers or Artists) must provide a valid phone number & must receive a one-time OTP for verification	
Success End Condition	Users complete the sign-up process successfully on the website(MehediShaj).	
Failed End Condition	<ul style="list-style-type: none"> • Users do not receive the OTP • Incorrect OTP input 	
Primary Actors:	Artists, Customers	
Secondary Actors:	N/A	
Trigger	Click on “Sign-Up”	
Description/ Main Success Scenario	Step	Action
	1	Click on “Sign-Up”
	2	Input a valid phone number
	3	The website(MehediShaj) sends a sign-up OTP SMS to the user’s phone
	4	Input the OTP received and fill out the "sign-up" form
	5	Receive a confirmation SMS
Alternative Flows	6	User is redirected to the “Log-In” page
	Step	Branching Action
	3a	User does not receive the OTP
	3a1	Return to the "Phone Number Verification" page to complete the "Sign-Up" process
	4a	OTP do not match
4a1	Input the correct OTP to proceed and complete the "Sign-Up" process	
Quality Requirements	Step	Requirement
	2	The user should input a valid phone number

Table 3.2: Log-In

Use Case	Log-In	
Goal	Enable customers, artists and admin to access the website(MehediShaj) by logging in	
Preconditions	User(Customers or Artists or Admin) must complete the “Sign-Up” process	
Success End Condition	User successfully logs into the website(MehediShaj) and gains access to their respective dashboard	
Failed End Condition	User's phone number, password or both do not match the stored credentials	
Primary Actors:	Artists, Customers, Admin	
Secondary Actors:	N/A	
Trigger	Click on “Log-In”	
Description/ Main Success Scenario	Step	Action
	1	Click on “Log-In”
	2	Input phone number & password
	3	The website(MehediShaj) verifies the input
	4	User successfully logs into the website(MehediShaj) and is redirected to their dashboard
Alternative Flows	Step	Branching Action
	3a	User’s phone number or password or both do not match
	3a1	The website(MehediShaj) notifies the user that the log-in information is incorrect
	3a2	Complete “Log-In” with valid phone number & correct password
Quality Requirements	Step	Requirement
	2	The user must input the correct phone number & password for a successful login

Table 3.3: Forgot Password

Use Case	Forgot Password	
Goal	Enable both customers and artists to change their password if forgotten	
Preconditions	Users(Customers or Artists) must provide the registered phone number & must receive a one-time OTP for verification	
Success End Condition	Users change their password	
Failed End Condition	User is unable to change her password	
Primary Actors:	Artists, Customers	
Secondary Actors:	N/A	
Trigger	Click on “Forgot Password”	
Description/ Main Success Scenario	Step	Action
	1	Click on “Forgot Password”
	2	Input the registered phone number
	3	The website(MehediShaj) sends a forgot password OTP SMS to the user’s phone
	4	Input the OTP received and input new password
	5	User is redirected to the “Log-In” page
Alternative Flows	Step	Branching Action
	3a	User does not receive the OTP
	3a1	Return to the "Phone Number Verification" page to complete the process
	4a	OTP do not match
	4a1	Input the correct OTP to proceed and complete the process
Quality Requirements	Step	Requirement
	2	The user should input registered phone number

Table 3.4: Dashboard Overview

Use Case	Dashboard Overview	
Goal	Allow registered artists and admin to access their respective dashboards	
Preconditions	User(Artists or Admin) must be registered & logged into their website(MehediShaj) account	
Success End Condition	User successfully views their dashboard	
Failed End Condition	User is unable to view their dashboard	
Primary Actors:	Artists, Admin	
Secondary Actors:	N/A	
Trigger	User log-in to their website(MehediShaj) account	
Description/ Main Success Scenario	Step	Action
	1	User log-in to their website(MehediShaj) account
	2	User accesses their dashboard
Alternative Flows	Step	Branching Action
	1a	Invalid log-in
	1a1	The website(MehediShaj) notifies the user that the login information is incorrect
	1a2	Complete “Log-In” successfully & access the dashboard
Quality Requirements	Step	Requirement
	1	The user must input the correct phone number & password during the login process for successful access to the dashboard

Table 3.5: Update Profile

Use Case	Update Profile	
Goal	Enable artists and customers to modify their personal details within the website(MehediShaj)	
Preconditions	The user(Artists or Customers) must be logged into their website(MehediShaj) account	
Success End Condition	The user successfully updates their personal details	
Failed End Condition	The user's personal details remain unchanged	
Primary Actors:	Artists, Customers	
Secondary Actors:	N/A	
Trigger	The user logs into their website(MehediShaj) account & click on "Profile"	
Description/ Main Success Scenario	Step	Action
	1	The user logs into their website(MehediShaj) account & click on "Profile"
	2	Retype User Information
	3	Click on "Save" button
	4	Personal details are successfully changed
Alternative Flows	Step	Branching Action
	4a	Personal details remain unchanged
	4a1	Try again
Quality Requirements	Step	Requirement
	1	The user must input the correct phone number & password during the login

Table 3.6: Upload/ Delete Photo to/from Gallery

Use Case	Upload/ Delete Photo to/from Gallery	
Goal	Allow artists to manage photos by uploading or deleting them to /from the gallery	
Preconditions	Artists must be logged into their website(MehediShaj) account	
Success End Condition	The user successfully uploads or deletes a photo to/from the gallery	
Failed End Condition	The user is unable to upload or delete a photo to/from the gallery	
Primary Actors:	Artists	
Secondary Actors:	N/A	
Trigger	Artist logs into their website(MehediShaj) account & click on "Gallery"	
Description/ Main Success Scenario	Step	Action
	1	Artist logs into their website(MehediShaj) account & click on "Gallery"
	2	Upload/ delete photo to/from gallery
Alternative Flows	Step	Branching Action
	2a	Photo don't uploaded/ deleted
	2a1	Try again
Quality Requirements	Step	Requirement
	1	Artist must input the correct phone number & password during the login process

Table 3.7: Book Appointments with Artist

Use Case	Book Appointments with Artist	
Goal	Allow customers to book an appointment & receive a confirmation/cancelation SMS from the Admin	
Preconditions	Customers must be logged into their website(MehediShaj) account	
Success End Condition	Customer receives a confirmation/cancelation SMS from the Admin	
Failed End Condition	<ul style="list-style-type: none"> ❖ Customer does not receive a confirmation/cancelation SMS from the Admin ❖ Desired date is not available for the chosen artist 	
Primary Actors:	Customers	
Secondary Actors:	N/A	
Trigger	Customer logs into their website(MehediShaj) account & select “Henna Artist”	
Description/ Main Success Scenario	Step	Action
	1	The user logs into their website(MehediShaj) account & select “Henna Artist”
	2	Chooses date, time & package
	3	Input address & click on “Book Now”
	4	Select payment method & input payment transaction id
	5	Click on “Confirm”
Alternative Flows	Step	Branching Action
	2a	Desired date is not available
	2a1	Choose another date
Quality Requirements	Step	Requirement
	1	Customer must input the correct phone number & password during the login process

Table 3.8: Manage Appointments

Use Case	Manage Appointments	
Goal	Allow admin to manage appointment requests by accepting or rejecting them and to handle cancellations	
Preconditions	<ul style="list-style-type: none"> ❖ Admin must log into the admin panel ❖ Admin has received an appointment request or refund/compensate SMS 	
Success End Condition	The admin successfully manages appointments by accepting or rejecting them and handling cancellations	
Failed End Condition	The admin is unable to manage appointment by accepting or rejecting them & managing cancellation	
Primary Actors:	Admin	
Secondary Actors:	N/A	
Trigger	Admin receives an appointment request or refund/compensate SMS and logs into the admin panel	
Description/ Main Success Scenario	Step	Action
	1	Admin receives an appointment request or refund SMS and logs into the admin panel
	2	Searches for the appointment by ID or click on the appointment ID
	3	If it's an unconfirmed appointment then check if the payment is done & confirm/cancel it
	4	If it's an cancelled appointment then compensate artist(cancelled-by-customer) or refund customer(cancelled-by-artist)
Alternative Flows	Step	Branching Action
	3a	The admin is unable to confirm/cancel appointments
	3a1	Retry the confirmation or cancellation process
	4a	The admin is unable to provide refund/compensate
	4a1	Retry the refund/compensate process
Quality Requirements	Step	Requirement
	1	Admin must input the correct password during the login process

Table 3.9: Cancel Appointments

Use Case	Cancel Appointments	
Goal	Enable customers and artists to cancel their Appointments	
Preconditions	Users(Customers or Artists) must be logged into their website(MehediShaj) account	
Success End Condition	User successfully cancel the Appointment	
Failed End Condition	User is unable to cancel the Appointment	
Primary Actors:	Artists, Customers	
Secondary Actors:	N/A	
Trigger	The user logs into their website(MehediShaj) account & click “My Appointments”	
Description/ Main Success Scenario	Step	Action
	1	The user logs into their website(MehediShaj) account & click “My Appointments”
	2	Click “Cancel Appointment” from upcoming appointments
Alternative Flows	Step	Branching Action
	2a	Appointment is not cancelled
	2a1	Try again
Quality Requirements	Step	Requirement
	1	The user must input the correct phone number & password during the login process

Table 3.10: Complete Session

Use Case	Complete Session	
Goal	Enable artists to finalize sessions for customers after providing services	
Preconditions	<ul style="list-style-type: none"> ❖ The Artists must be logged into their website(MehediShaj) account ❖ Artists must have rendered services to the customer 	
Success End Condition	Artists successfully complete the session for customers they have served	
Failed End Condition	<ul style="list-style-type: none"> ❖ Artists are unable to finalize the session for customers they've just served ❖ Customers do not receive the OTP necessary to complete the session 	
Primary Actors:	Artists	
Secondary Actors:	N/A	
Trigger	Artist logs into their website(MehediShaj) account & click on “Complete Session”	
Description/ Main Success Scenario	Step	Action
	1	Artist logs into their website(MehediShaj) account & click on “Complete Session”
	2	Input the OTP received from customer & then click on the "Verify" button
	3	Enters the payment amount and clicks on the "Complete Session" button
Alternative Flows	Step	Branching Action
	2a	Customer does not receive the OTP from website(MehediShaj)
	2a1	Try again
Quality Requirements	Step	Requirement
	1	The user must input the correct phone number & password during the login process

Table 3.11: Download Bill

Use Case	Download Bill	
Goal	Enable logged-in customers to download their bill of appointments from the website(MehediShaj)	
Preconditions	Customers must be logged into their website(MehediShaj) account	
Success End Condition	Customers successfully download bill	
Failed End Condition	Customers are unable to download bill	
Primary Actors:	Customers	
Secondary Actors:	N/A	
Trigger	Customer logs into their website(MehediShaj) account & click “My Appointments”	
Description/ Main Success Scenario	Step	Action
	1	Customer logs into their website(MehediShaj) account & click “My Appointments”
	2	Click “Download Bill” from all appointments
Alternative Flows	Step	Branching Action
	2a	Bill is not downloaded
	2a1	Try again
Quality Requirements	Step	Requirement
	1	Customer must input the correct phone number & password during the login process for

Table 3.12: Feedback

Use Case	Feedback	
Goal	Enable logged-in customers to provide feedback	
Preconditions	Customers must be logged into their website(MehediShaj) account	
Success End Condition	Customers successfully provide feedback	
Failed End Condition	Customers are unable to provide feedback	
Primary Actors:	Customers	
Secondary Actors:	N/A	
Trigger	Customer logs into their website(MehediShaj) account & click “My Appointments”	
Description/ Main Success Scenario	Step	Action
	1	Customer logs into their website(MehediShaj) account & click “My Appointments”
	2	Click “Rate Now” from all appointments
	3	Fills out the Feedback Form & click on "Submit" button
Alternative Flows	Step	Branching Action
	3a	Feedback submission fails
	3a1	Try again
Quality Requirements	Step	Requirement
	1	Customer must input the correct phone number & password during the login process for

Table 3.13: Contact Admin

Use Case	Contact Admin	
Goal	Allow logged-in customers and artists to directly communicate with the admin via call or message	
Preconditions	Users(Customers or Artists) must be logged into their website(MehediShaj) account	
Success End Condition	Users successfully initiate a call or message to the admin	
Failed End Condition	Users are unable to initiate a call or message to the admin	
Primary Actors:	Customers, Artists	
Secondary Actors:	N/A	
Trigger	User logs into their website(MehediShaj) account & click “Help”	
Description/ Main Success Scenario	Step	Action
	1	User logs into their website(MehediShaj) account & click “Help”
	2	Initiates a call or message to the admin
Alternative Flows	Step	Branching Action
	2a	The attempt to call or message the admin fails
	2a1	Try again
Quality Requirements	Step	Requirement
	1	The user must input the correct phone number & password during the login process

Table 3.14: Log-Out

Use Case	Log-Out	
Goal	Enable artists, customers and admin to log out from their website(MehediShaj) account	
Preconditions	User(Artists or Customers or Admin) must be logged into their website(MehediShaj) account	
Success End Condition	User successfully logged out from their website(MehediShaj) account	
Failed End Condition	User is unable to log out from their website(MehediShaj) account	
Primary Actors:	Artists, Customers, Admin	
Secondary Actors:	N/A	
Trigger	Click on “Log-Out”	
Description / Main Success Scenario	Step	Action
	1	Click on “Log Out”
	2	Log-Out successfully & redirect to “Log-In” page
Alternative Flows	Step	Branching Action
	2a	User did not log-out successfully
	2a1	Refresh the page & try again
Quality Requirements	Step	Requirement
	1	N/A

3.2 Activity Diagram

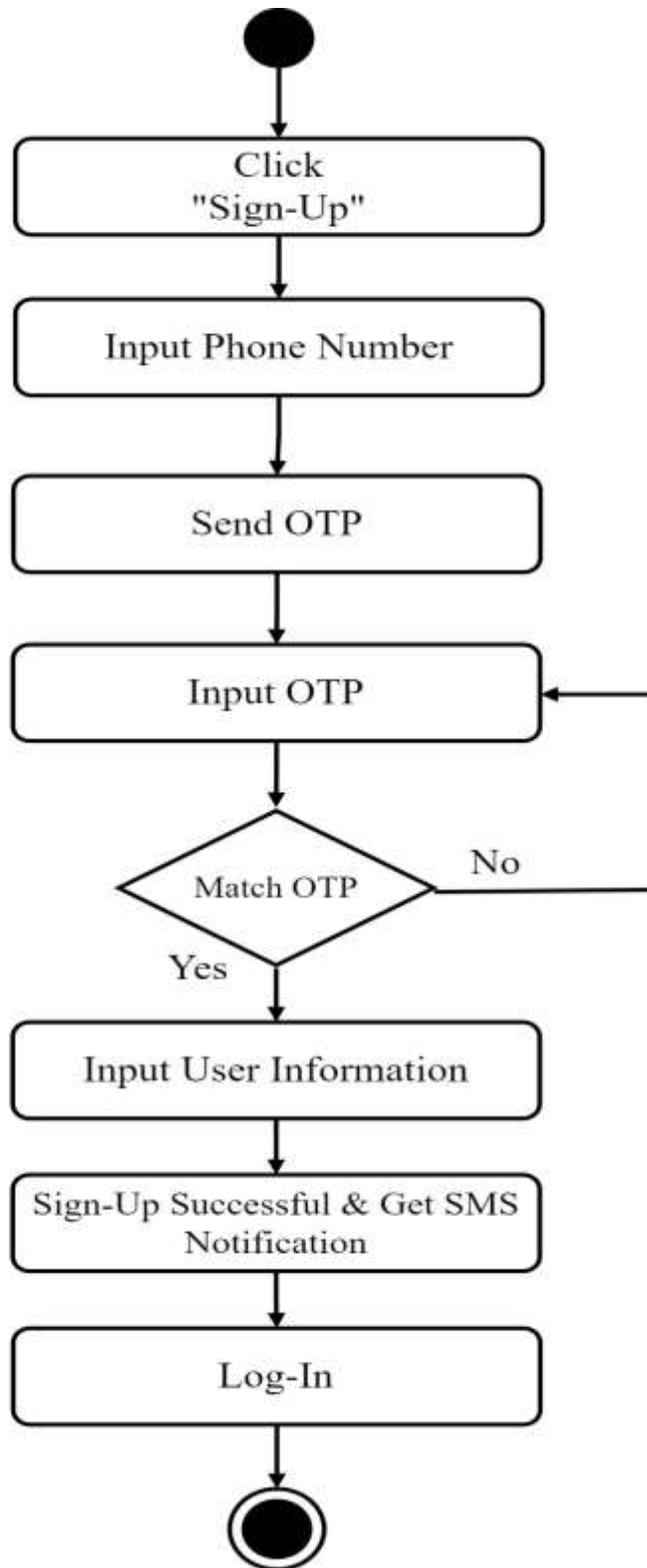


Figure 3.2: Activity Diagram for Sign-Up

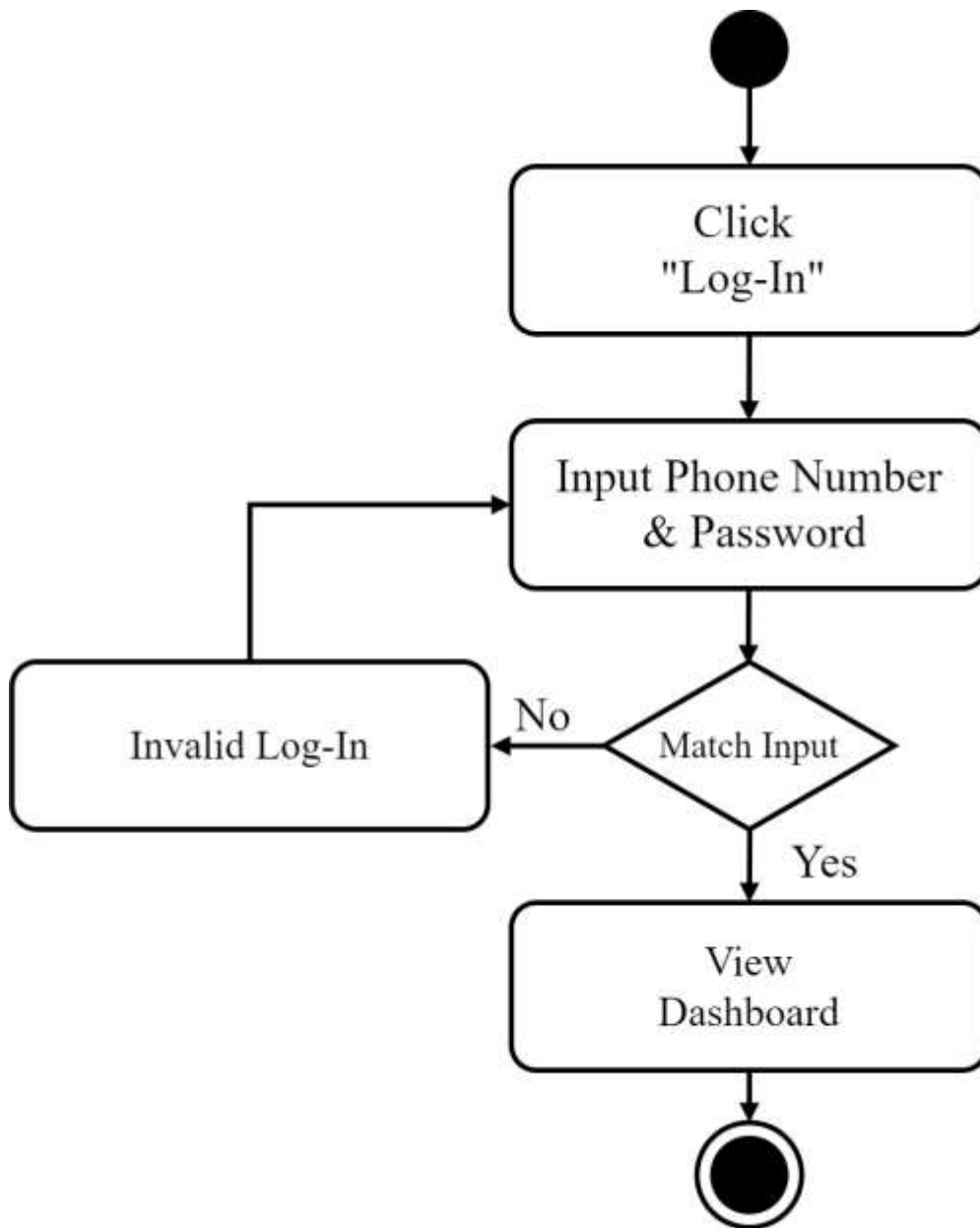


Figure 3.3: Activity Diagram for Log-In

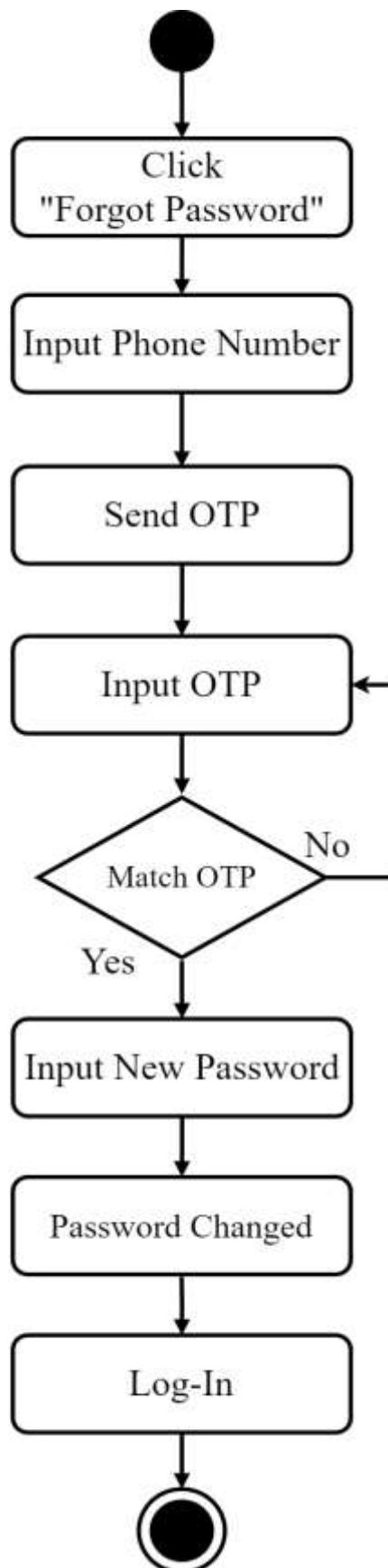


Figure 3.4: Activity Diagram for Forgot Password

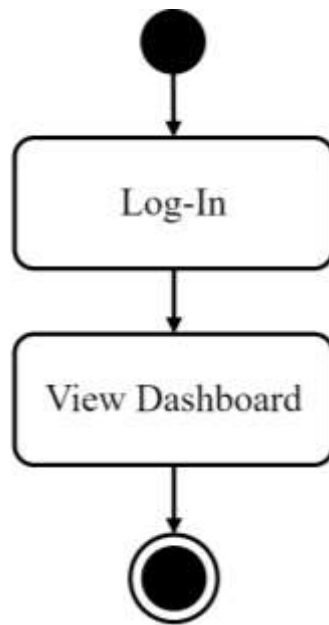


Figure 3.5: Activity Diagram for Dashboard Overview

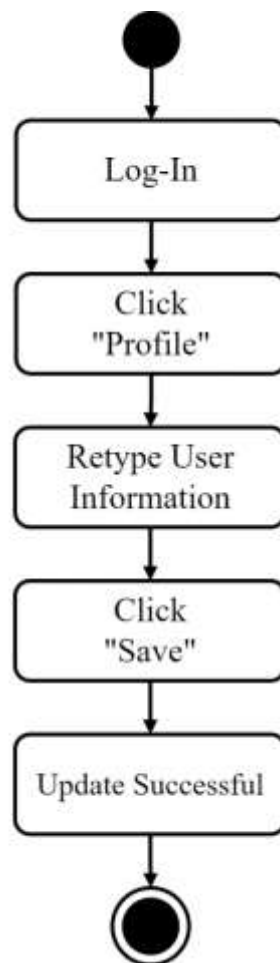


Figure 3.6: Activity Diagram for Update Profile

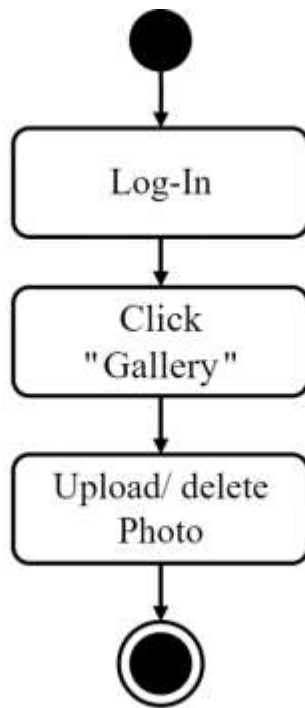


Figure 3.7: Activity Diagram for Upload/ delete Photo to/from Gallery

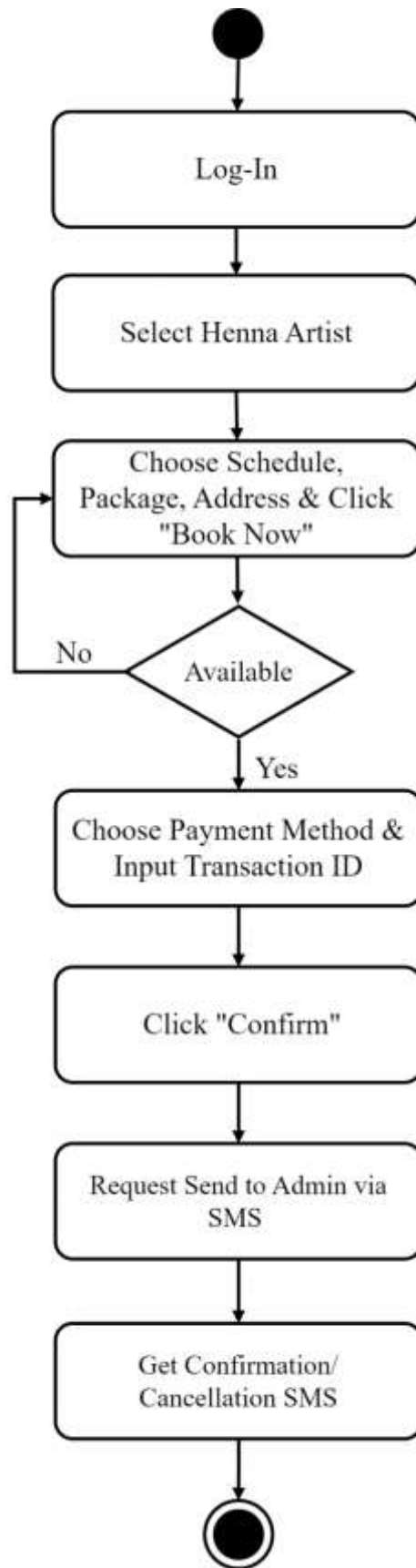


Figure 3.8: Activity Diagram for Book Appointments with Artist

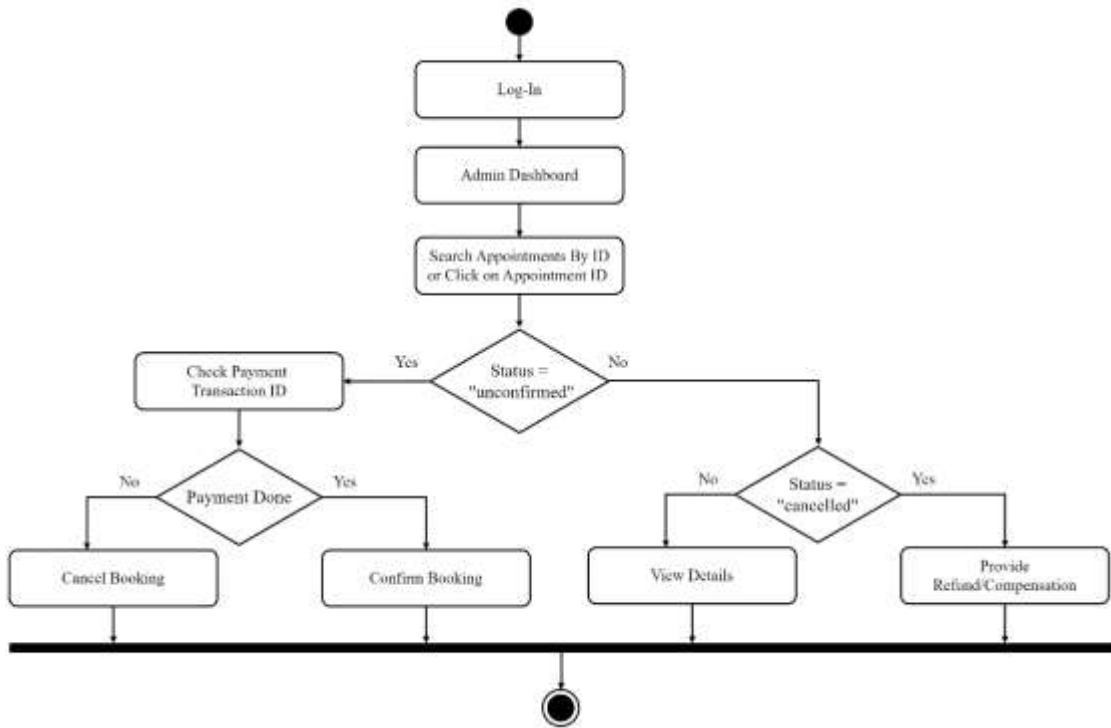


Figure 3.9: Activity Diagram for Manage Appointments



Figure 3.10: Activity Diagram for Cancel Appointments

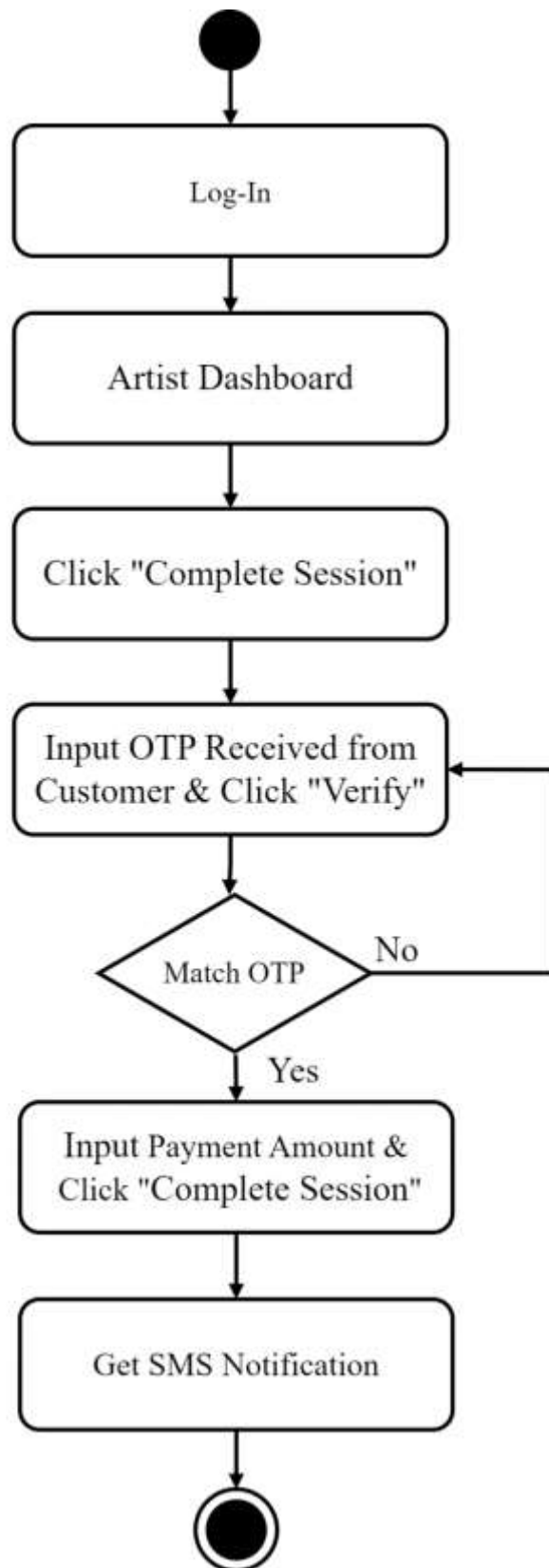


Figure 3.11: Activity Diagram for Complete Session

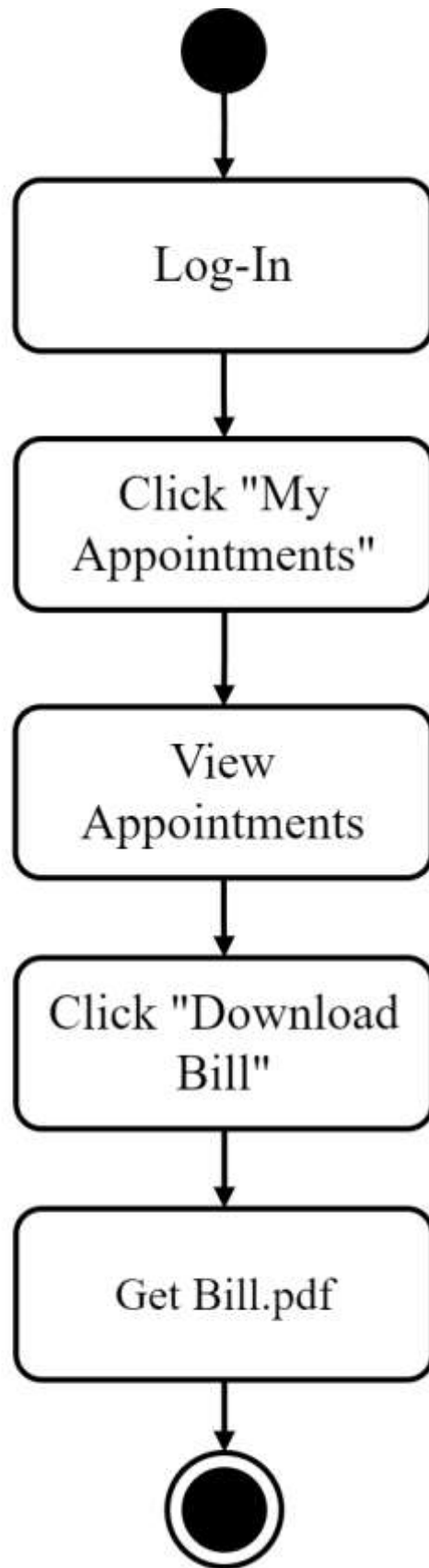


Figure 3.12: Activity Diagram for Download Bill

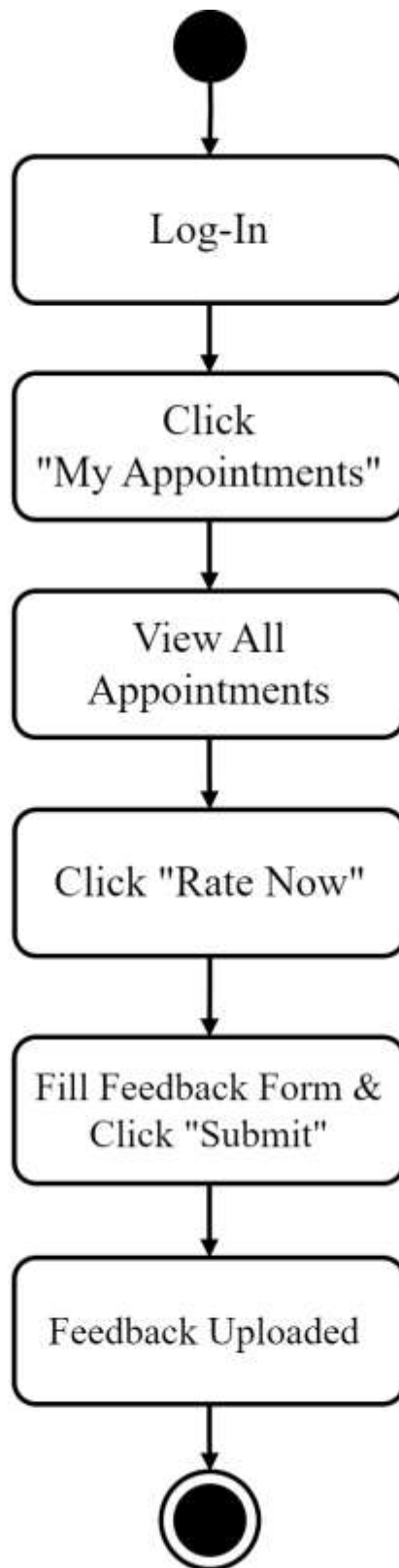


Figure 3.13: Activity Diagram for Feedback

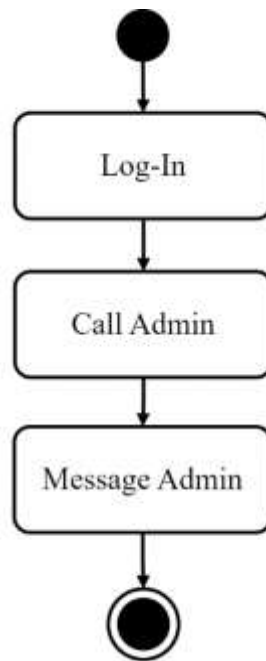


Figure 3.14: Activity Diagram for Contact Admin

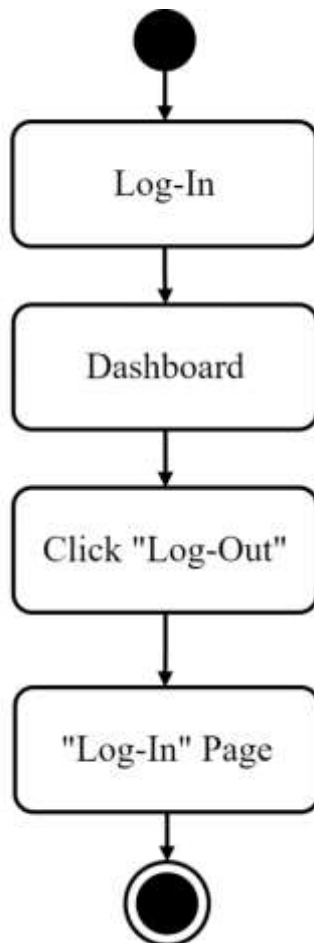


Figure 3.15: Activity Diagram for Log-Out

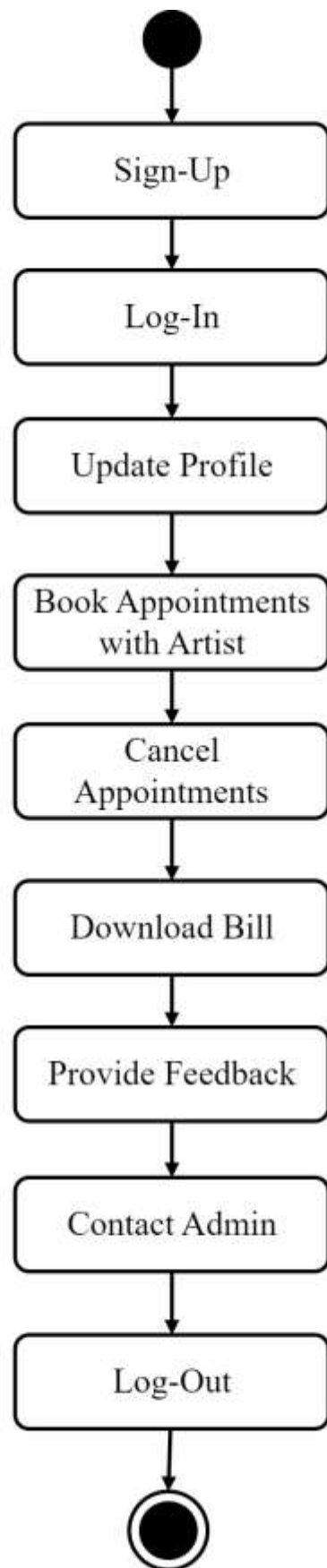


Figure 3.16: Activity Diagram for Customer

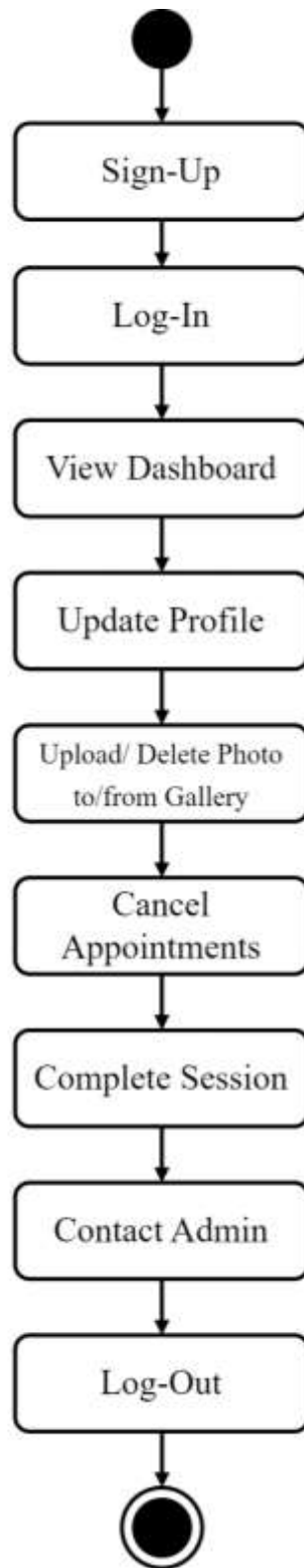


Figure 3.17: Activity Diagram for Artist

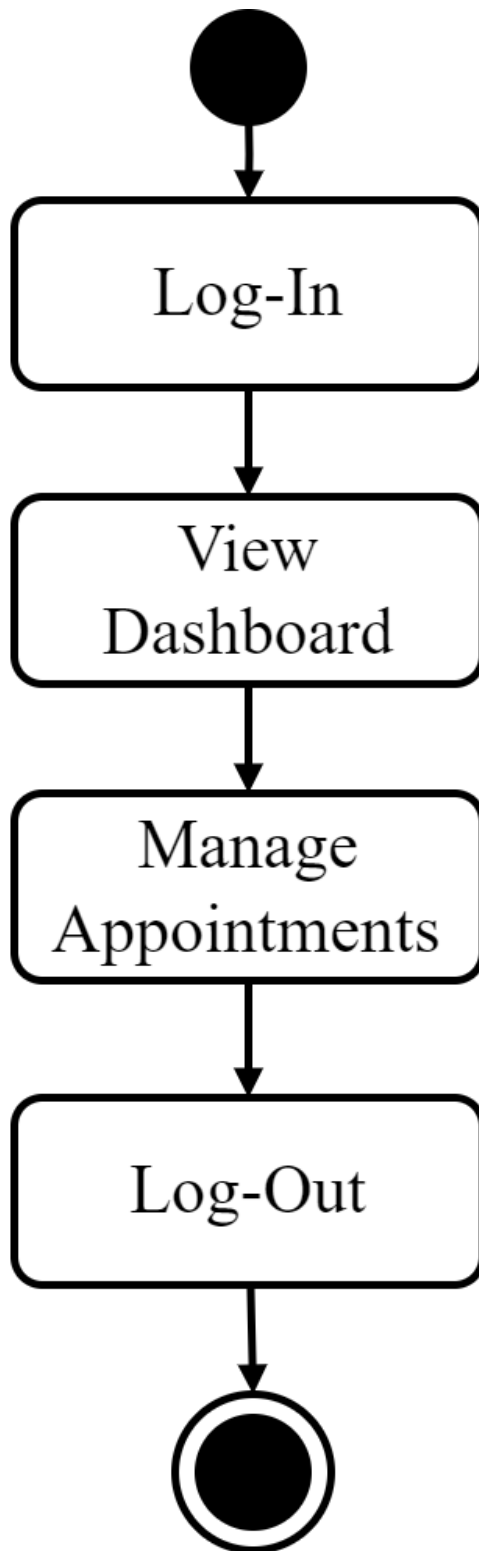


Figure 3.18: Activity Diagram for Admin

3.3 Sequence Diagram

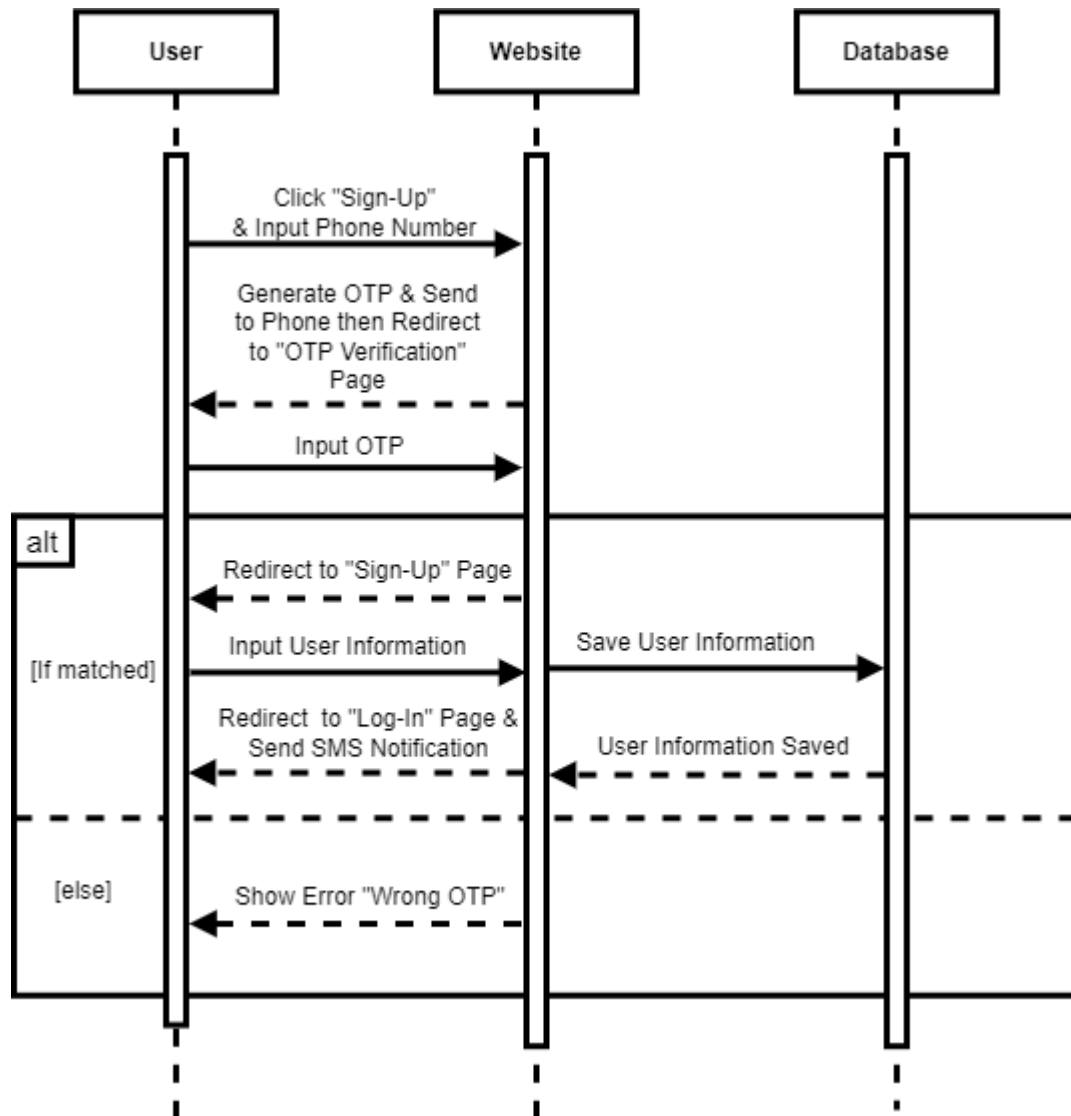


Figure 3.19: Sequence Diagram for Sign-Up

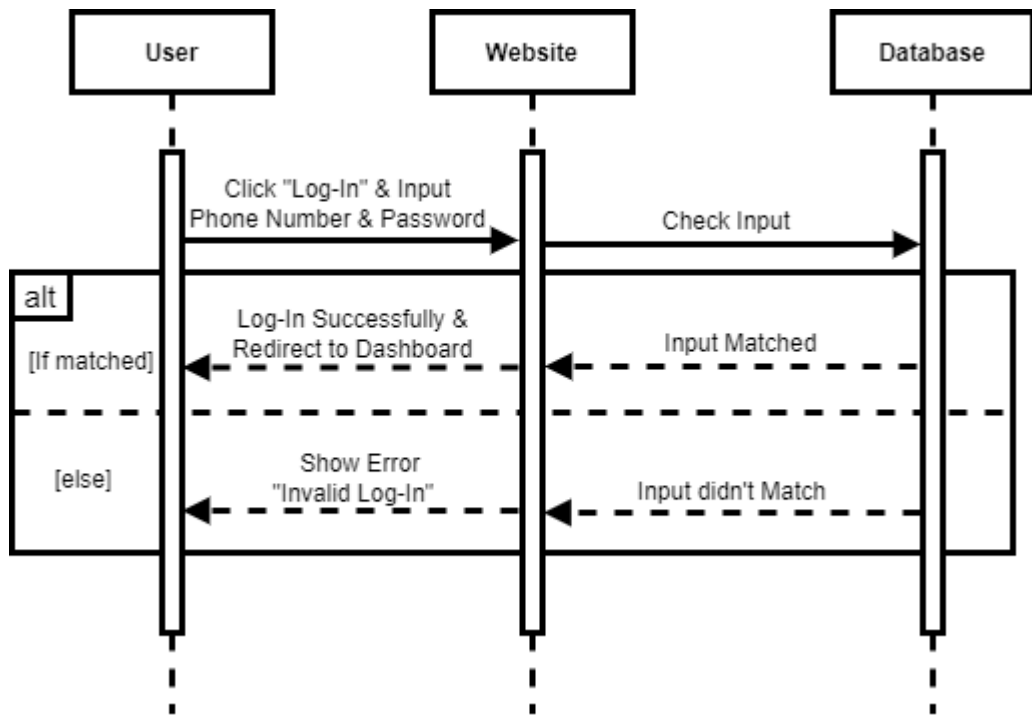


Figure 3.20: Sequence Diagram for Log-In

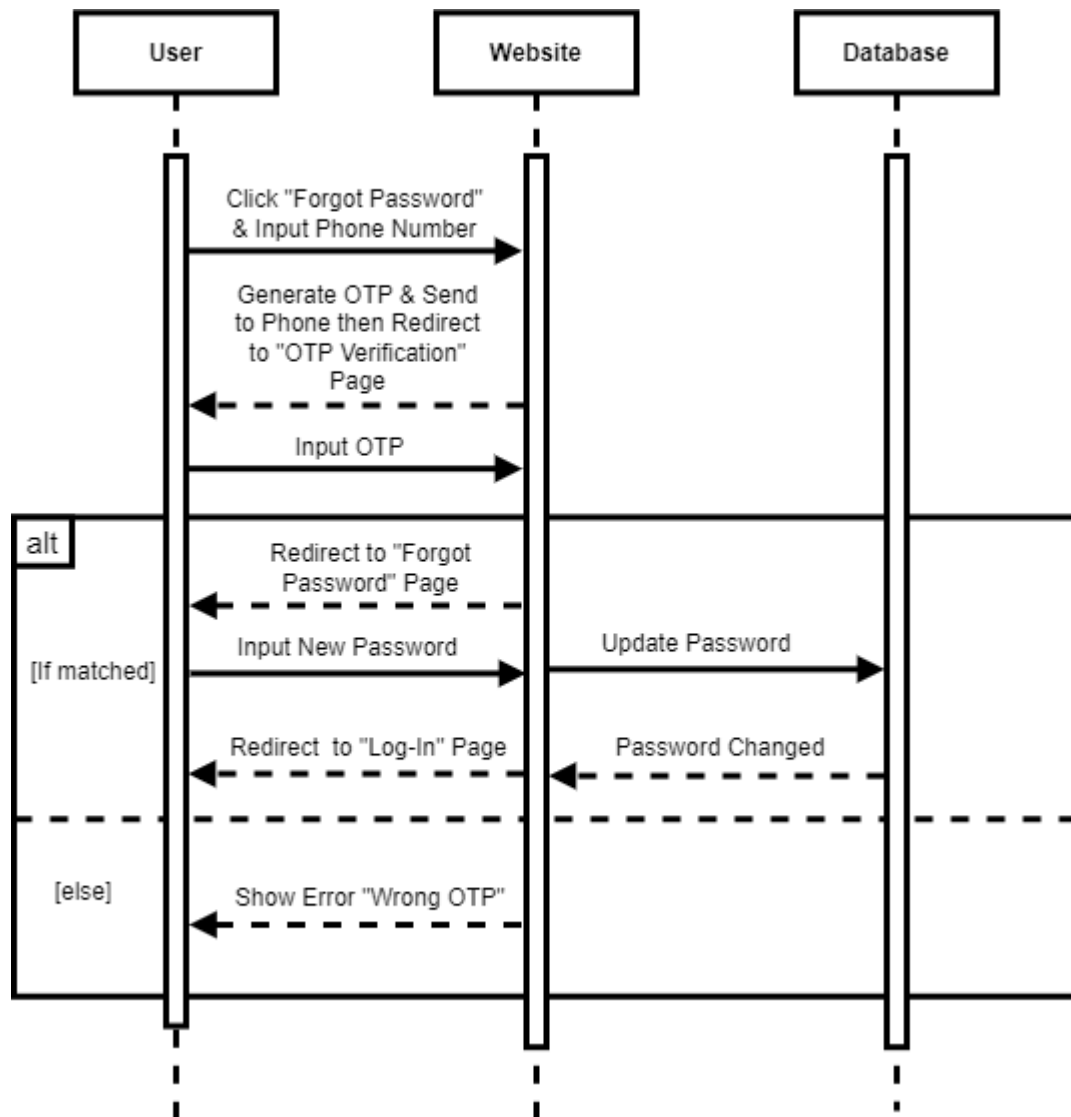


Figure 3.21: Sequence Diagram for Forgot Password

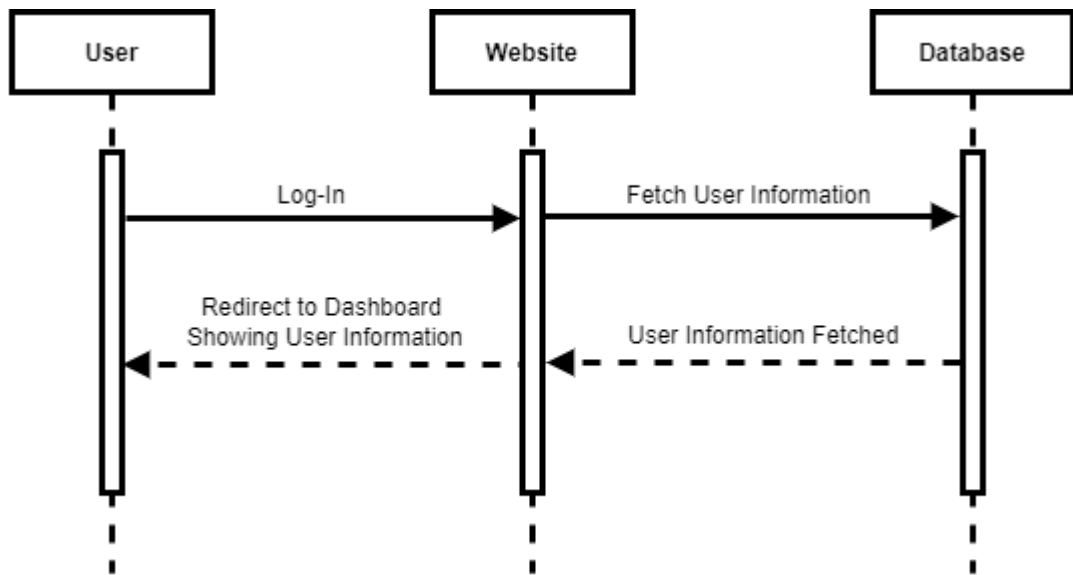


Figure 3.22: Sequence Diagram for Dashboard Overview

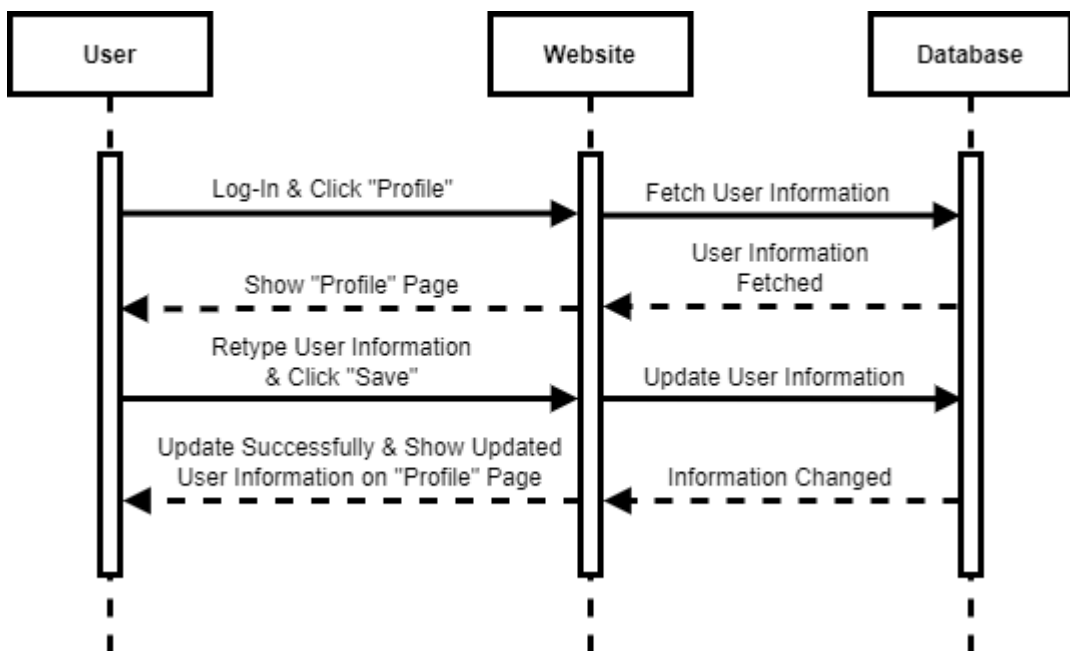


Figure 3.23: Sequence Diagram for Update Profile

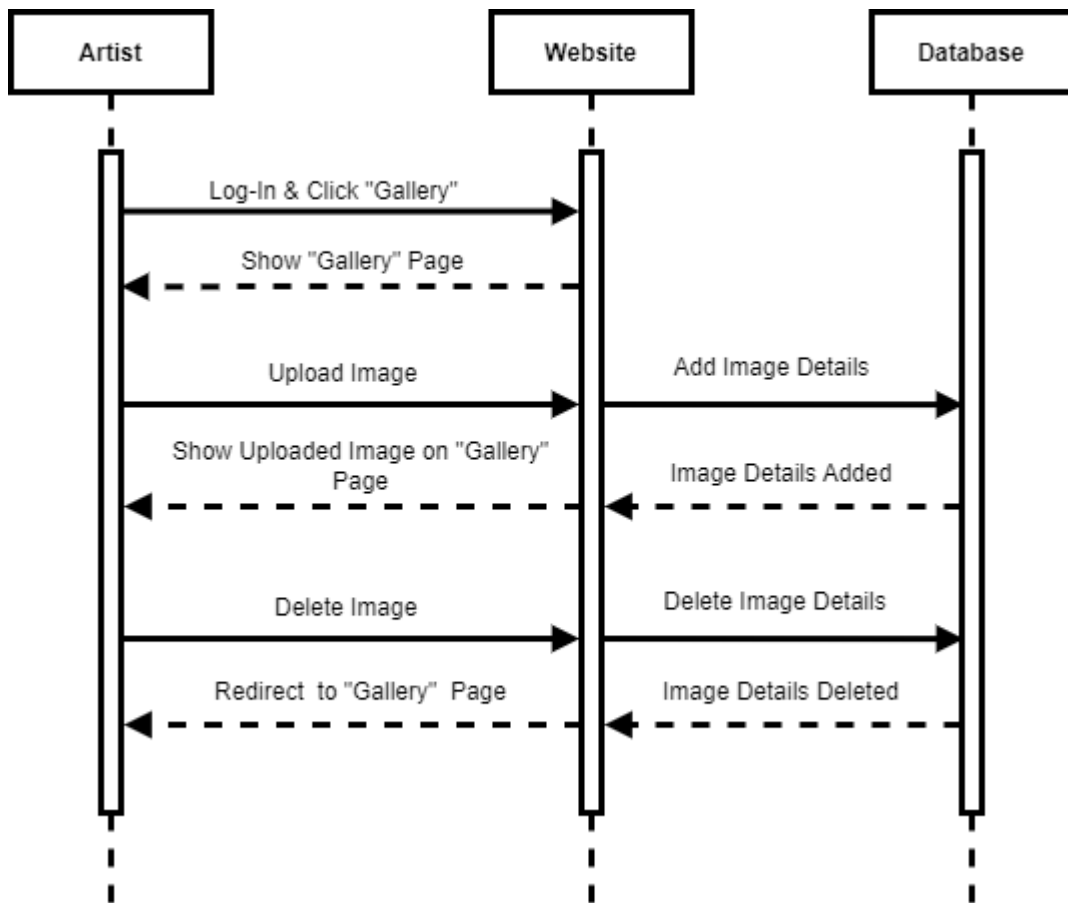


Figure 3.24: Sequence Diagram for Upload/ delete Photo to/from Gallery

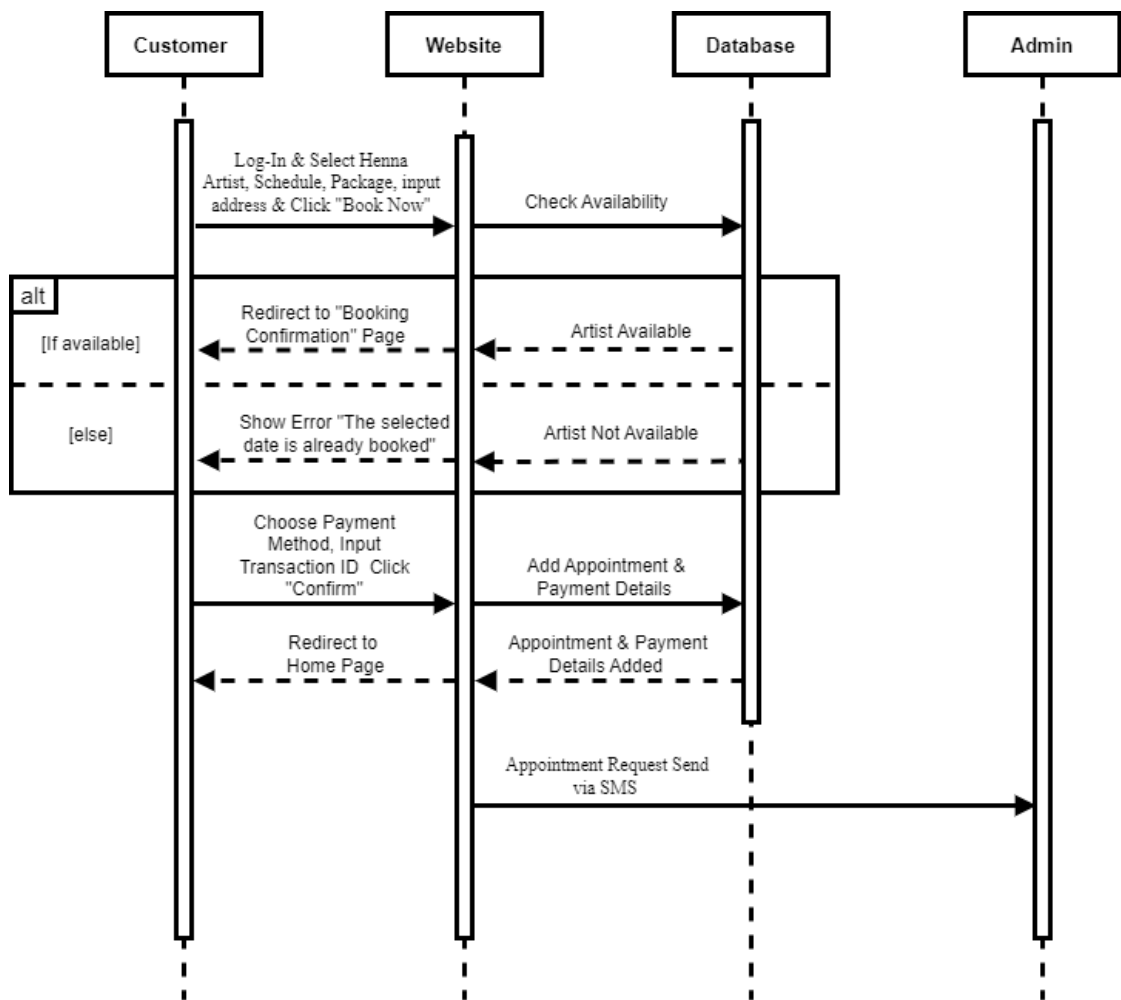


Figure 3.25: Sequence Diagram for Book Appointments with Artist

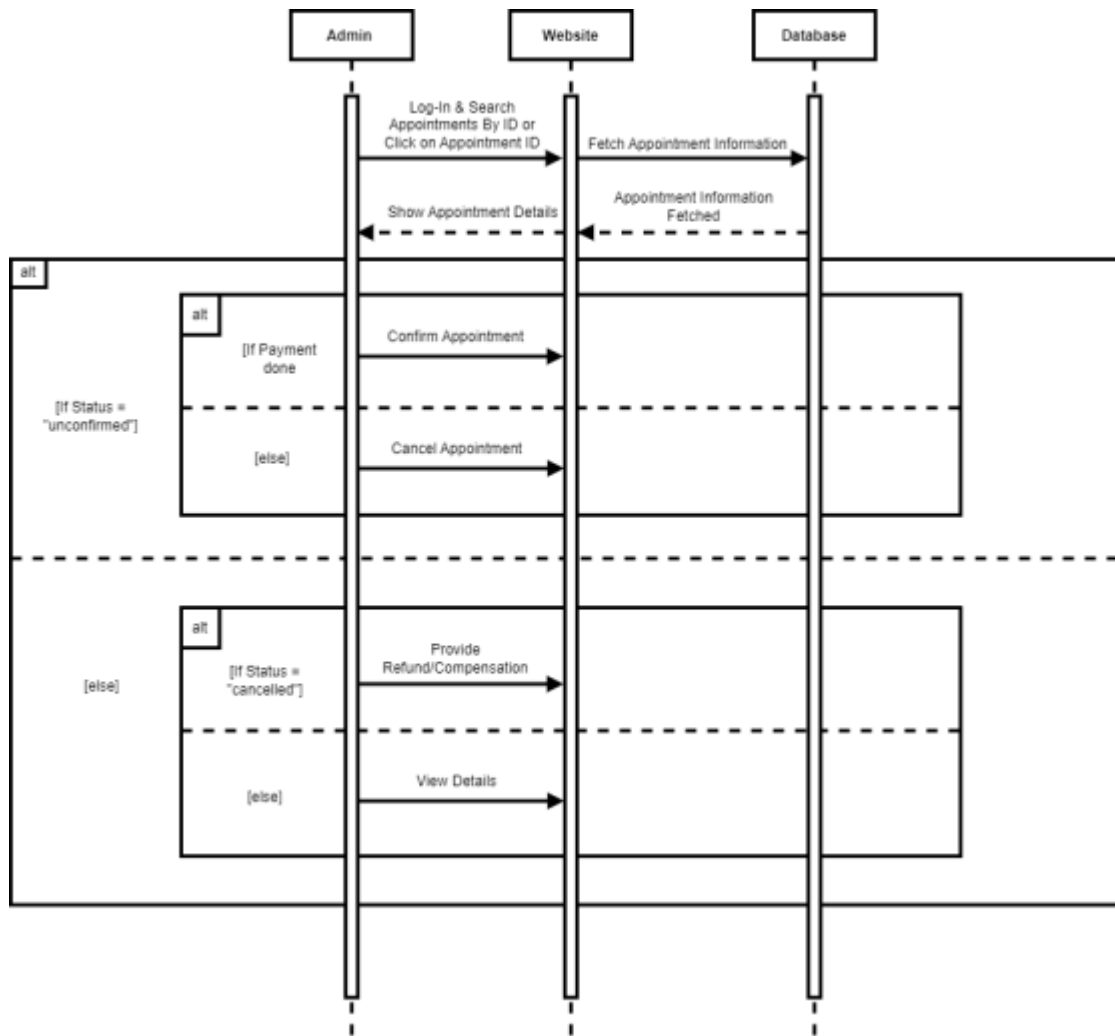


Figure 3.26: Sequence Diagram for Manage Appointments

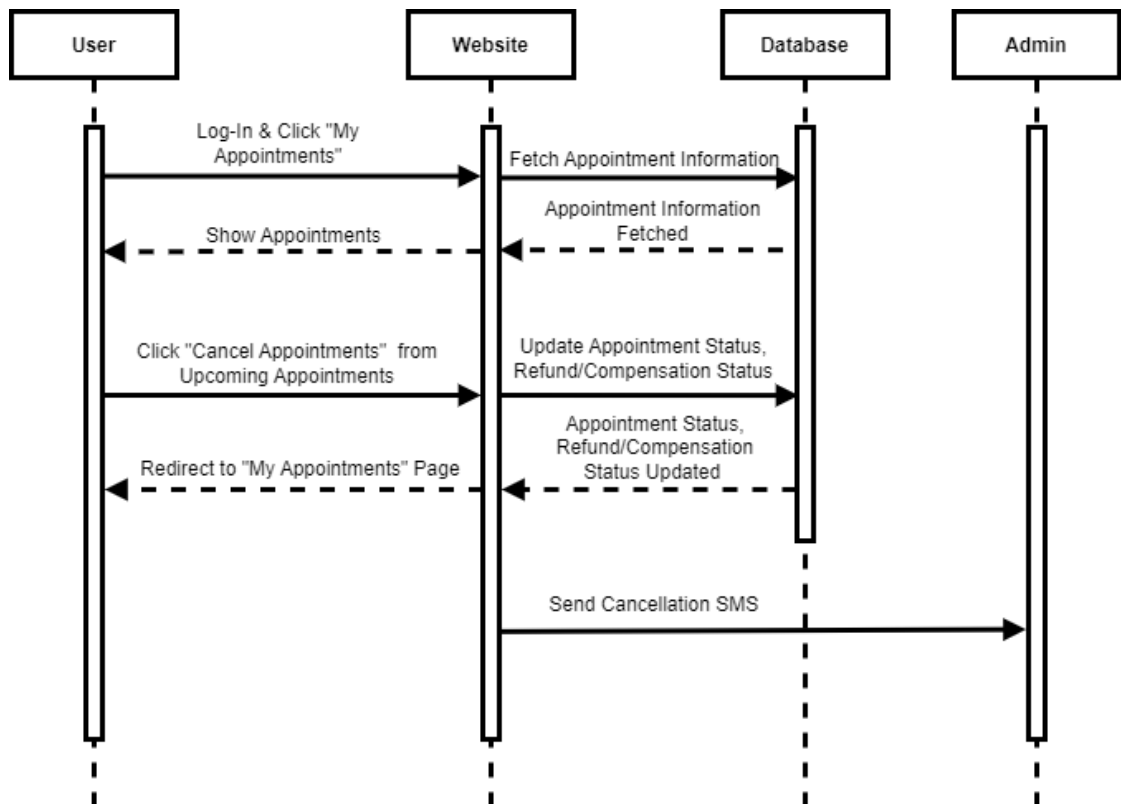


Figure 3.27: Sequence Diagram for Cancel Appointments

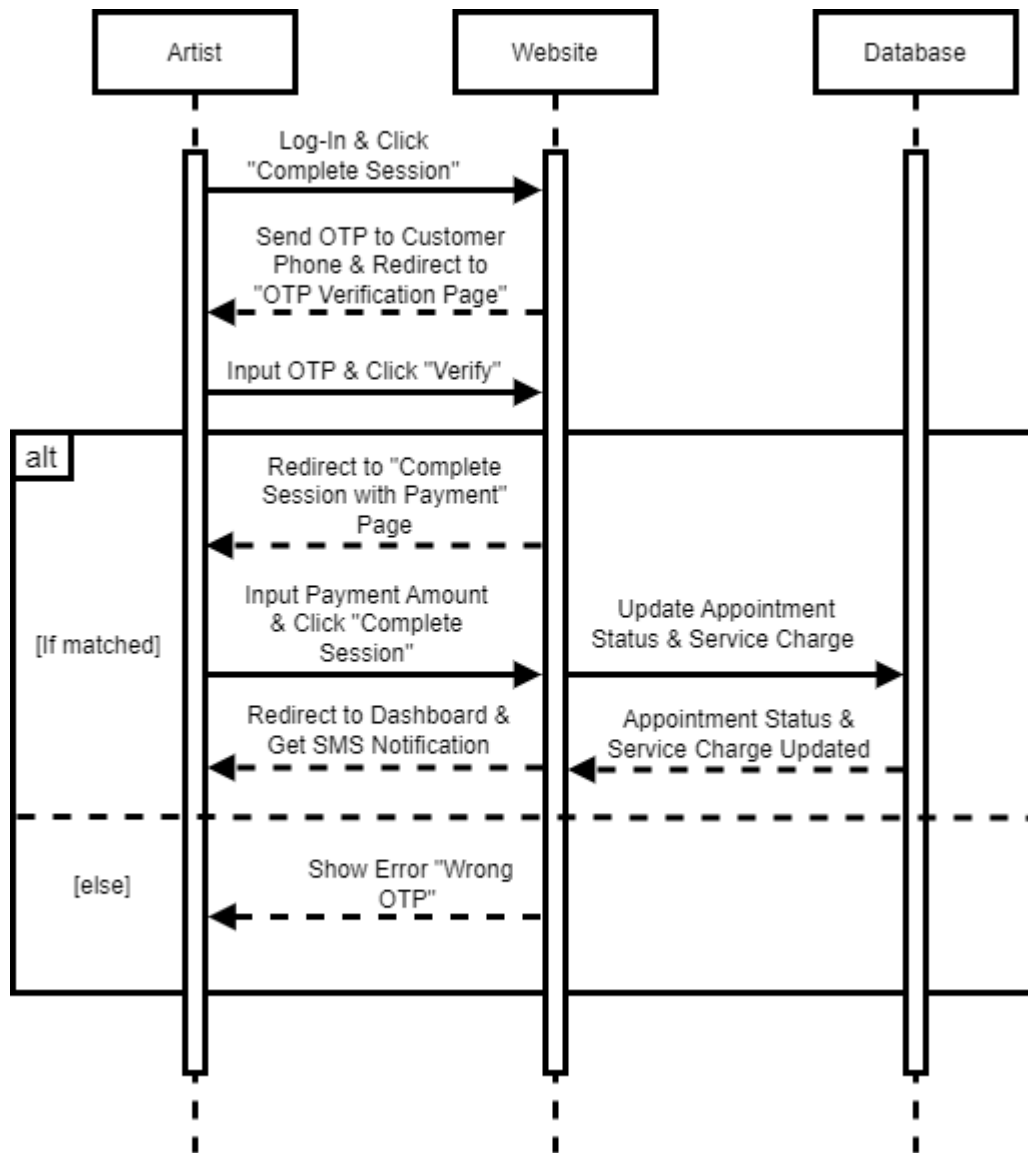


Figure 3.28: Sequence Diagram for Complete Session

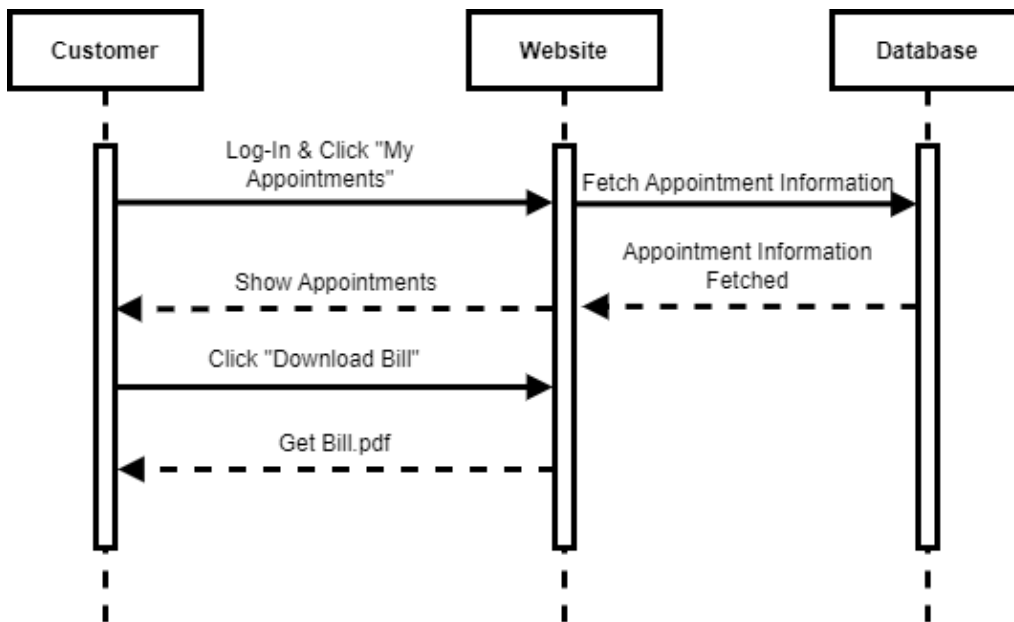


Figure 3.29: Sequence Diagram for Download Bill

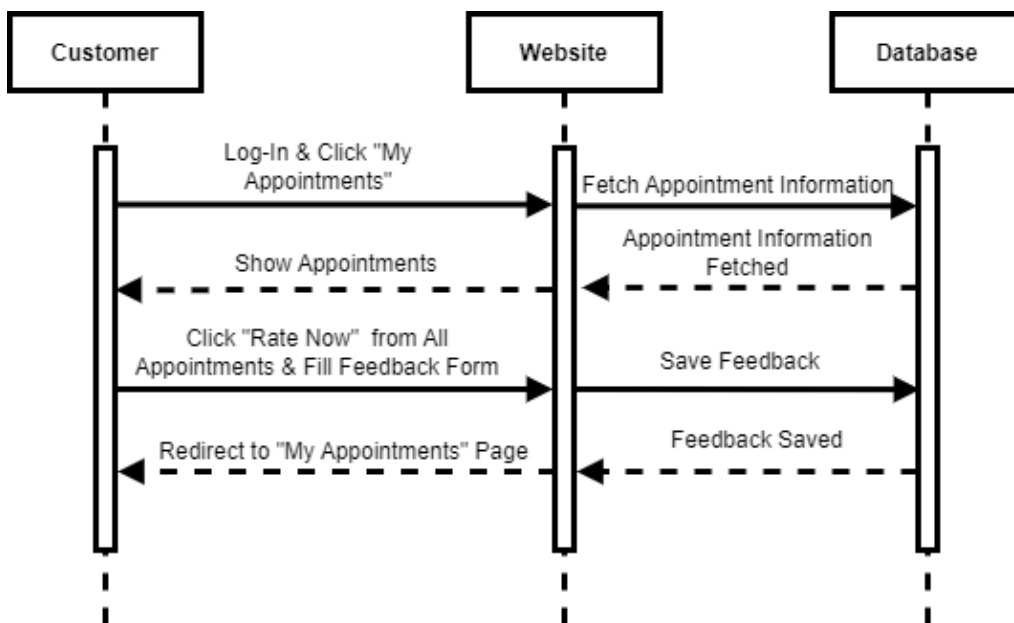


Figure 3.30: Sequence Diagram for Feedback

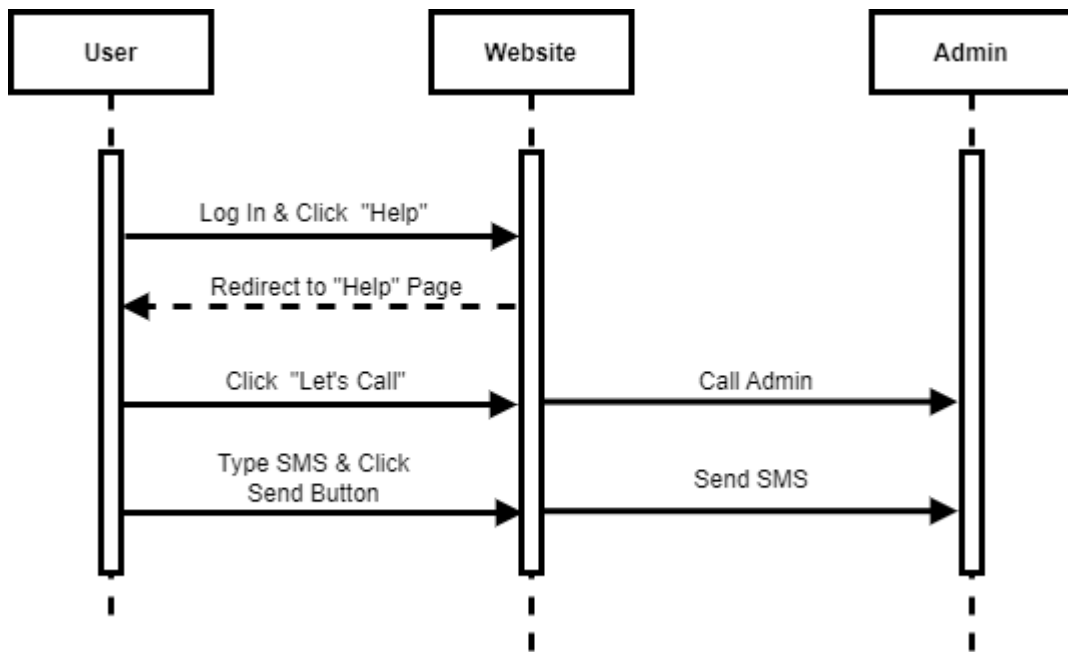


Figure 3.31: Sequence Diagram for Contact Admin

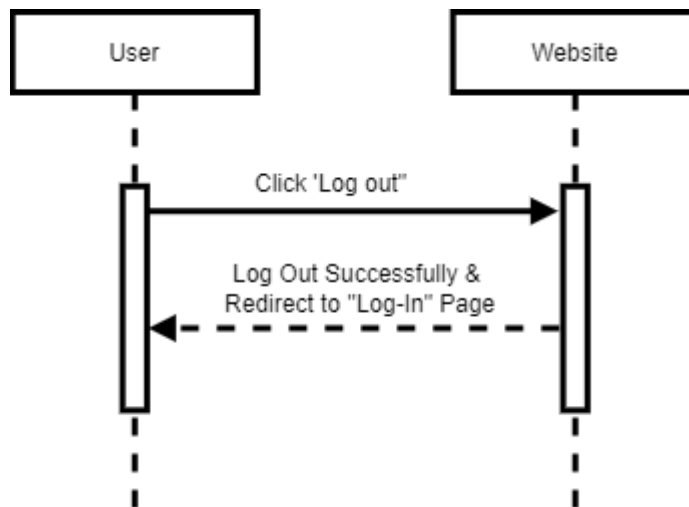


Figure 3.32: Sequence Diagram for Log-Out

3.4 ER Diagram

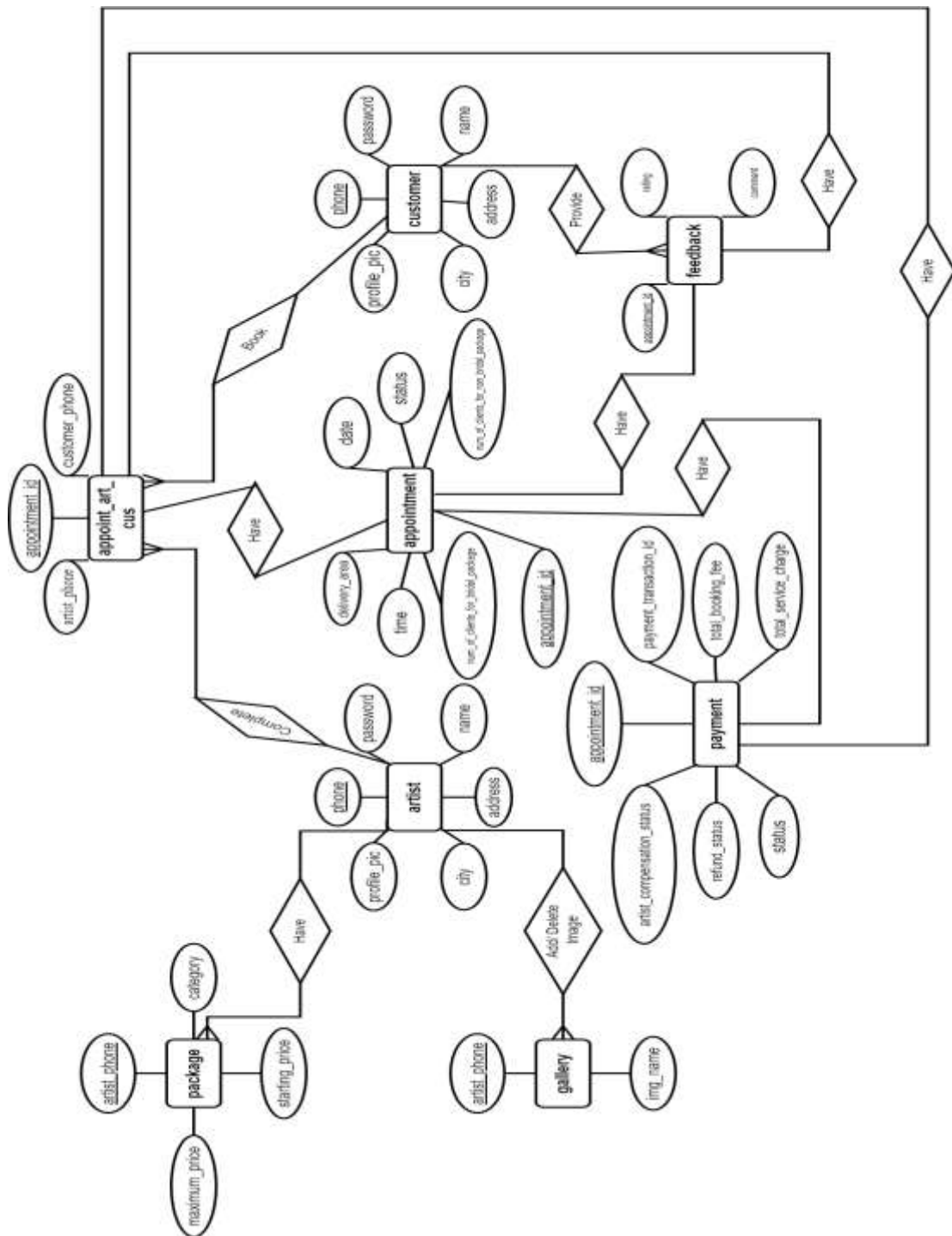


Figure 3.33: Sequence ER Diagram

In conclusion, Chapter 3 provides a detailed blueprint for the project, outlining key use cases, activity flows and system entities. The diagrams and descriptions serve as a foundational guide for the implementation phase, ensuring a systematic and well-structured approach towards achieving the project's goals.

Chapter 4 Development tool & Technology

In Chapter 4, the development of the Henna Artist Appointment Booking Website (MehediShaj) is discussed, highlighting the use of Visual Studio Code, HTML, CSS, JavaScript, Laravel framework, MySQL and future deployment considerations.

4.1 Integrated Development Environment (IDE)

I used Visual Studio Code (VS Code) for developing Henna Artist Appointment Booking Website(MehediShaj).

4.2 Programming Language

Henna Artist Appointment Booking Website(MehediShaj) is developed using HTML, CSS and JavaScript. The backend is developed with the Laravel framework.

4.3 User interface Design

The user interface of the Henna Artist Appointment Booking Website (MehediShaj) is designed using HTML, CSS and JavaScript.

4.4 Database

MySQL is used as the database management system to store and manage the data for the Henna Artist Appointment Booking Website (MehediShaj).

4.5 Deploy and hosting

At present, the Henna Artist Appointment Booking Website (MehediShaj) has not been deployed or hosted.

This chapter concludes the detailed exposition of the development environment, programming languages, user interface design, database management and future deployment considerations for the Henna Artist Appointment Booking Website (MehediShaj), providing a comprehensive overview of the project's technological foundations.

Chapter 5 System Testing

Chapter 5 focuses on system testing, outlining the features to be tested, testing strategies, schedule and detailed test cases for various functionalities in the Henna Artist Appointment Booking Website(MehediShaj).

5.1 Testing Features

5.1.1 Feature to be tested

1. Phone Number Verification for Sign-Up.
2. OTP Verification for Sign-Up.
3. Sign-Up for Customer.
4. Sign-Up for Artist.
5. Log-In.
6. Log-In for Admin.
7. Phone Number Verification for “Forget Password” Option.
8. OTP Verification for “Forget Password” Option.
9. Change Password for “Forget Password” Option.
10. Update Profile for Customer.
11. Update Profile for Artists.
12. Update Prices of Packages for Artists.
13. Phone Number Verification for Changing Phone Number.
14. OTP Verification for Changing Phone Number.
15. Update Password.
16. Upload/ Delete Image to/from Gallery.
17. Book Appointment with Artist.
18. Confirm Bookings.
19. Search Appointment by ID.
20. Click on Appointment ID.
21. Manage Appointments.
22. Cancel Appointment by Customer.
23. Cancel Appointment by Artist.
24. Complete Session.
25. Complete Session with Payment.

26. Feedback.
27. Download Bill.
28. Download Excel Files.
29. Contact Admin.
30. Log-Out.

5.2 Testing Strategies

5.2.1 Test Approach

- The system will manually be tested.
- The system testing is based on user acceptance.

5.2.2 Pass/Fail Criteria

- Component Pass/Fail criteria – The test will pass if the case meet the object design requirement or fail if not.
- Integration Pass/Fail criteria – The test will pass if the case meet the object design architecture requirement or fail if not.
- System Pass/Fail criteria – The test will pass if the case meet the functional and non-functional requirements or fail if not.

5.2.3 Testing Schedule

Table 5.1: Testing Schedule

Test Phase	Time	Owner
Test Plan Creation	1 week	Nishat Nayala Priyanka
Test Specification Creation	1 week	Nishat Nayala Priyanka
Test Specification Team Review	1 week	Nishat Nayala Priyanka
Component Testing	1 week	Nishat Nayala Priyanka
Integration Testing	1 week	Nishat Nayala Priyanka
System Testing	1 week	Nishat Nayala Priyanka

5.3 Test Cases

Table 5.2: Phone Number Verification for Sign-Up

Test Case: 01		Test Case Name: Phone Number Verification for Sign-Up			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users(Customers or Artists) verify their phone number for Sign-Up					
Preconditions: User must provide a valid phone number					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Phone Number: (empty)	Show error message	Error message displayed	Pass	User must provide a phone number
TC2	Phone Number: shcsh	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC3	Phone Number: 01234567	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC4	Phone Number: 01234567890	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC5	Phone Number: 01711157318	Website(MehediShaj) sends OTP to the provided phone number	OTP sent to the provided phone number	Pass	User provided a valid phone number
Post-conditions: Website(MehediShaj) successfully sends an OTP to the provided phone number					

Table 5.3: OTP Verification for Sign-Up

Test Case: 02		Test Case Name: OTP Verification for Sign-Up			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users (Customers or Artists) verify the OTP received via SMS during the Sign-Up process					
Preconditions: User must provide the correct OTP					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	OTP: (empty)	Show error message	Error message displayed	Pass	User must provide an OTP
TC2	OTP: fgch	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC3	OTP: 123456789	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC4	OTP: 1234	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC5	OTP: Received from SMS (Customers or Artists)	Redirect to "Sign-Up" page	Redirected to "Sign-Up" page	Pass	User provided the correct OTP
Post-conditions: User successfully redirects the “Sign-Up” page after correct OTP verification					

Table 5.4: Sign-Up for Customer

Test Case: 03		Test Case Name: Sign-Up for Customer			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Customers complete Sign-Up to create an account on the website(MehediShaj)					
Preconditions: Customer must provide correct data					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Leave all the input fields blank except , Phone Number: 01711157318 City: Select City	Show error message	Error message displayed	Pass	Customer must provide all the required data
TC2	Profile Pic: pdf file Name: Nishat Phone Number: 01641496396 Password: 1234 Address: Dhaka City: Dhaka	Show error message, only allow image files	Error message displayed, unable to upload a pdf file	Pass	Customer can't change the verified phone number, profile pic must be an image
TC3	Profile Pic: Name: Nishat Phone Number: 01711157318 Password: 1234 Address: Dhaka City: Dhaka	Create an account and send confirmation SMS then redirect to "Log-In" page	Account created, confirmation SMS sent, redirected to "Log-In" page	Pass	Customers have the option to proceed without a profile picture during sign-up
Post-conditions: Website(MehediShaj) successfully creates an account for the customer					

Table 5.5: Sign-Up for Artist

Test Case: 04			Test Case Name: Sign-Up for Artist		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 01-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 01-12-2023		
Description: Artists complete Sign-Up to create an account on the website(MehediShaj)					
Preconditions: Artist must provide correct data					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Leave all the input fields blank except , Phone Number: 01711157318 City: Select City	Show error message	Error message displayed	Pass	Artist must provide all the required data
TC2	Profile Pic: pdf file Name: Priyanka Phone Number: 01641496293 Password: 1234 Address: Dhaka City: Dhaka Fill all the price fields with non-numeric data	Show error message, only allow image files	Error message displayed, unable to upload a pdf file	Pass	Artist can't change the verified phone number, profile pic must be an image, prices must be numeric

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC3	Profile Pic: profile.jpg Name: Priyanka Phone Number: 01711157318 Password: 1234 Address: Dhaka City: Dhaka Starting Price for Non-Bridal Package: 600 Maximum Price for Non-Bridal Package: 1100 Starting Price for Bridal Package: 2000 Maximum Price for Bridal Package: 5000 Home Service Charge: 500	Create an account and send confirmation SMS then redirect to "Log-In" page	Account created, confirmation SMS sent, redirected to "Log-In" page	Pass	Artist cannot proceed without filling all the input fields with appropriate data
Post-conditions: Website(MehediShaj) successfully creates an account for the artist					

Table 5.6: Log-In

Test Case: 05		Test Case Name: Log-In			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users(Customers or Artists) log into their website(MehediShaj) account with register phone number & correct password					
Preconditions: User must provide the registered phone number and correct password					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Phone Number: (empty) Password: (empty)	Show error message	Error message displayed	Pass	User must provide all the required data
TC2	Phone Number: 01711157318 Password: 4321	Invalid log-in	Invalid log-in	Pass	User must provide correct login credentials
TC3	Phone Number: 01641496295 Password: 1234	Invalid log-in	Invalid log-in	Pass	User must provide correct login credentials
TC4	Phone Number: 01711157318 Password: 1234	Log-In successful & redirects to dashboard	Logged into their website(MehediShaj) account & redirected to dashboard	Pass	User provided correct login credentials
Post-conditions: User successfully logs in and is redirected to the dashboard interface					

Table 5.7: Log-In for Admin

Test Case: 06			Test Case Name: Log-In for Admin		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 01-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 01-12-2023		
Description: Admin log into the website(MehediShaj) with password					
Preconditions: Admin must provide correct password					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Password: (empty)	Show error message	Error message displayed	Pass	Admin must provide a password
TC2	Password: 4321	Invalid log-in	Invalid log-in	Pass	Admin must provide the correct password
TC3	Password: 1234	Log-In successful & redirects to dashboard	Logged into the website(MehediShaj) & redirected to dashboard	Pass	Admin provided correct login credentials
Post-conditions: Admin successfully logs in and is redirected to the dashboard interface					

Table 5.8: Phone Number Verification for “Forget Password” Option

Test Case: 07		Test Case Name: Phone Number Verification for “Forget Password” Option			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users (Customers or Artists) verify their registered phone number to change their password if forgotten					
Preconditions: User must provide the registered phone number					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Phone Number: (empty)	Show error message	Error message displayed	Pass	User must provide a phone number
TC2	Phone Number: 01641496295	Show error message	Error message displayed	Pass	User must provide the registered phone number
TC3	Phone Number: 01711157318	Website(Mehedi Shaj) sends OTP to the provided phone number	OTP sent to the provided phone number	Pass	User provided the registered phone number
Post-conditions: Website(MehediShaj) successfully sends an OTP to the registered phone number					

Table 5.9: OTP Verification for “Forget Password” Option

Test Case: 08		Test Case Name: OTP Verification for “Forget Password” Option			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users (Customers or Artists) verify the OTP(Received via SMS) to change their password if forgotten					
Preconditions: User must provide the correct OTP					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	OTP: (empty)	Show error message	Error message displayed	Pass	User must provide an OTP
TC2	OTP: 1234	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC3	OTP: Received from SMS (Customers or Artists)	Redirect to "Forget Password" page	Redirected to "Forget Password" page	Pass	User provided the correct OTP
Post-conditions: Website(MehediShaj) successfully redirects to the “Forget Password” page					

Table 5.10: Change Password for “Forget Password” Option

Test Case: 09		Test Case Name: Change Password for “Forget Password” Option			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 01-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 01-12-2023			
Description: Users (Customers or Artists) can change their password if forgotten					
Preconditions: User must provide a strong password					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Password: (empty)	Show error message	Error message displayed	Pass	User must provide a new password
TC2	Password: 1234	Change password & redirects to the “Log-In” page	Password changed & redirected to the “Log-In” page	Pass	User provided a new password
Post-conditions: Website(MehediShaj) successfully changes password & redirects to the “Log-In” page					

Table 5.11: Update Profile for Customers

Test Case: 10		Test Case Name: Update Profile for Customers			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Customers can modify their personal details within the website(MehediShaj)					
Preconditions: Customers must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Profile Pic: (empty) Name: (empty) Address: (empty) City: Dhaka	Show error message	Error message displayed	Pass	Customers must provide all the required data
TC2	Profile Pic: pdf file Name: Nishat1 Address: Dhaka City: Dhaka	Show error message, only allow image files	Error message displayed, unable to upload a pdf file	Pass	Profile pic must be an image
TC3	Profile Pic: (empty) Name: Nishat1 Address: Chittagong City: Chittagong	Update personal data	Personal data updated	Pass	Customers can update personal data without profile pic
TC4	Profile Pic: Profile.jpg Name: Nishat Address: Dhaka City: Dhaka	Update personal data	Personal data updated	Pass	Customers can also update personal data with profile pic
Post-conditions: Website(MehediShaj) successfully shows the updated data on profile page					

Table 5.12: Update Profile for Artists

Test Case: 11		Test Case Name: Update Profile for Artists			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Artists can modify their personal details within the website(MehediShaj)					
Preconditions: Artists must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Profile Pic: (empty) Name: (empty) Address: (empty) City: Dhaka	Show error message	Error message displayed	Pass	Artists must provide all the required data
TC2	Profile Pic: pdf file Name: Nishat1 Address: Dhaka City: Dhaka	Show error message, only allow image files	Error message displayed, unable to upload a pdf file	Pass	Profile pic must be an image
TC3	Profile Pic: Profile.jpg Name: Nishat Nayala Priyanka Address: Dhaka City: Dhaka	Update personal data	Personal data updated	Pass	Artists cannot update personal data without filling all the input fields with appropriate data
Post-conditions: Website(MehediShaj) successfully shows the updated data on profile page					

Table 5.13: Update Prices of Packages for Artists

Test Case: 12		Test Case Name: Update Prices of Packages for Artists			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Artists can modify their pricing for various packages within the website (MehediShaj)					
Preconditions: Artists must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Fill all the price fields with blank or non-numeric data	Show error message	Error message displayed	Pass	Artists must provide all the required data, prices must be numeric
TC2	Non-Bridal Package, Starting Price: 500 Maximum Price: 1000	Update Pricing	Pricing updated	Pass	Artists provided numeric data
TC3	Bridal Package, Starting Price: 1000 Maximum Price: 5000	Update Pricing	Pricing updated	Pass	Artists provided numeric data
TC4	Home Service Charge: 510	Update Pricing	Pricing updated	Pass	Artists provided numeric data
Post-conditions: Website(MehediShaj) successfully shows the updated data on profile page					

Table 5.14: Phone Number Verification for Changing Phone Number

Test Case: 13		Test Case Name: Phone Number Verification for Changing Phone Number			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Users(Customers or Artists) can change their phone number by verifying the new one					
Preconditions: Users must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Phone Number: (empty)	Show error message	Error message displayed	Pass	User must provide a phone number
TC2	Phone Number: shcsh	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC3	Phone Number: 01234567	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC4	Phone Number: 01234567890	Show error message	Error message displayed	Pass	User must provide a valid phone number
TC5	Phone Number: 01641496294	Website(MehediShaj) sends OTP to the provided phone number	OTP sent to the provided phone number	Pass	User provided a valid phone number
Post-conditions: Website(MehediShaj) successfully sends an OTP to the provided phone number					

Table 5.15: OTP Verification for Changing Phone Number

Test Case: 14		Test Case Name: OTP Verification for Changing Phone Number			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Users(Customers or Artists) can change their phone number by verifying the new one and OTP					
Preconditions: User must provide the correct OTP					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	OTP: (empty)	Show error message	Error message displayed	Pass	User must provide an OTP
TC2	OTP: fgch	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC3	OTP: 123456789	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC4	OTP: 1234	Show error message	Error message displayed	Pass	User must provide the correct OTP
TC5	OTP: Received from SMS (Customers or Artists)	Update the phone number	Phone number updated	Pass	User provided the correct OTP
Post-conditions: Website(MehediShaj) successfully shows the updated phone number on profile page					

Table 5.16: Update Password

Test Case: 15			Test Case Name: Update Password		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 02-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 02-12-2023		
Description: Users (Customers or Artists) can change their password					
Preconditions: Users must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Current Password: (empty) Current Password: (empty)	Show error message	Error message displayed	Pass	User must provide all the required data
TC2	Current Password: 4321 Current Password: 4321	Show error message	Error message displayed	Pass	User must provide the correct current password
TC3	Current Password: 1234 Current Password: 4321	Change password & redirects to the dashboard	Password changed & redirected to the dashboard	Pass	User provided the correct current password
Post-conditions: Website(MehediShaj) successfully changes password & redirects to the dashboard					

Table 5.17: Upload/ Delete Image to/from Gallery

Test Case: 16		Test Case Name: Upload/ Delete Image to/from Gallery			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 02-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 02-12-2023			
Description: Artists can upload/ delete image to/from gallery					
Preconditions: Artists must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Image Field: (empty)	Show error message	Error message displayed	Pass	Artist must upload an image file
TC2	Image Field: pdf file	Only allow image files	Unable to upload a pdf file	Pass	Artist must upload an image file
TC3	Image Field: image file	Show new uploaded image in the Gallery	Showed new uploaded image in the Gallery	Pass	Artist uploaded an image file
TC4	Click on the cross icon of a selected image	Don't display the deleted image in the Gallery	Didn't display the deleted image in the Gallery	Pass	Artist deleted an image from Gallery
Post-conditions:					
<ul style="list-style-type: none"> • Website (MehediShaj) shows the newly uploaded image in the Gallery • Deleted image is not displayed in the Gallery 					

Table 5.18: Book Appointment with Artist

Test Case: 17			Test Case Name: Book Appointment with Artist		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 03-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 03-12-2023		
Description: Customers can book an appointment with an artist in the website(MehediShaj)					
Preconditions: Customers must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Date: Choose Date Time: Choose Time Number of Clients for Non-Bridal Package: 0 Number of Clients for Bridal Package: 0 Address: (empty)	Show error message	Error message displayed	Pass	Customers must provide all the required data
TC2	Date: 13-12-2023 Time: 10AM Number of Clients for Non-Bridal Package: 1 Number of Clients for Bridal Package: 0 Address: Dhaka	Show message of unavailability	Unavailability message displayed	Pass	An artist can get only one appointment per day as artist has an appointment on 13-12-2023 that's why message of unavailability displayed
TC3	Date: 05-12-2023 Time: 10AM Number of Clients for Non-Bridal Package: 0 Number of Clients for Bridal Package: 0 Address: Dhaka	Show error message	Error message displayed	Pass	Customers can choose future dates and must choose a package

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC4	Date: 05-12-2023 Time: 10AM Number of Clients for Non-Bridal Package: 0 Number of Clients for Bridal Package: 1 Address: Dhaka	Redirects to the Confirmation page & show Appointment Summary	Redirected to the Confirmation page & Appointment Summary showed	Pass	Customers provided all the required data correctly
Post-conditions: Website(MehediShaj) successfully redirects to the Confirmation page & show Appointment Summary					

Table 5.19: Confirm Bookings

Test Case: 18			Test Case Name: Confirm Bookings		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 03-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 03-12-2023		
Description: Customers can book an appointment with an artist in the website(MehediShaj)					
Preconditions: Customers must fill the appointment details and pay the booking money (25% of service charge)					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Payment Method: Choose Payment Method Payment Transaction ID: (empty)	Show error message	Error message displayed	Pass	Customers must provide all the required data

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC2	Payment Method: Bkash Payment Transaction ID: 1576vhgjue7	Website(MehediShaj) send appointment request to admin via SMS & show the appointment details in “My Appointments” in unconfirmed status	Sent appointment request to admin via SMS & showed the appointment details in “My Appointments” in unconfirmed status	Pass	Customers provided all the required data
Post-conditions: Website(MehediShaj) send appointment request to admin via SMS & show the appointment details in “My Appointments” in unconfirmed status					

Table 5.20: Search Appointment by ID

Test Case: 19			Test Case Name: Search Appointment by ID		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 04-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 04-12-2023		
Description: Admin can search appointments by their ID to manage appointments via the search bar					
Preconditions: Admin must be logged into the website(MehediShaj)					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Search Bar: (empty)	Show error message	Error message displayed	Pass	Admin must provide an appointment ID
TC2	Search Bar: Random Value	Show error message	Error message displayed	Pass	Admin must provide a valid appointment ID

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC3	Search Bar: Unconfirmed upcoming appointment ID	Allow to confirm/cancel	Allowed to confirm/cancel	Pass	Admin provided a valid appointment ID
TC4	Search Bar: Confirmed upcoming appointment ID	Allow to view details	Allowed to view details	Pass	Admin provided a valid appointment ID
TC5	Search Bar: Confirmed previous appointment ID	Allow to update customer refund status/ artist compensation status	Allowed to update customer refund status/ artist compensation status	Pass	Admin provided a valid appointment ID
TC6	Search Bar: Cancelled appointment ID	Allow to update customer refund status if cancelled by artist and allow to update artist compensation status if cancelled by customer	Allowed to update customer refund status when cancelled by artist and allowed to update artist compensation status when cancelled by customer	Pass	Admin provided a valid appointment ID
TC7	Search Bar: Completed appointment ID	Allow to view details	Allowed to view details	Pass	Admin provided a valid appointment ID
Post-conditions: Admin successfully manages appointments by confirming/ cancelling/ refunding/ compensating					

Table 5.21: Click on Appointment ID

Test Case: 20		Test Case Name: Click on Appointment ID			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 04-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 04-12-2023			
Description: Admin click on appointment ID to manage appointments					
Preconditions: Admin must be logged into the website(MehediShaj)					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on an unconfirmed upcoming appointment ID	Allow to confirm/cancel	Allowed to confirm/cancel	Pass	N/A
TC2	Click on a confirmed upcoming appointment ID	Allow to view details	Allowed to view details	Pass	N/A
TC3	Click on a confirmed previous appointment ID	Allow to update customer refund status/ artist compensation status	Allowed to update customer refund status/ artist compensation status	Pass	N/A
TC4	Click on a cancelled appointment ID	Allow to update customer refund status if cancelled by artist and allow to update artist compensation status if cancelled by customer	Allowed to update customer refund status when cancelled by artist and allowed to update artist compensation status when cancelled by customer	Pass	N/A

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC5	Click on a completed appointment ID	Allow to view details	Allowed to view details	Pass	N/A
Post-conditions: Admin successfully manages appointments by confirming/ cancelling/ refunding/ compensating					

Table 5.22: Manage Appointments

Test Case: 21			Test Case Name: Manage Appointments		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 04-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 04-12-2023		
Description: Admin manages appointments by confirming/ cancelling/ refunding/ compensating					
Preconditions: Admin must be logged into the website(MehediShaj)					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Appointment Status: Confirm	Update appointment status to 'confirmed', notify artist and customer via SMS, display the appointment on the confirmed list in the dashboard	Appointment status updated to 'confirmed', notifications sent, and the appointment displayed on the dashboard's confirmed list	Pass	Admin confirms the appointment successfully
TC2	Appointment Status: Cancel	Delete appointment details, notify customer via SMS	Appointment details deleted, customer notified via SMS	Pass	Admin cancels the appointment successfully
TC3	Customer Refund Status: paid	Update customer refund status, display new information on the cancelled list in the dashboard	Customer refund status updated, new information visible on the cancelled list in the dashboard	Pass	Admin refunds the customer and updates the status accordingly

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC4	Artist Compensation Status: paid	Update artist compensation status, display new information on the cancelled list in the dashboard	Artist compensation status updated, new information visible on the cancelled list in the dashboard	Pass	Admin compensates the artist and updates the status accordingly
Post-conditions: MehediShaj website displays the changes accurately on the dashboard					

Table 5.23: Cancel Appointment by Customer

Test Case: 22			Test Case Name: Cancel Appointment by Customer		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 05-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 05-12-2023		
Description: Customers can cancel both unconfirmed and confirmed upcoming appointments					
Preconditions: Customers must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on the cancel button of an unconfirmed upcoming appointment	Cancel the appointment & send SMS notification to the admin	Appointment canceled successfully and an SMS notification was sent to the admin	Pass	N/A
TC2	Click on the cancel button of a confirmed upcoming appointment	Cancel the appointment & send SMS notification to the admin & the artist	Appointment canceled successfully and SMS notifications were sent to the admin and the artist	Pass	N/A
Post-conditions: Website(MehediShaj) successfully cancel the appointment & send SMS notification					

Table 5.24: Cancel Appointment by Artist

Test Case: 23			Test Case Name: Cancel Appointment by Artist		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 05-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 05-12-2023		
Description: Artists can cancel confirmed upcoming appointments					
Preconditions: Artists must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on the cancel button of an upcoming appointment	Cancel the appointment & send SMS notification to the admin & the customer	Appointment canceled successfully and SMS notifications were sent to the admin and the customer	Pass	N/A
Post-conditions: Website(MehediShaj) successfully cancel the appointment & send SMS notification					

Table 5.25: Complete Session

Test Case: 24			Test Case Name: Complete Session		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 05-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 05-12-2023		
Description: Artists can finalize sessions for customers after providing services					
Preconditions:					
<ul style="list-style-type: none"> • Artists must have rendered services to the customer • The Artists must be logged into their website(MehediShaj) account • Click on “Complete Session” • Customer receive the OTP necessary to complete the session 					

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	OTP: (empty)	Show error message	Error message displayed	Pass	Artist must provide an OTP
TC2	OTP: 1234	Show error message	Error message displayed	Pass	Artist must provide the correct OTP
TC3	OTP: Received from customer	Redirect to "Complete Session with Payment" page	Redirected to "Complete Session with Payment" page	Pass	Artist provided the correct OTP
Post-conditions: Website(MehediShaj) successfully redirects to "Complete Session with Payment" page					

Table 5.26: Complete Session with Payment

Test Case: 25			Test Case Name: Complete Session with Payment		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 05-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 05-12-2023		
Description: Artists can finalize sessions for customers after providing services					
Preconditions: Artists verify the OTP received from customer					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Payment Amount: (empty)	Show error message	Error message displayed	Pass	Artist must provide the amount
TC2	Payment Amount: sdS	Show error message	Error message displayed	Pass	Artist must provide numeric value
TC3	Payment Amount: 700 (Service Charge is between Tk 757.5 to Tk 1257.5)	Show error message	Error message displayed	Pass	Artist must provide the amount between 757.5 to 1257.5

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC4	Payment Amount: 1700 (Service Charge is between Tk 757.5 to Tk 1257.5)	Show error message	Error message displayed	Pass	Artist must provide the amount between 757.5 to 1257.5
TC5	Payment Amount: 1100 (Service Charge is between Tk 757.5 to Tk 1257.5)	Update appointment status, service charge & send SMS notification to the artist	Appointment status, service charge updated & SMS notification were sent to the artist	Pass	Artist provided the amount between 757.5 to 1257.5
Post-conditions: Website(MehediShaj) successfully updates appointment status, service charge & sends SMS notification to the artist					

Table 5.27: Feedback

Test Case: 26			Test Case Name: Feedback		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 05-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 05-12-2023		
Description: Customers can submit feedback for completed appointments					
Preconditions:					
<ul style="list-style-type: none"> Customers must be logged into their website(MehediShaj) account A completed appointment should exist for the customer to provide feedback 					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Ratings: Didn't select any stars Comment: (empty)	Show error message	Error message displayed	Pass	Customer must provide the ratings

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC2	Ratings: Select 4 stars Comment: (empty)	Don't allow to rate the appointment again	Didn't allow to rate the appointment again	Pass	Customer can rate appointments without providing comment
Post-conditions: Upon feedback submission, the website(MehediShaj) will not allow customers to rate the same appointment again					

Table 5.28: Download Bill

Test Case: 27			Test Case Name: Download Bill		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 06-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 06-12-2023		
Description: Customers can download bill of their appointments					
Preconditions:					
<ul style="list-style-type: none"> • Customers must be logged into their website(MehediShaj) account • An existing appointment with a bill available 					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on "Download Bill" button	Download bill	Bill downloaded	Pass	N/A
Post-conditions: Website(MehediShaj) successfully downloads the bill for the customer					

Table 5.29: Download Excel Files

Test Case: 28		Test Case Name: Download Excel Files			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 06-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 06-12-2023			
Description: Users(Admin or Artists) can download excel files of the appointment details					
Preconditions: Users must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on title of the appointment table	Download excel file	Excel files downloaded	Pass	N/A
Post-conditions: Website(MehediShaj) successfully downloads the excel files for the users					

Table 5.30: Contact Admin

Test Case: 29		Test Case Name: Contact Admin			
System: Henna Artist Appointment Booking Website(MehediShaj)		Subsystem : N/A			
Designed by: Nishat Nayala Priyanka		Design Date: 06-12-2023			
Executed by: Nishat Nayala Priyanka		Execution Date: 06-12-2023			
Description: Users(Customers or Artists) can directly communicate with the admin via call or message					
Preconditions: Users must be logged into their website(MehediShaj) account					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on “Let's Call”	Initiates a call to the admin	Call to admin initiated	Pass	N/A
TC2	Click on “Let's Message”	Show message box	Message box displayed	Pass	N/A
TC3	Message Box: (empty)	Show error message	Error message displayed	Pass	User must provide message

Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC4	Message Box: Tell me something about the website	Send the message to the Admin via SMS	Message sent to Admin via SMS	Pass	User provided message
Post-conditions: Users have successfully communicated with the admin via call or message					

Table 5.31: Log-Out

Test Case: 30			Test Case Name: Log-Out		
System: Henna Artist Appointment Booking Website(MehediShaj)			Subsystem : N/A		
Designed by: Nishat Nayala Priyanka			Design Date: 07-12-2023		
Executed by: Nishat Nayala Priyanka			Execution Date: 07-12-2023		
Description:					
<ul style="list-style-type: none"> • Users(Customers or Artists) can log out from their website(MehediShaj) account • Admin can log out from the website(MehediShaj) 					
Preconditions:					
<ul style="list-style-type: none"> • Users must be logged into their website(MehediShaj) account • Admin must be logged into the website(MehediShaj) 					
Test ID	Test Data	Expected Output	Actual Output	Test Status	Comment
TC1	Click on “Log-Out”	Redirect to “Log-In” page	Redirected to "Log-In" page	Pass	N/A
Post-conditions: Users (Customers or Artists) and Admin successfully redirected to the “Log-In” page upon logging out from the Website (MehediShaj)					

Chapter 5 concludes with a comprehensive set of test cases, encompassing diverse scenarios to ensure the effective functioning of the system, aligning with user acceptance and fulfilling functional and non-functional requirements.

Chapter 6 User Manual

Chapter 6 provides an overview of the system's user manual, detailing the landing page, customer and artist functionalities and the admin interface.

6.1 Landing Page



Figure 6.1: Landing Page

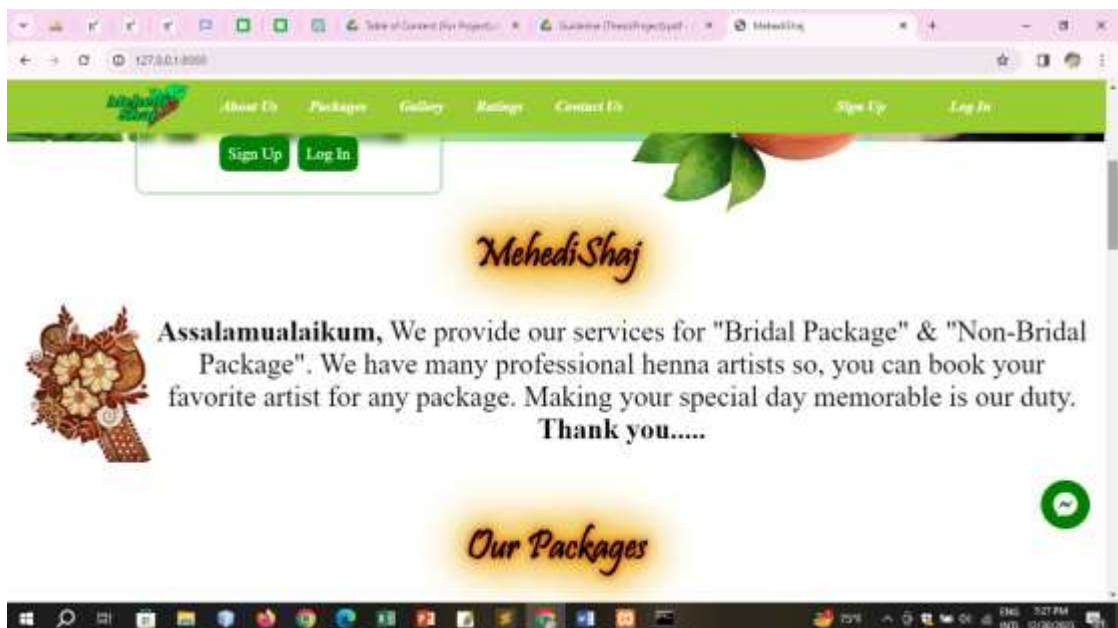


Figure 6.2: Landing Page

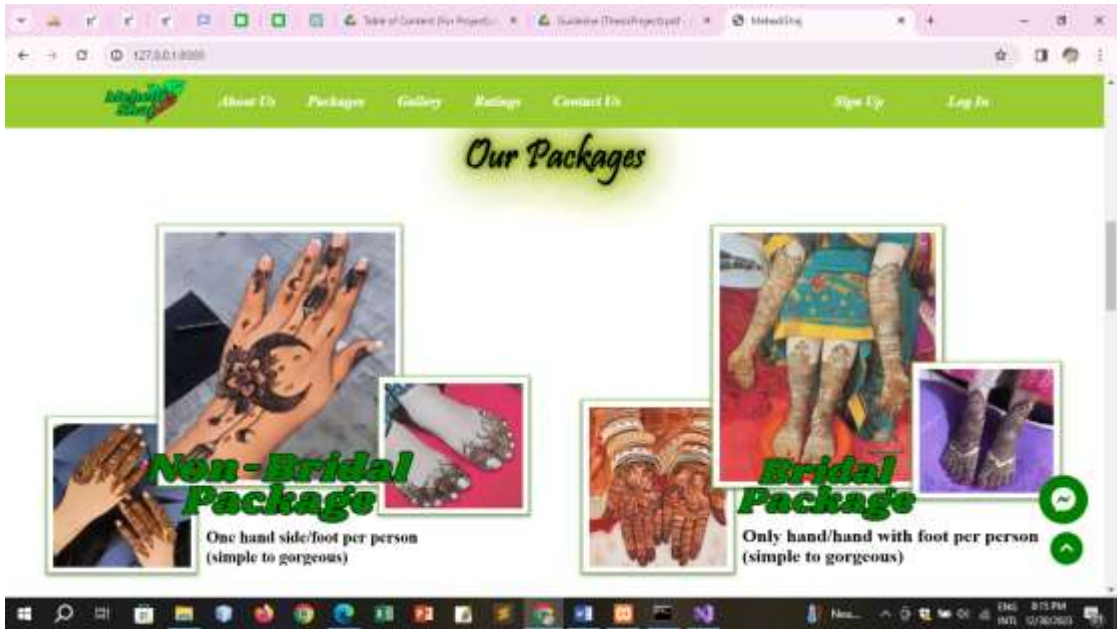


Figure 6.3: Landing Page

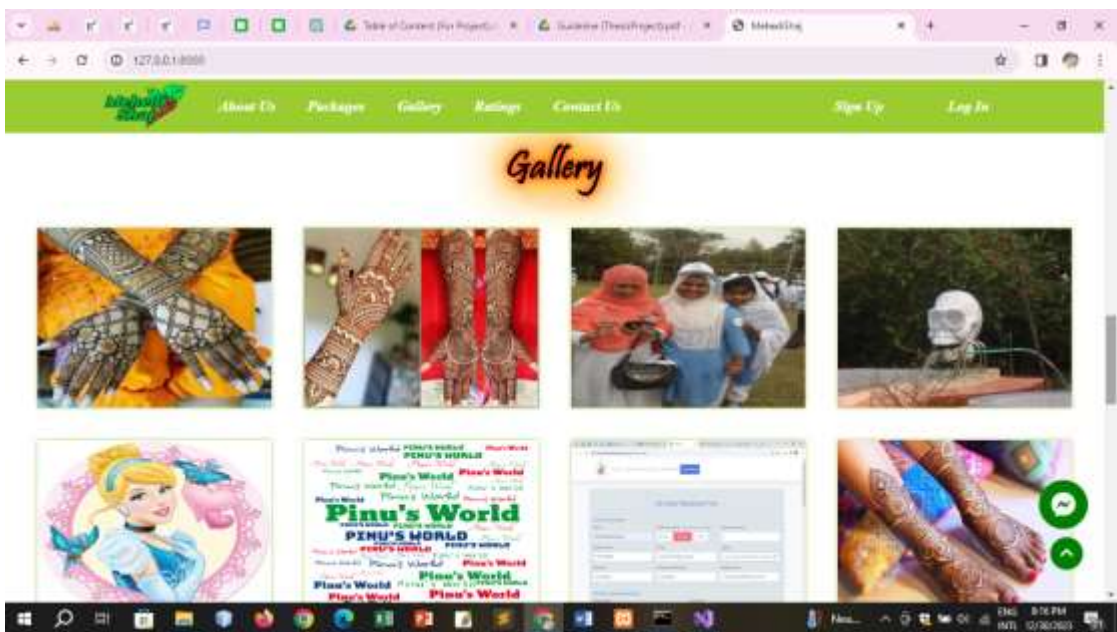


Figure 6.4: Landing Page

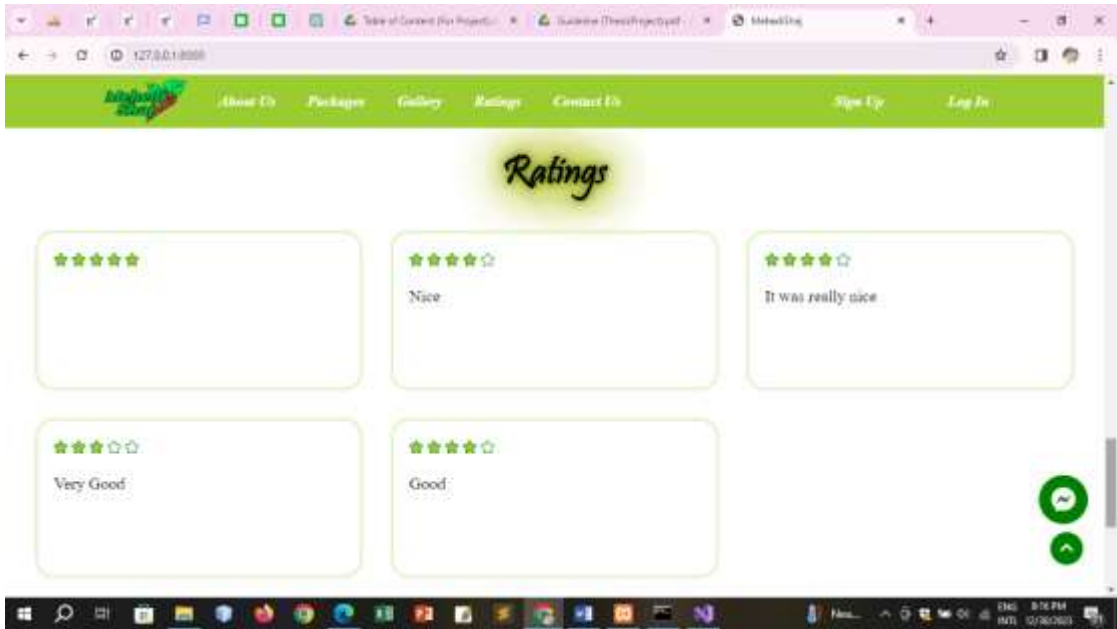


Figure 6.5: Landing Page

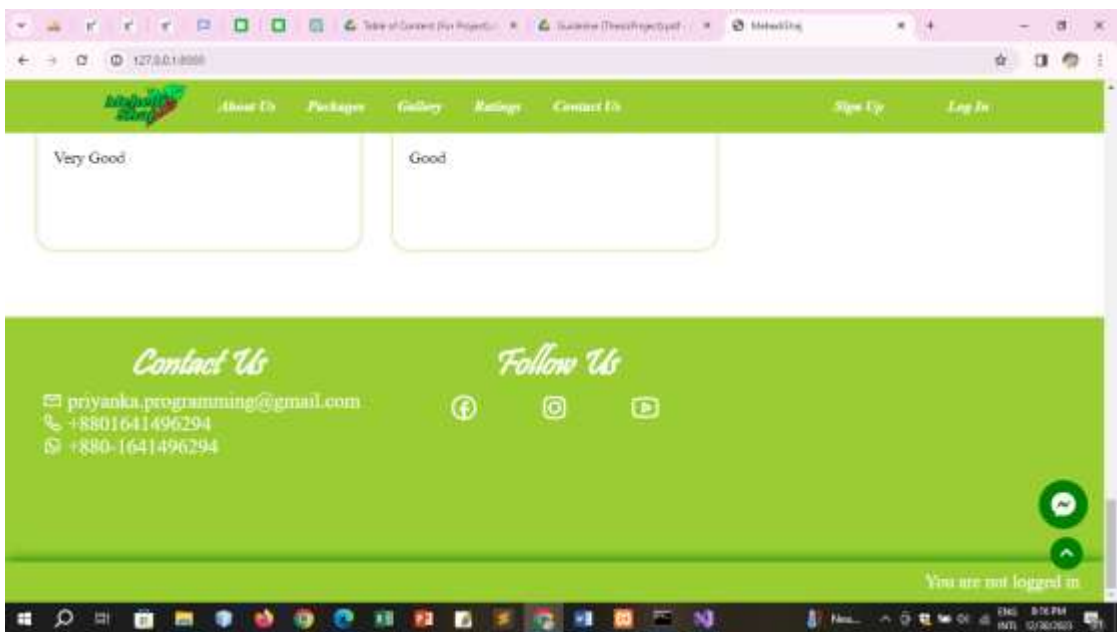
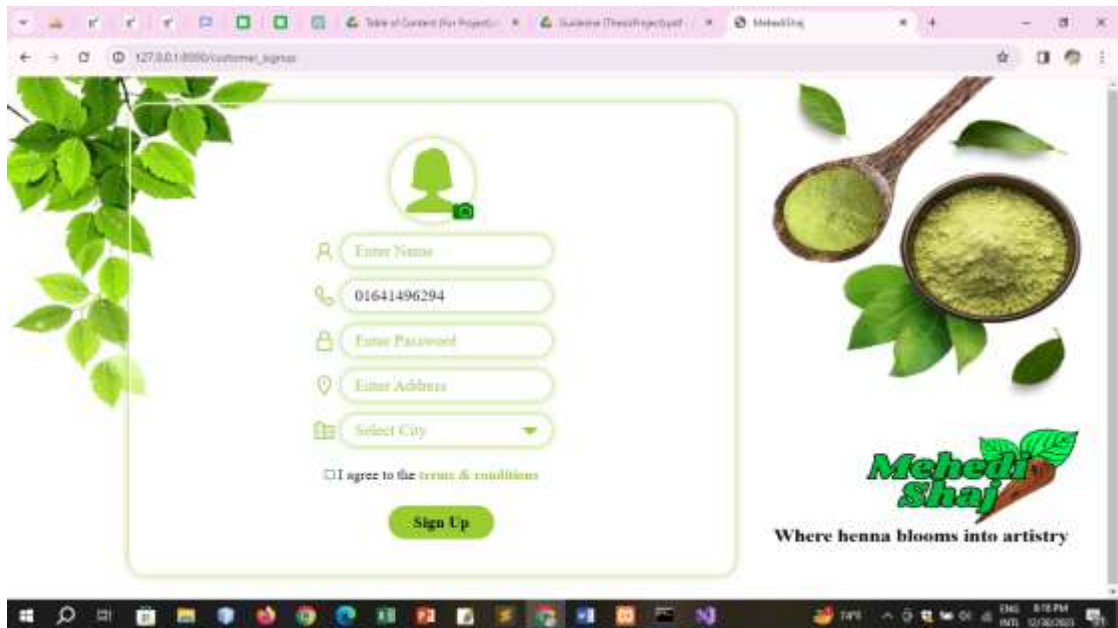


Figure 6.6: Landing Page

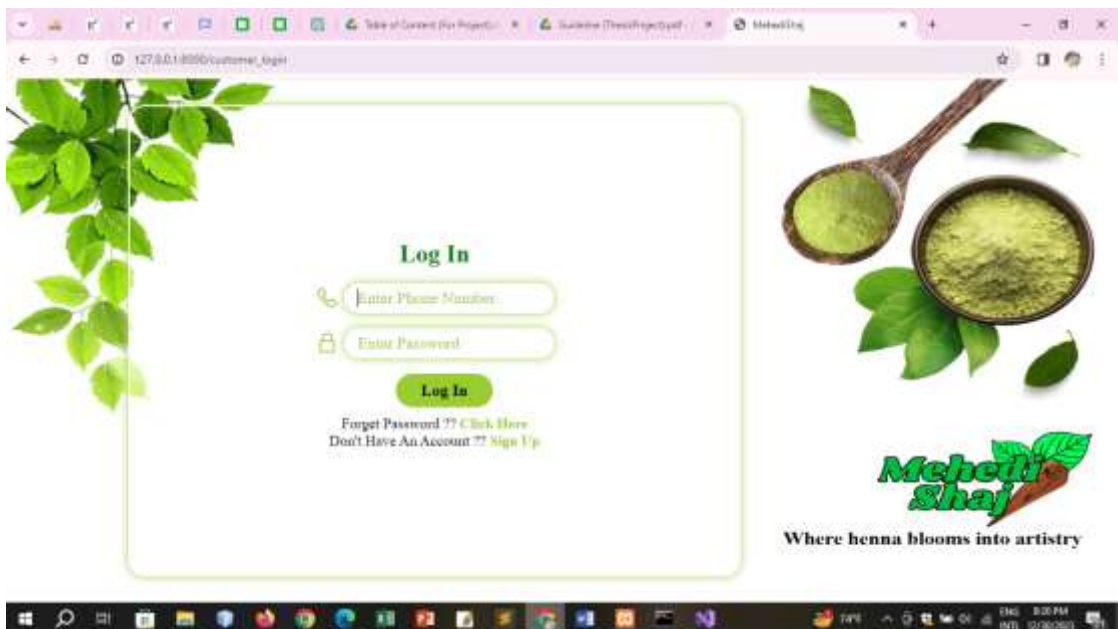
6.2 Sign-Up for Customer



The screenshot shows a web browser window displaying the sign-up page for MehediShaj. The page has a light green theme with a decorative leaf border on the left. The main content area is a white box with a rounded border. At the top left of this box is a green circular icon with a white silhouette of a person. Below it are five input fields: 'Enter Name', '01641496294' (with a phone icon), 'Enter Password', 'Enter Address', and 'Select City' (with a dropdown arrow). Below these fields is a checkbox labeled 'I agree to the terms & conditions' and a green 'Sign Up' button. To the right of the form is a promotional image showing a wooden spoon and a bowl of green henna powder, surrounded by fresh green leaves. Below the image is the MehediShaj logo, which includes a carrot and the text 'MehediShaj' in a stylized font, followed by the tagline 'Where henna blooms into artistry'.

Figure 6.7: Sign-Up for Customer

6.3 Log-In for Customer



The screenshot shows a web browser window displaying the log-in page for MehediShaj. The page has the same light green theme and decorative leaf border as the sign-up page. The main content area is a white box with a rounded border. At the top center of this box is the text 'Log In' in green. Below it are two input fields: 'Enter Phone Number' (with a phone icon) and 'Enter Password' (with a lock icon). Below these fields is a green 'Log In' button. At the bottom of the box, there are two links: 'Forgot Password ?? Click Here' and 'Don't Have An Account ?? Sign Up'. To the right of the form is the same promotional image of henna powder and leaves as seen in Figure 6.7, with the MehediShaj logo and tagline 'Where henna blooms into artistry' below it.

Figure 6.8: Log-In for Customer

6.4 Home-Page of Customer

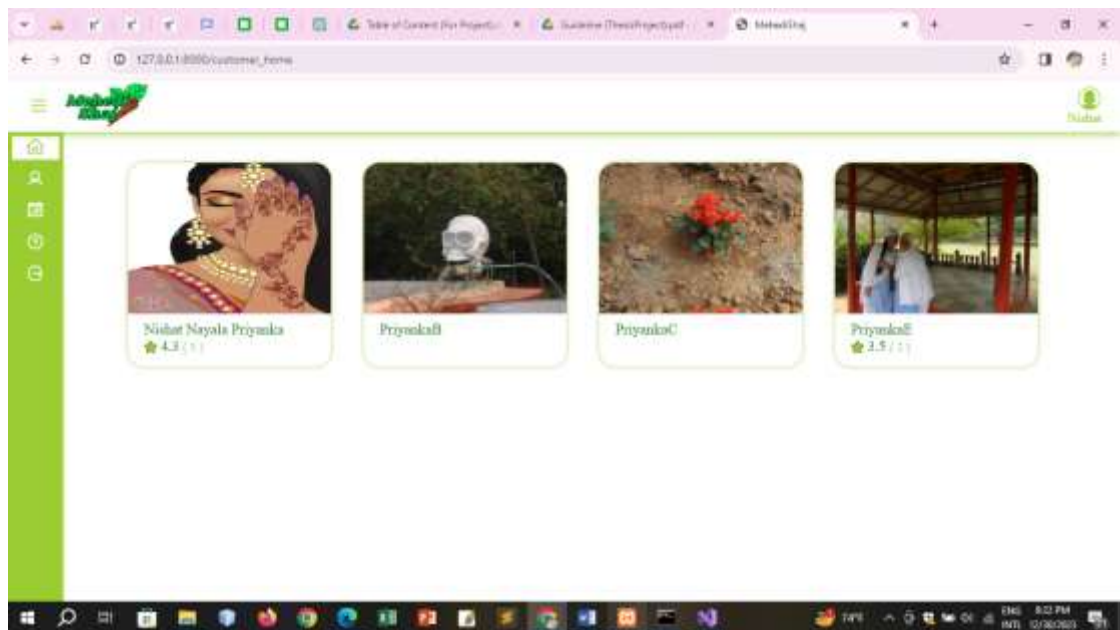


Figure 6.9: Home-Page of Customer

6.5 Profile of Customer

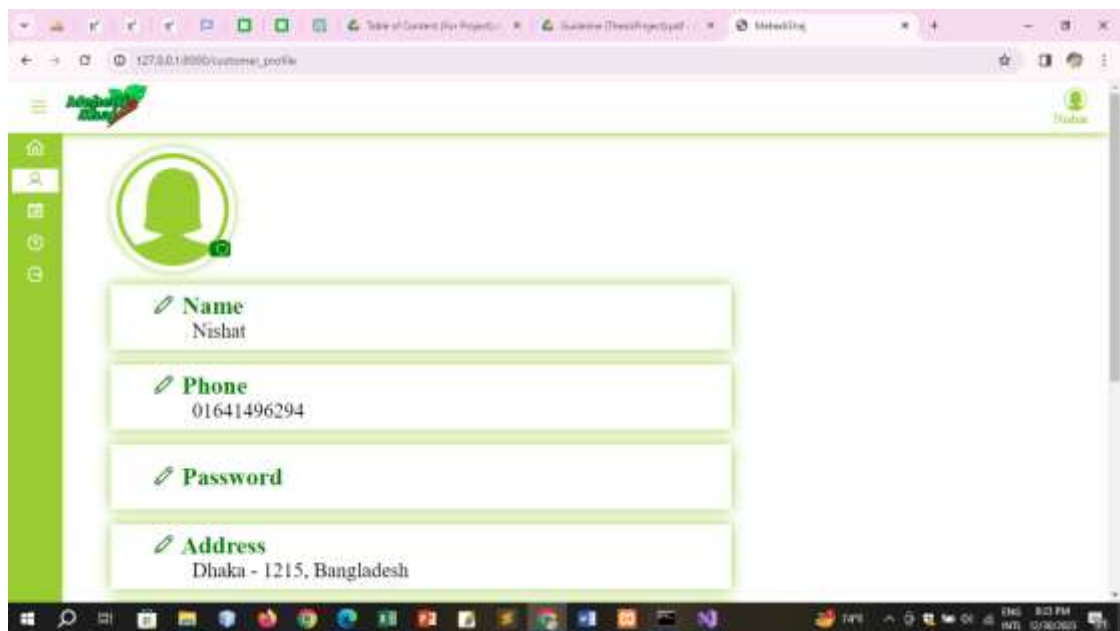


Figure 6.10: Profile of Customer

6.6 My Appointments of Customer

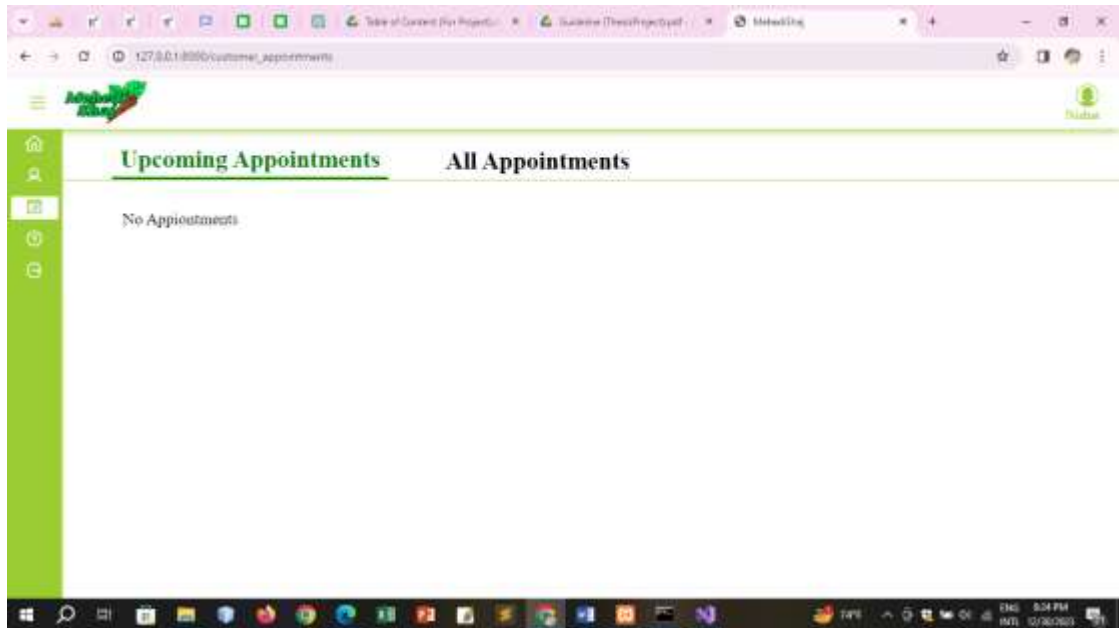


Figure 6.11: My Appointments of Customer

6.7 Help of Customer

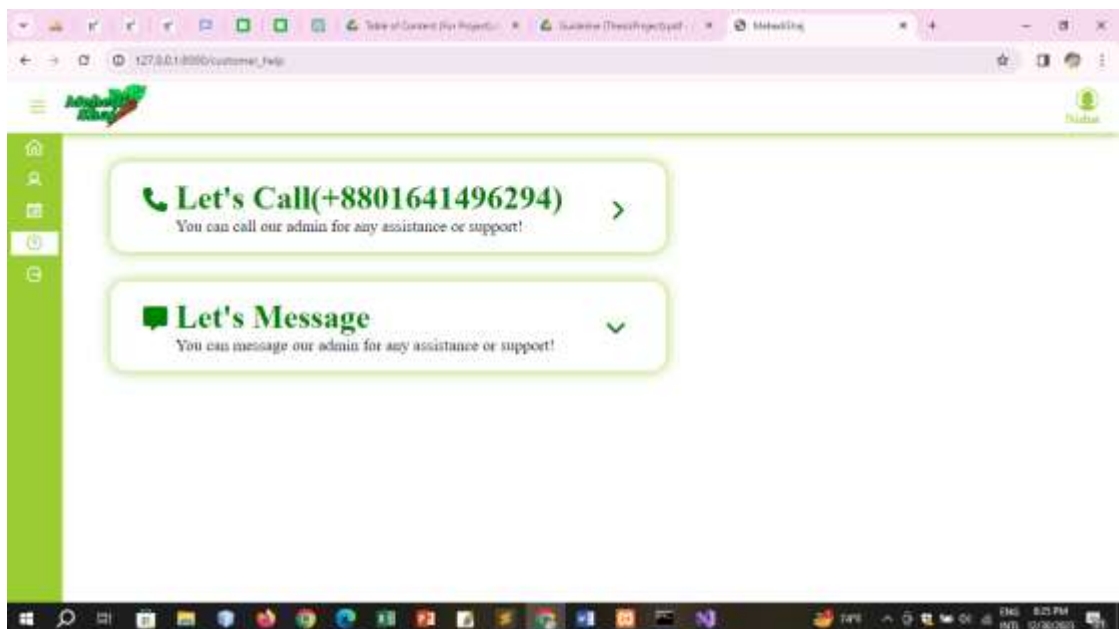
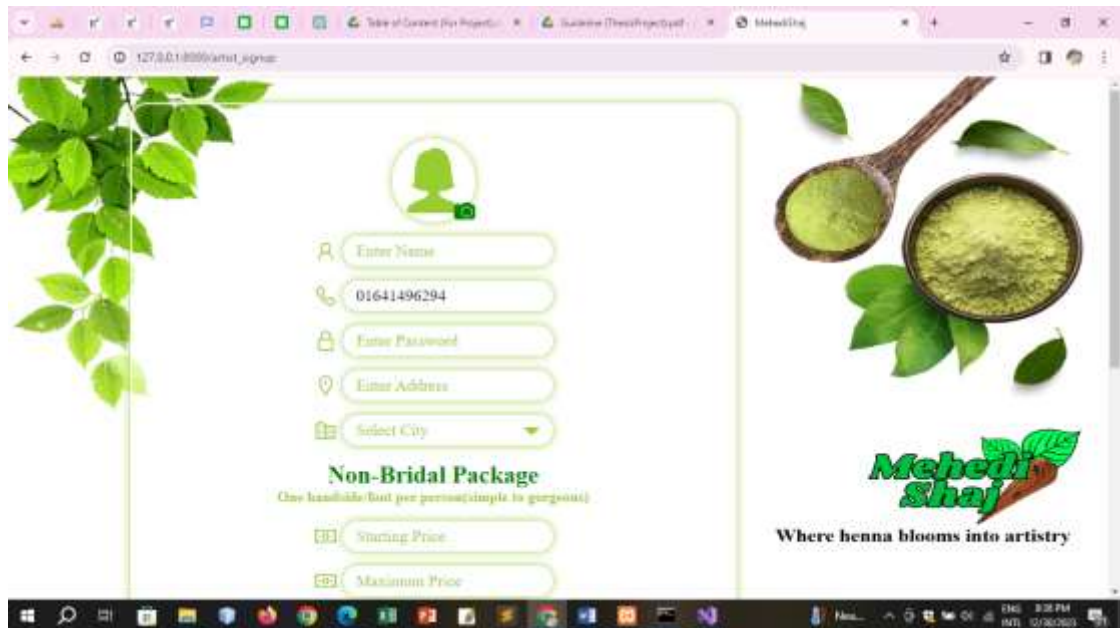


Figure 6.12: Help of Customer

6.8 Sign-Up for Artist



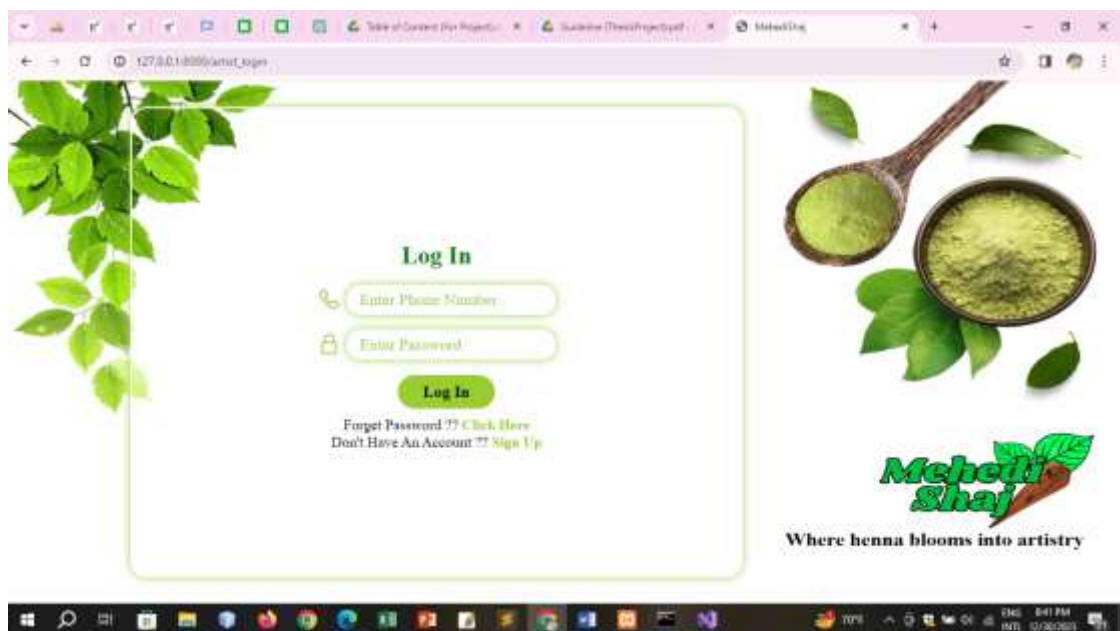
The screenshot shows a web browser window displaying the sign-up page for artists. The page features a green-themed design with a leafy branch on the left and a bowl of henna powder on the right. The central form includes the following fields:

- Enter Name
- 01641496294 (Phone Number)
- Enter Password
- Enter Address
- Select City (Dropdown menu)
- Non-Bridal Package**
One handhala (hali per person) (simple to gorgeous)
- Starting Price
- Maximum Price

The logo for Mehedi Shay is visible in the bottom right corner, with the tagline "Where henna blooms into artistry".

Figure 6.13: Sign-Up for Artist

6.9 Log-In for Artist



The screenshot shows a web browser window displaying the log-in page for artists. The page features a green-themed design with a leafy branch on the left and a bowl of henna powder on the right. The central form includes the following fields:

- Log In**
- Enter Phone Number
- Enter Password
- Log In** (Button)
- Forget Password ?? [Click Here](#)
- Don't Have An Account ?? [Sign Up](#)

The logo for Mehedi Shay is visible in the bottom right corner, with the tagline "Where henna blooms into artistry".

Figure 6.14: Log-In for Artist

6.10 Artist Dashboard



Figure 6.15: Artist Dashboard

6.11 Profile of Artist

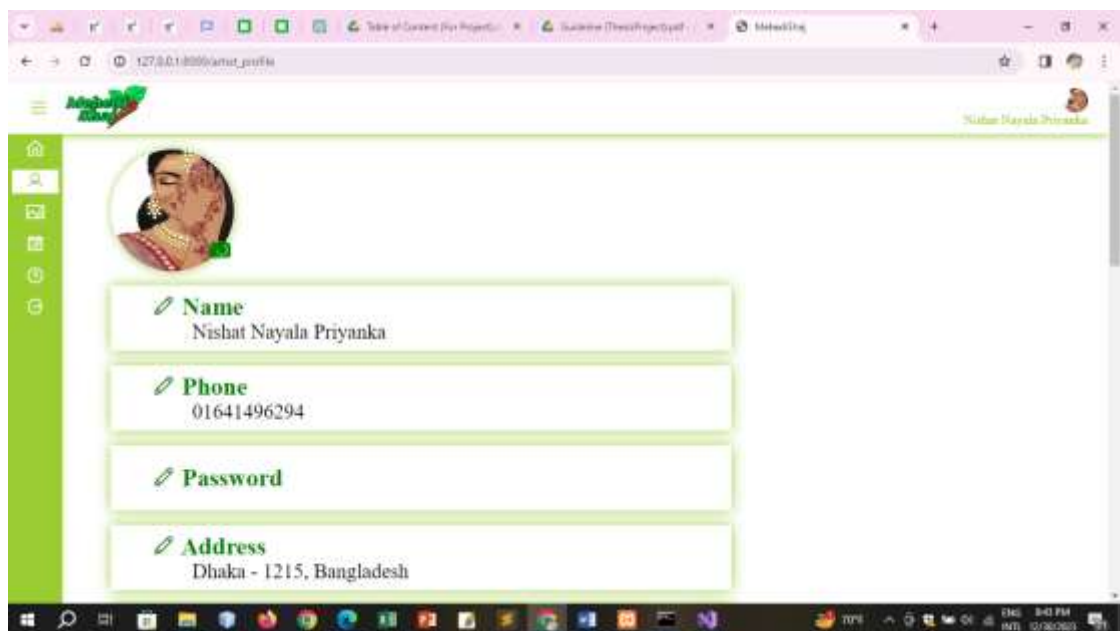


Figure 6.16: Profile of Artist

6.12 Gallery of Artist

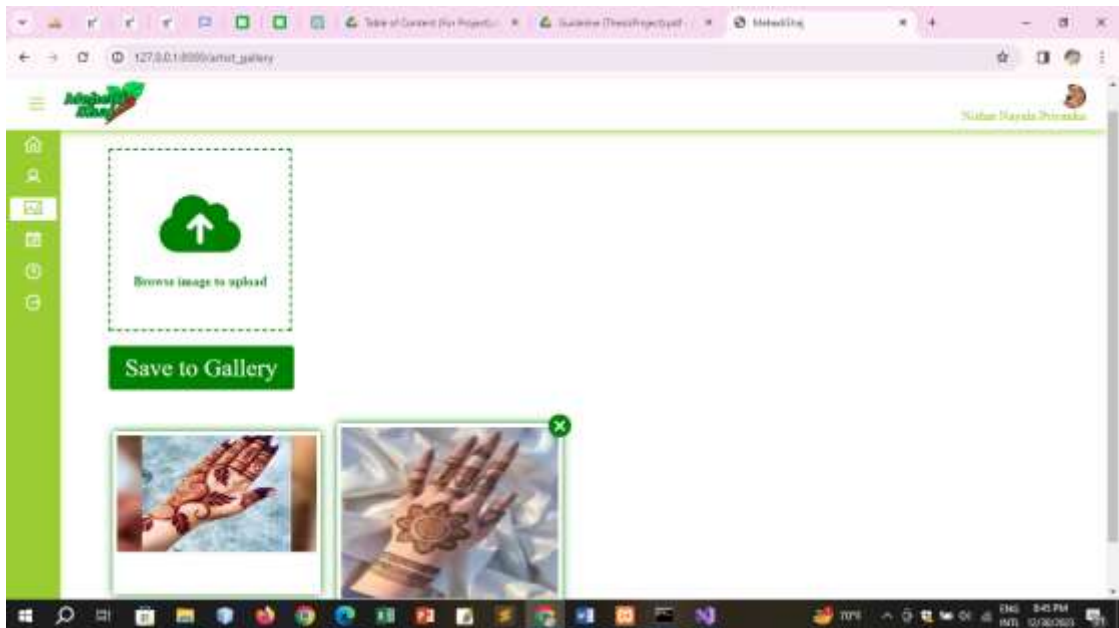


Figure 6.17: Gallery of Artist

6.13 My Appointments of Artist

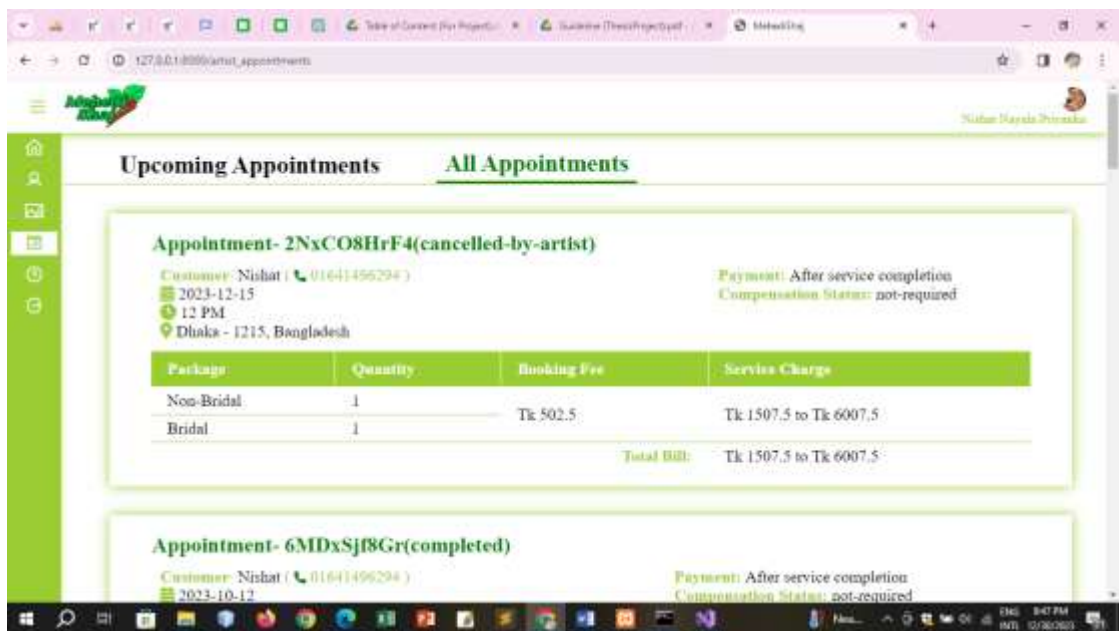


Figure 6.18: My Appointments of Artist

6.14 Help of Artist

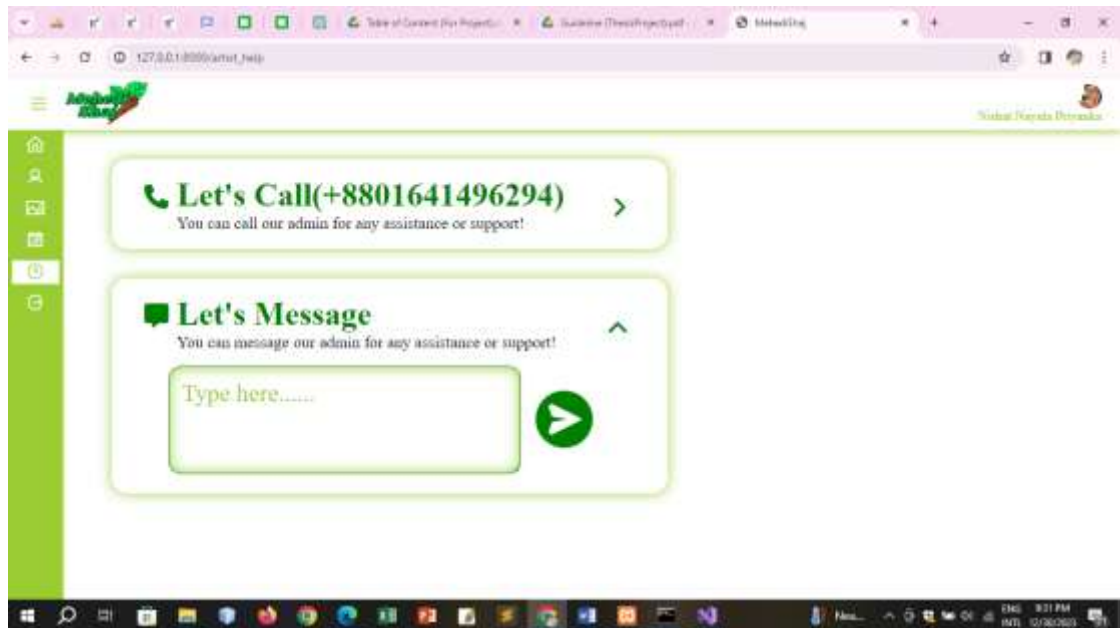


Figure 6.19: Help of Artist

6.15 Admin Log-In

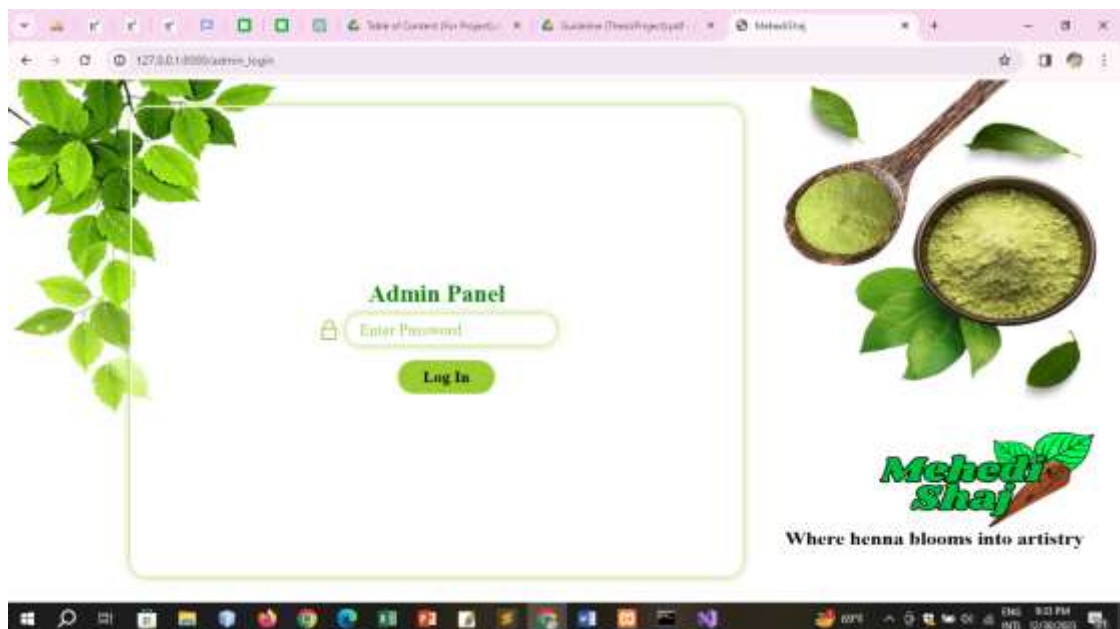


Figure 6.20: Admin Log-In

6.16 Admin Dashboard

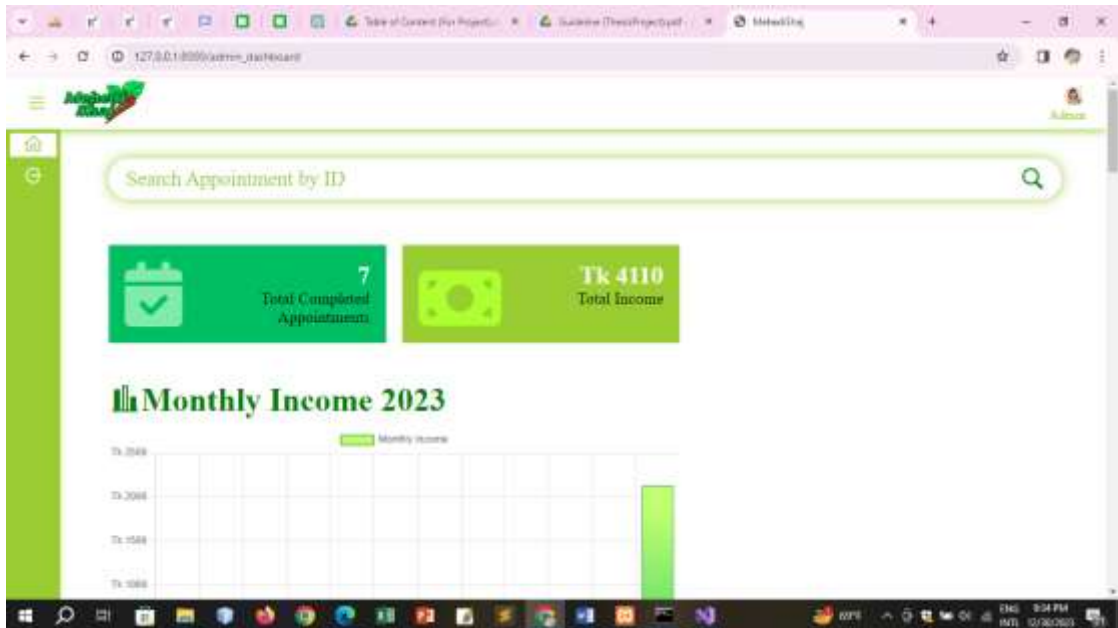


Figure 6.21: Admin Dashboard

6.17 Manage Appointments by Admin

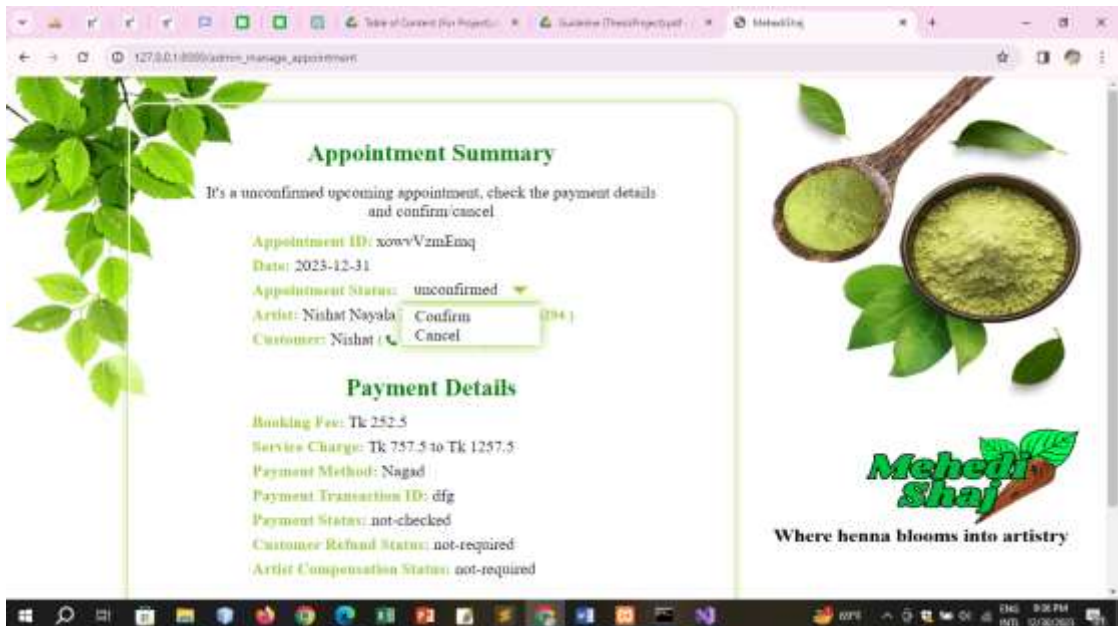


Figure 6.22: Manage Appointments by Admin

In summary, Chapter 6 elucidates the distinct interfaces and functionalities for customers, artists and admin facilitating seamless navigation and interaction within the envisioned application.

Chapter 7 Conclusion

In the concluding chapter, the limitations faced during the development of "Henna Artist Appointment Booking Website (MehediShaj)" are acknowledged, with a hopeful outlook for future enhancements.

7.1 Project Link

<https://github.com/nishatnayalapriyanka/MehediShaj.git>

7.2 Limitations

While developing “Henna Artist Appointment Booking Website(MehediShaj)”, I’ve faced some limitations on my way. I still am learning the related technologies so I couldn’t overcome these obstacles yet. But I am hopeful that with enough time, I’ll be able to learn the advance topics and improve the code much further.

7.3 Future Scope

Regarding developing “Henna Artist Appointment Booking Website(MehediShaj)”, there's ample room for improvement as it is currently in its initial stage. My future plans include:

- Enhance the UI/UX design of “Henna Artist Appointment Booking Website(MehediShaj)”.
- Implementing a feature to provide promotional offers/discounts to customers.

Reference

1. Foodpanda: <https://www.foodpanda.com.bd/>
2. Pathao: <https://pathao.com/bn/>
3. Sheba.xyz: <https://www.sheba.xyz/>
4. Daraz: <https://www.daraz.com.bd/>

The project concludes with a link to the GitHub repository, recognition of current limitations and a forward-looking perspective outlining plans for UI/UX enhancement and the implementation of promotional features in subsequent stages of development.