



Daffodil International University

Department of Software Engineering, FSIT

SWE-431 Project / Thesis

Project Documentation

Event & Wedding Photography

Supervised by:

Md. Farhan Anan Himu

Lecturer

Department of Software Engineering

Daffodil International University

Submitted by:

Md: Mamun Sikder

161-35-1574

Department of Software Engineering

Daffodil International University

Approval

This **Project** titled “**Event & Wedding Photography**”, submitted by **Md: Mamun Sikder**, ID-**161-35-1574** 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 B.Sc in Software Engineering and approved as to its style and contents.

BOARD OF EXAMINERS

Dr. Touhid Bhuiyan
Professor and Head

Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Chairman

Md Fahad Bin Zamal
Assistant Professor

Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 1

Md. Shohel Arman
Lecturer

Department of Software Engineering
Faculty of Science and Information Technology
Daffodil International University

Internal Examiner 2

Prof Dr. Mohammad Abul Kashem
Professor

Department of Computer Science and Engineering
Faculty of Electrical and Electronic Engineering
Dhaka University of Engineering & Technology, Gazipur

External Examiner

Acknowledgement

First of all, thanks to ALLAH, ALHAMDULILLAH because I am very much blessed as I have successfully reached towards the final semester. From the very beginning of my university life, I have learned a lot about software engineering as well as core computer science related knowledge from my course teachers. Moreover, they teach us ethics, morality and politeness.

It is a fortunate opportunity for me as a student of the Department of Software Engineering, one of the exalted academic cancers of the Science and Information Technology Faculty of the Daffodil international University, to express my deep feelings of gratitude to the department and to my honorable teachers and also to the department staff.

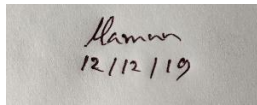
Besides, I am so much thankful to my parents that, I was always supported by them. They always prioritize my opinion and inspired me as well.

I am also so many grateful to my supervisor **Farhan Anan Himu**, Lecturer, Department of Software Engineering, FSIT. Daffodil International University, Dhaka, for his excellent guidance, inspiration, encouragement and also for allowing me to work with this project. It was not possible for me to complete my thesis paper successfully without his help.

Specially, I am very thankful to my friend, elder and younger brothers of our university who always appreciate me to my studies and my daily works for learning new ones.

DECLARATION

We hereby declare that we have taken this thesis under the supervision of **Farhan Anan Himu, Lecturer, Department of Software Engineering, Daffodil International University**. We also declare that neither this project nor any part of this has been submitted elsewhere for award of any degree.



Md: Mamun Sikder

ID: 161-35-1574

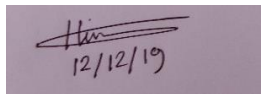
Batch: 19th

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

Certified by:



Farhan Anan Himu

Senior Lecturer

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

Abstract

Photography Blogs from thousands of blogs on the web ranked by relevancy, social engagement, domain authority, web traffic, freshness and social metrics. Subscribe to these websites because they are actively working to educate, inspire, and empower their readers with frequent updates and high-quality information.

I have started to develop this project from April. From the very starting of development of this project, it demands hard working, patients, persistency to meet the requirements of stakeholders. After that I have proposed the design. And then started to work.

Database plays a vital role for any application software. And so this is why, I have designed the database diagram having tables with proper relationship. After that, I have prepared the user interface and take their approval to continue to the next part. It is to be said that, the interface of my application is very simple and easy to understand. After completing that, I have started to write the core functionality of the project.

Developing project is not end of all tasks actually. There are some other important tasks to perform. And that is testing. It is also known as quality assurance also. Almost at every software company there are a quality assurance team. Their main responsibility is to find the loop holes or vulnerability of software. If there any bug remains before handover to the stakeholders, there is a change to ruin the whole project. So testing plan is very important. And after developing the project, I have tried to assure the quality of this project.

Table of Contents

Chapter 1.....	1
1 Introduction.....	2
1.2 Project Overview.....	2
1.2. Backgroun.....	2
1.2.2 Benefits & Beneficiaries.....	2
1.2.3 Goals.....	3
1.3 Stakeholders.....	2
1.4 Project Schedule.....	3
1.4.1 Gantt Chart	3
1.4.2 Release Plan or Milestone.....	4
Chapter 2.....	5
2.1 Functional Requirements.....	6
2.2 Data Requirements.....	6
2.3 Performance Requirements.....	7
2.3.1 Speed & Latency Requirements	7
2.3.2 Precision & Accuracy Requirements	7
2.3.3 Capacity Requirements	7
2.4 Dependability Requirements	8
2.4.1 Reliability & Availability Requirements.....	8
2.4.2 Robustness or Fault-Tolerance Requirements.....	8
2.4.3 Safety-Critical Requirements.....	8
2.5 Maintainability & Supportability Requirements	8
2.5.1 Maintainability Requirements.....	8
2.5.2 Supportability Requirements.....	9
2.6 Security Requirements	9
2.7 Usability and Human-Interaction Requirements.....	9

2.7.1 Ease of Use Requirements.....	9
2.7.2 Personalization and Internationalization Requirements.....	9
2.8 Look and Feel Requirements.....	10
2.9 Legal Requirements.....	10
2.9.1 Compliance Requirements.....	10
2.9.2 Standards Requirements.....	10
Chapter 3.....	11
3.1 Use Case Diagram.....	12
3.2 Use Case Description.....	13
3.2.1 Manage account.....	13
3.2.2 Photographerprofile.....	13
3.2.3 Photographer Gallery.....	14
3.2.4 Manage Client profile.....	14
3.2.5 Manage Request.....	15
3.2.6 Manage Rating.....	15
3.3 Activity Diagram.....	16
3.3.1 Manage account.....	16
3.3.2 Manage Photographer profile.....	17
3.3.3 Manage Photographer.....	18
3.3.4 Manage Client profile.....	19
3.3.5 Manage Request.....	20
3.3.6 Manage Rating.....	21
3.4 Sequence Diagrams.....	22
3.4.1 Admin Login.....	22
3.4.2 Client Profile.....	23
3.4.3 Photographer Profile.....	24
3.4.4 Manage Photography.....	25
3.4.5 Photographer Gallery.....	26

3.4.6 Job Request.....	27
3.4.7 Manage Rating	28
3.5 ER Diagram.....	29
Chapter 4.....	30
4.1 Development tools and technology	31
4.1.1 User Interface Technology	30
4.1.1.1 CSS framework or Bootstrap.....	30
4.1.1.2 JQuery UI.....	31
4.1.1.3 Programming Language.....	32
4.1.2 Implemented tools and platform.....	32
4.1.2.1 Integrated Development Environment.....	32
4.1.2.2 Web Server.....	32
4.1.2.3 Database Server.....	32
4.2 Class Diagram	33
Chapter 5.....	34
5.1 Testing Features.....	35
5.1.1 Features to be tested	35
5.1.1.1 Part of User.....	35
5.1.1.2 Part of Admin.....	36
5.1.1.3 Part of Photographer.....	36
5.2. Pass / Fail Criteria.....	37
5.2.1 Testing Schedule.....	37
5.3 Testing Environment	38
5.4 Test Cases.....	38
Chapter 6.....	39
6.1 Home Page	40

6.2 Admin Login page	41
6.3 Users & Photographer Login Page.....	41
6.4 Login Home Page.....	42
6.4.1 Login Home page 1.....	42
6.4.2 Login Home page 2.....	42
6.5 Photographer Upload photo.....	43
6.6 Photographer Gallery.....	43
Chapter 7.....	44
7.1 GitHub Link	45
7.2 Project Summary	45
7.3 Limitations.....	45
7.4 Obstacles and Achievements.....	45
7.5 Future Scope.....	46
7.6 References.....	46

Chapter 1: Introduction

1. Introduction:

When a client is looking for a photographer for birthday, wedding, reunion, graduation, engagement, one of the first places they are going to go to the internet. Photography business should have a website where clients can find out how much cost, and to look at your portfolio. A website is definitely a big deciding factor in choosing a photographer.

1.1 Project Overview:

Once you become a professional photographer you might feel obliged to promote your work at a more advanced level, rather than simply upload your photos to Facebook or Instagram. That's when your own website could come in handy. A website is must have tool since this is the bedrock of all your marketing efforts. A photographer's site may in the near future become the only appropriate way to present your portfolio to your potential customers. Many professional photographers use websites to promote their workshops so as to make extra money by advising. There are many reasons why you can need a personal photographer's website. To reach prospective clients by demonstrating your works, to promote photos, to sell them, to organize workshops, to share posts. After all, you may need it simply to look professional within the photographers' global community. Your website design also plays essential part in promoting your work, it reflects your general style right away, literally at first glance. The personal website provides your customers with all necessary information descriptions, prices, service. As a rule, those clients who are aware of the details tend to place more orders, rather than those who failed to find such information about a photographer.

1.2 Background:

Photography website is the foreground of your business, it's the first point of contact for fans or buyers. Even though every photographer envisions his/her website differently, some details should always be there.

1.2.2 Benefit & Beneficiaries:

1. An online system that you can control in your home.
2. Website gives you more instant credibility.
3. Website builds your email roll.
4. Website gives you an easy place to send potential clients.
5. Website makes money.
6. Set yourself apart.
7. Your website is your curriculum vitae.

Beneficiaries are Admin, Client, Photographer

1.2.3 Goals:

Some goals:

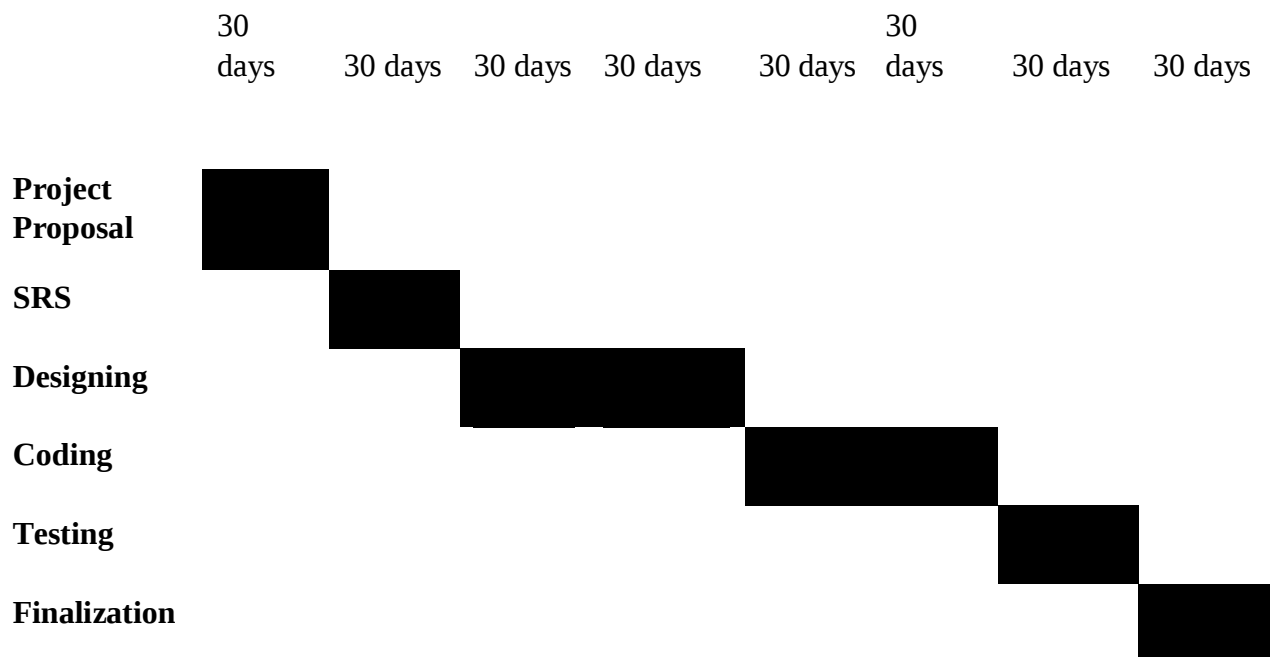
- Increased add.
- Becoming an authoritative resource.
- Improve interaction with existing and potential customers.
- Build your brand.

1.3 Stakeholders:

Admin, Client, Photographer, Developer.

1.4 Project Schedule:

1.4.1 Gantt Chart:



Release name	Date
1 st release	
2 nd release	

1.4.2 Release Plan/Milestone:

Famous photography milestone pictures (such as the first photo, the first color photo, and the first photo of movement) in this photo gallery, from National Geographic.

Chapter 2: Software Requirement Specification

2.1 Functional Requirements

Requirements 1	Photographer Gallery.
Description	After confirming account then the photographer can upload photo on his/her photo gallery.
Stakeholders	Photographer

Requirements 2	Request for jobs.
Description	User can easily see photographer gallery, but user create account then he/she request job .
Stakeholders	Client , Photographer.

Requirements 3	Rating
Description	After client had gotten services, then he/she gives rating on performance.
Stakeholders	Client, Photographer.

2.2 Data Requirements:

For defining data requirements, we need to build the model. For our application maximum data would be loaded from client or photographer. Some major point

Such as:

- Good deals without trouble
- Different types photographer
- Experiences photographer

2.3 Performance Requirements:

It is very important to maintain performance of any software system. To ensure performance, we need to maintain some steps. Now, I will explain some perspective by which we are going to enhance the performance of our project

2.3.1 Speed & Latency Requirements:

Speed and latency requirements must be ensured while retrieving data from the cloud server.

SLR-1	Search result must be faster
Description	When client search photographer categories & info then the search result must show within seconds.
Stakeholders	Client , system.

2.3.2 Precision & Accuracy Requirements:

Results that is to be shown to the end user is need to be accurate. Because, wrong information might be ruined the whole business process.

PAR-1	Search result must be accurate
Description	When client search photographer categories & info then the search result must be shown according to the searching option.
Stakeholders	Client ,System.

2.3.3 Capacity Requirements:

The developed system by us must be capable to handle user data, provide accurate information, handling database, manage http request etc.

CR-1	The system will handle thousands of data
Description	The system need to handle data thousands of data every moment.
Stakeholders	Planning Manager , System.

2.4 Dependability Requirements:

The term dependability is measured based on four dimensions. Such as:

- Availability
- Reliability
- Safety
- Security

2.4.1 Reliability & Availability Requirements:

RAR-1	The system must be available on everyday
Description	• System must be available all day long, every day in a week • The system must be updated regularly
Stakeholders	Admin , Developer

2.4.2 Robustness or Fault-Tolerance Requirements:

RFT-1	The system handles developer access without system errors
Description	To ensure robustness and fault-tolerance facilities to the end users, it is urgent to ensure
Stakeholders	Developer

2.4.3 Safety-Critical Requirements:

There are safety-critical requirements in our project.

2.5 Maintainability & Supportability Requirements:

It is very important to provide after service or support to the end users.

2.5.1 Maintainability Requirements:

Not available for this project.

2.5.2 Supportability Requirements:

Supportability requirements may have related to some extends. Like:

- Testability
- Maintainability
- Configurability
- Serviceability
- Install ability

Our application meets all of the above requirements related to supportability.

2.6 Security Requirements:

Security requirements are very important for any website. Some security related requirements is given below:

- Registration handle by admin
- Account delete handle by admin

2.7 Usability and Human-Interaction Requirements:

2.7.1 Ease of Use Requirements:

Our application is easy to use and also easily understandable.

EUR-1	Website must be usable for the users
Description	This websites usable to the developer by which he can operate this system easily.

2.7.2 Accessibility Requirements:

Documentation are mainly two types. One is internal documentation which is generally written by the application engineers. It is prepared to make development life cycle easier for the system engineers or system analysts.

UDR-1	The system engineer documentation
Description	To develop our website named Event & Wedding Photography , firstly we have make a system analysis team as well as documentation team.

2.8 Look and Feel Requirements:

Look and feel requirements mainly refers how the system will look like and how the user interface of our system will display to the users

2.9 Legal Requirements:

Refer to the terms and conditions or privacy policy of any organizations. The terms and condition of our application is that, no third party software or person are allowed to engage to use our data for their business purpose.

2.9.1 Compliance Requirements:

Have no specific compliance requirements for our system.

2.9.2 Standards Requirements:

There are no specific standards requirements for our system.

Chapter 3: System Analysis

3.1 Use Case Diagram:

I have drawn use case diagram, here have all of my project case list. This diagram clearly describe my website.

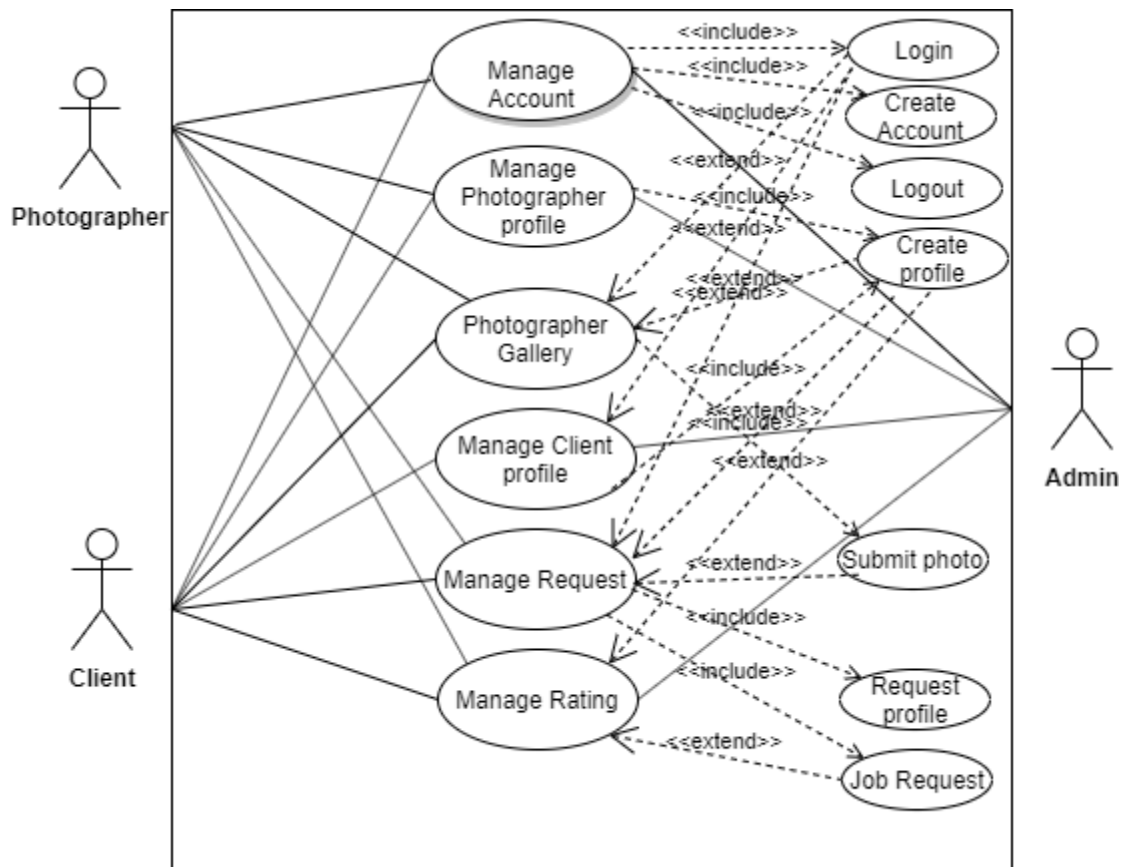


Fig: Use case diagram

3.2 Use case Description:

3.2.1 Manage account:

Name	Manage Account
Description	The Manage Account use case allows the User to update the User Account information maintained in the user's account.
Actors	User,Photography.
Triggers	Create account button.
Precondition	Must be signed in before the user can edit or deactivate account. See the sing in use case.
Post condition	User entered data is stored in the user account.
Main Flow	The system displays the User Account information currently stored for user The system validates the entered User Account information.
Alternate Flow	The system describes which entered data was invalid and presents the User with suggestions for entering valid data. The User re-enters the information and the system re-validates it.

3.2.2 Photographer profile:

Name	Photographer Profile
Description	Here have different type of photographer profile
Actors	Photographer
Triggers	Login button
Precondition	Must have an account
Postcondition	• Insert new photo • Edit or delete photo
Main Flow	• Must need good profile • User can easily Choose
Alternate Flow	• Invalid input for login • Registration failed

3.2.3 Photographer Gallery:

Name	Photographer Gallery.
Description	Different types of photos, here have store. Photographer details.
Actors	Photographer.
Triggers	Photographer profile.
Precondition	Must have a photography account. Photographer details need.
Postcondition	User see photographer gallery. Choose photographer & offer job.
Main Flow	Need a Stander gallery. Need good rating & experienced.
Alternate Flow	Gallery not stander.

3.2.4 Manage Client profile:

Name	Manage Client Profile.
Description	Job request for photographer, Client need account.
Actors	Client.
Triggers	Login button.
Precondition	Must have account. Must all correct.
Postcondition	Photographer job request. Performance rating.
Main Flow	Must have account.
Alternate Flow	Don't offer job .

3.2.5 Manage request:

Name	Manage Request.
Description	User choose photographer than him job request.
Actors	Client.
Triggers	Client profile.
Precondition	Must have account.
Postcondition	Choose photographer and get services.
Main Flow	Easily choice photographer. Different types of photographer.
Alternate Flow	Wrong information then you do not get services.

3.2.6 Manage Rating:

Name	Manage Rating.
Description	User have gotten services then he/she give rate.
Actors	Client.
Triggers	Get service.
Precondition	Must got services.
Main Flow	Other user can see rating before services. Easily find out good photographer.
Alternate Flow	Experience inexperience find out not easy.

3.3 Activity Diagram:

According to use case I draw activity diagram step by step.

3.3.1 Manage account:

First of all, this is the first step of activity diagram for admin or new user.

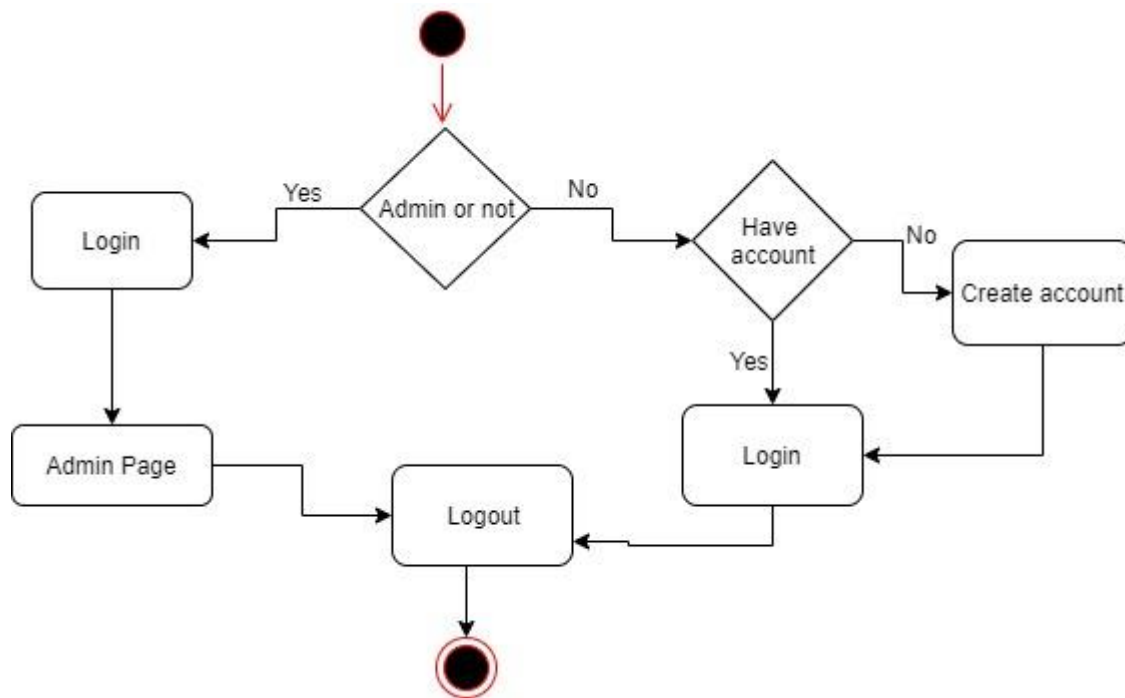


Fig: Manage account

3.3.2 Manage photographer profile:

Photographer have account then he/she can go photography profile. Admin can delete fake profile.

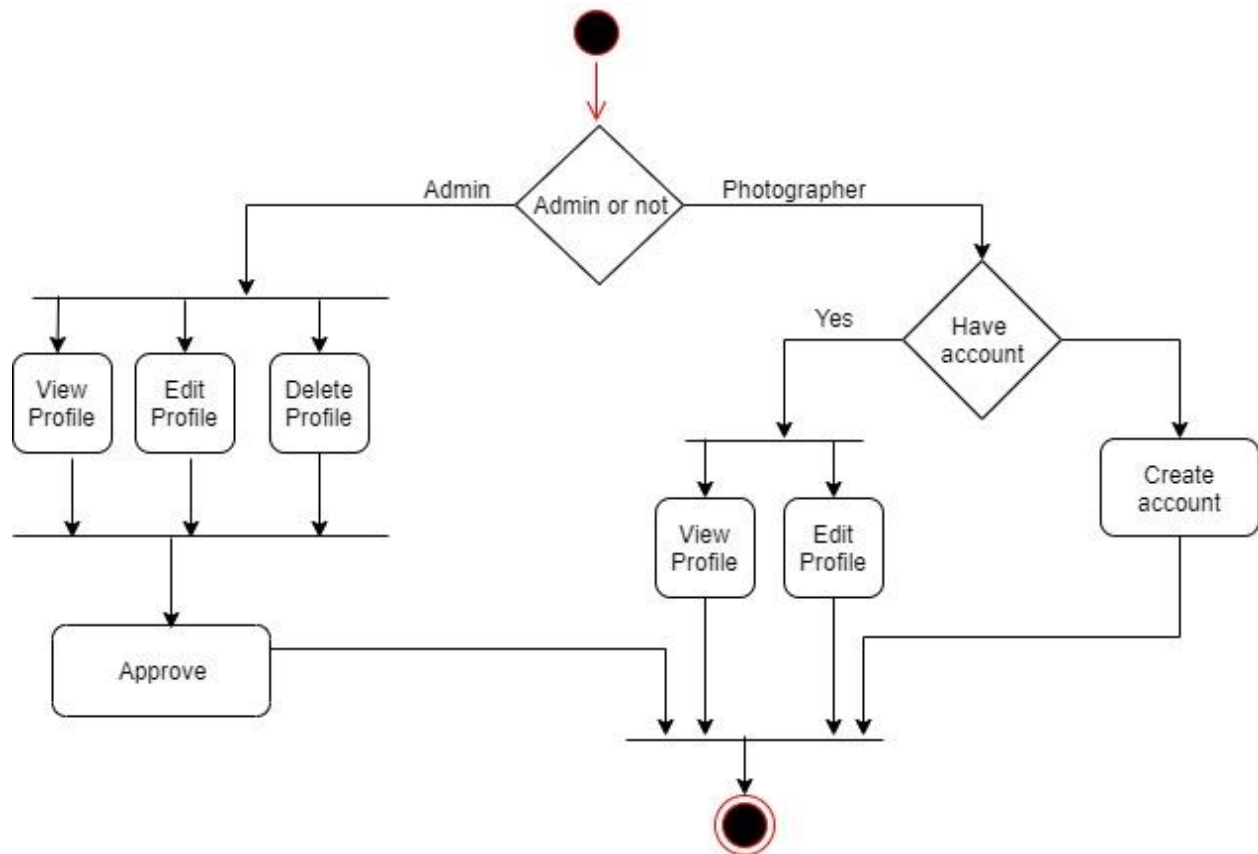


Fig: Manage photographer profile

3.3.3 Manage photographer:

First the photographer create account then he add gallery and give services user.

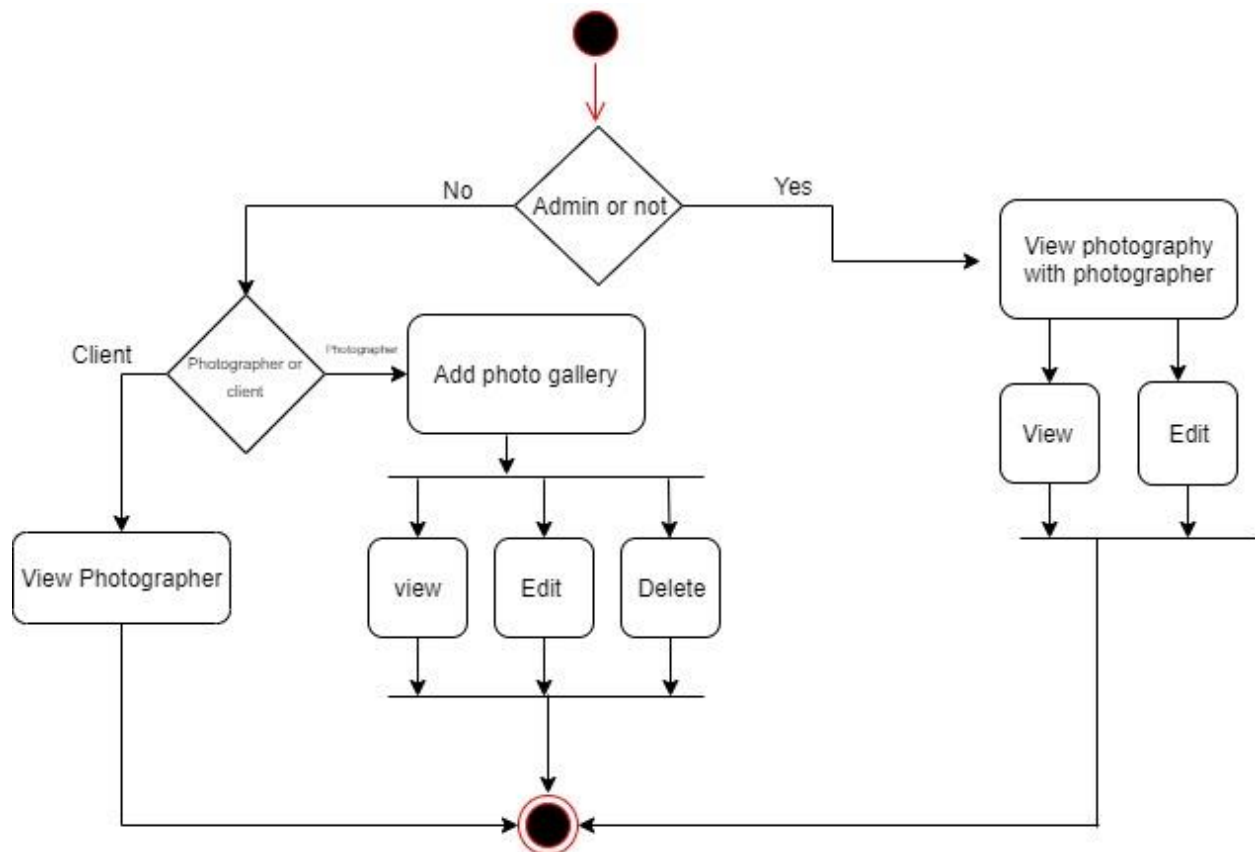


Fig: Manage photographer

3.3.4 Manage client profile:

New user can view photographer profile but then get services must create an account.

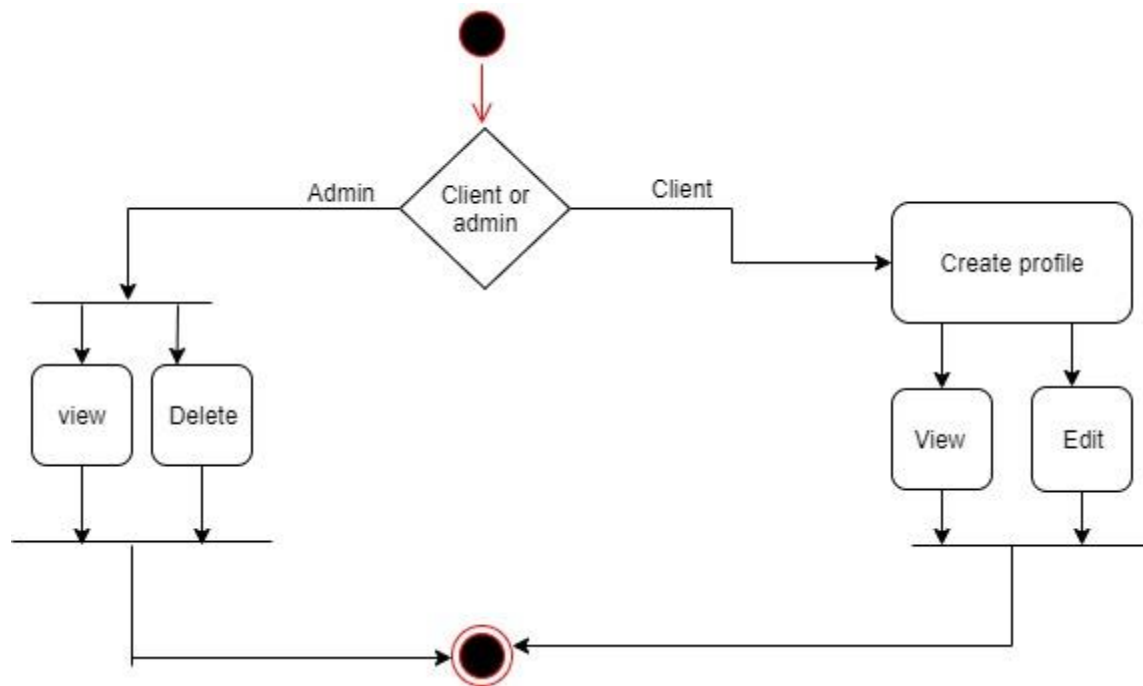


Fig: Manage Client Profile

3.3.5 Manage Request:

This case need for photographer and client, here have one get and other give service. Others two option

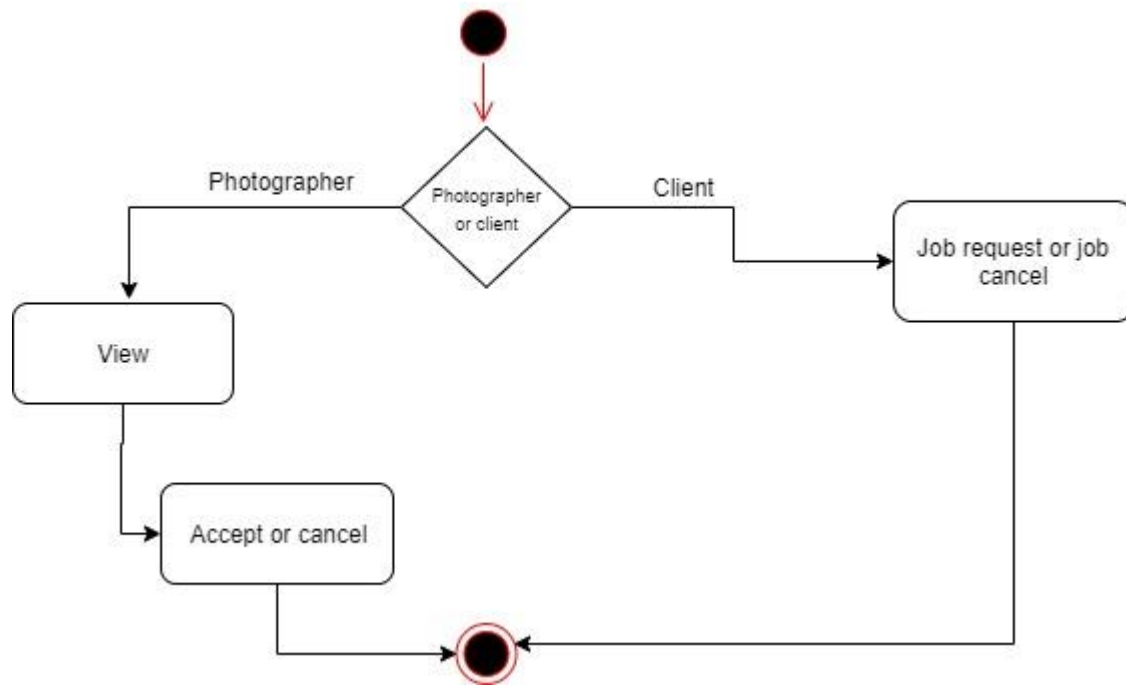


Fig: Manage request

3.3.6 Manage rating:

After get service then the client can rating photography on his/her performance. New user can see rating , easily choose good photography.

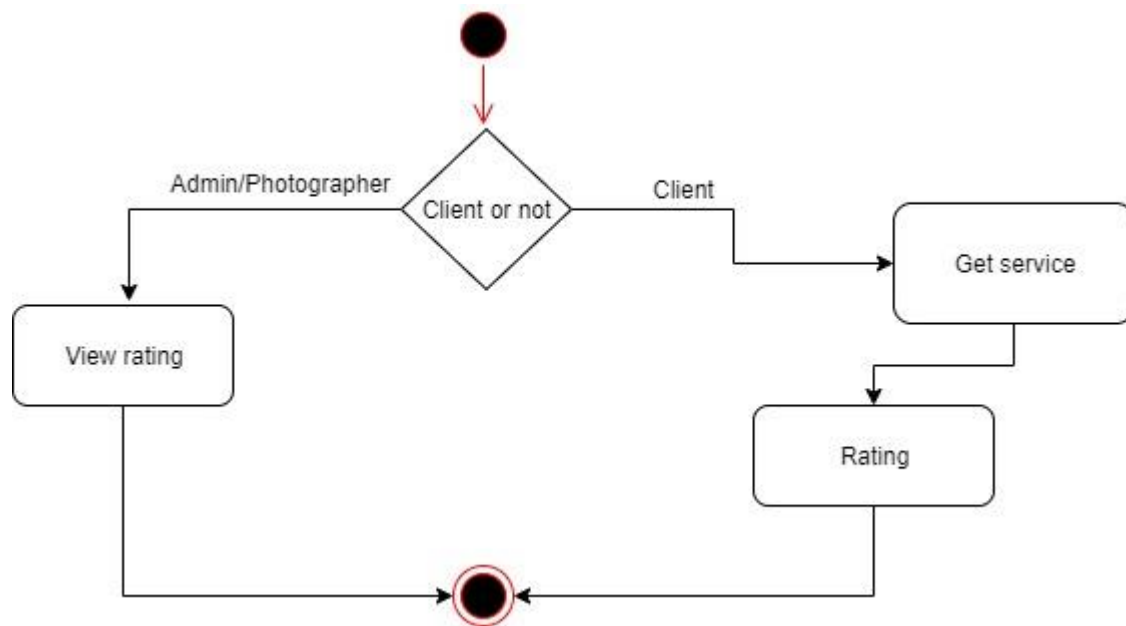


Fig: Manage Rating

3.4 Sequence Diagram:

Here, Full use case work step by step in sequence diagram.

3.4.1 Manage account:

First of all, this is the first step of sequence diagram for admin or new user.

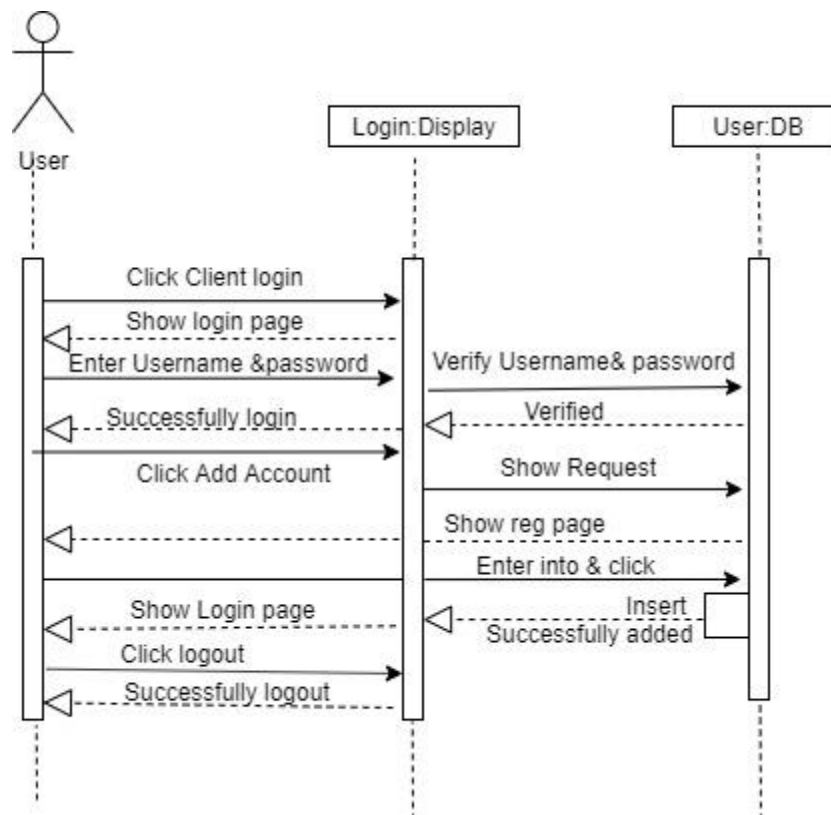


Fig: Manage account

3.4.2 Manage Client Profile:

Get service before user need account, here client full information.

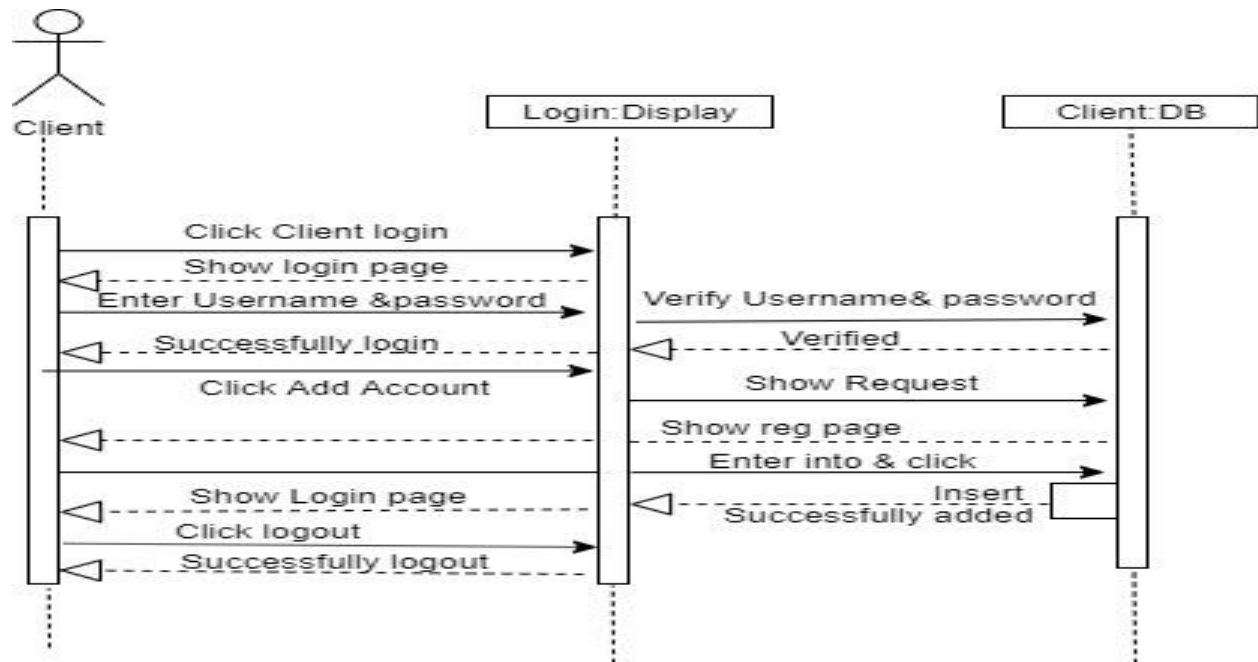


Fig: Client Profile

3.4.3 Photographer profile:

After login then the user add photo into gallery. User can view it.

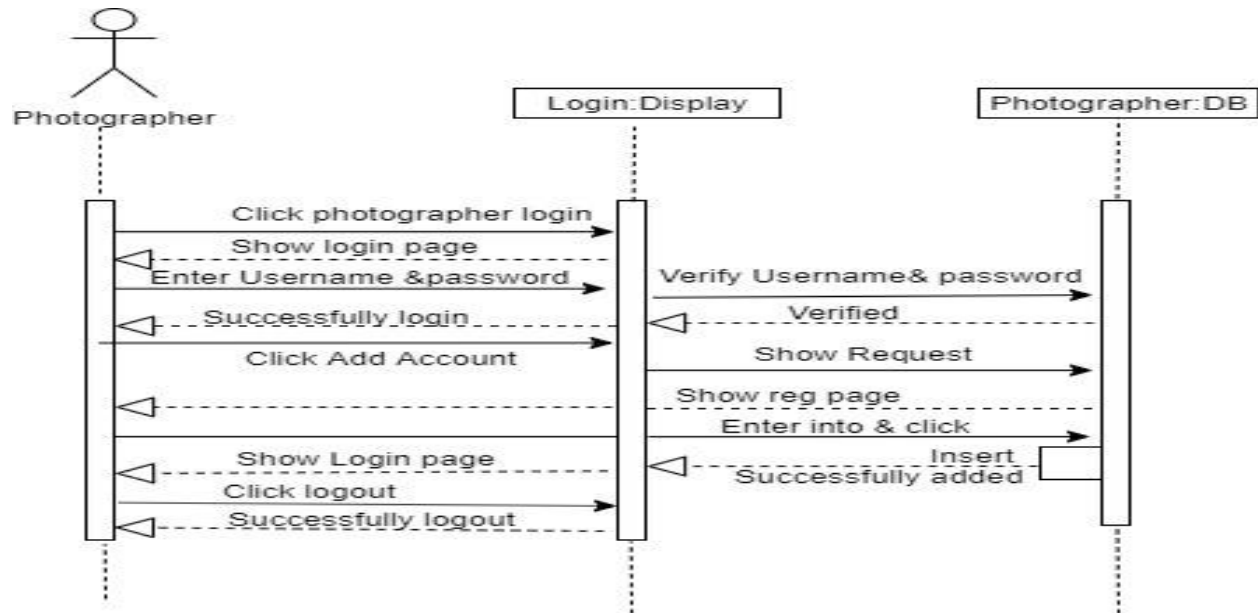
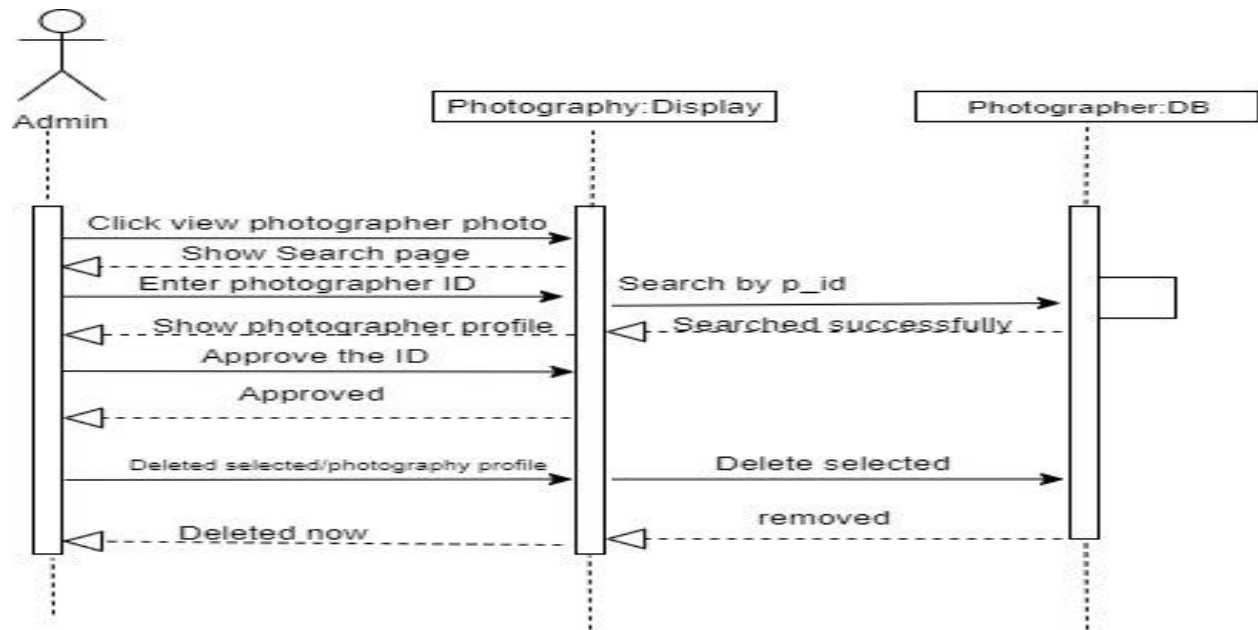


Fig: Photographer Account

3.4.4 Manage Photography:

Photographer who work into this website have need account.



Manage Photography

3.4.5 Photographer Gallery:

Here have huge photographer document ,client can choose photography easily.

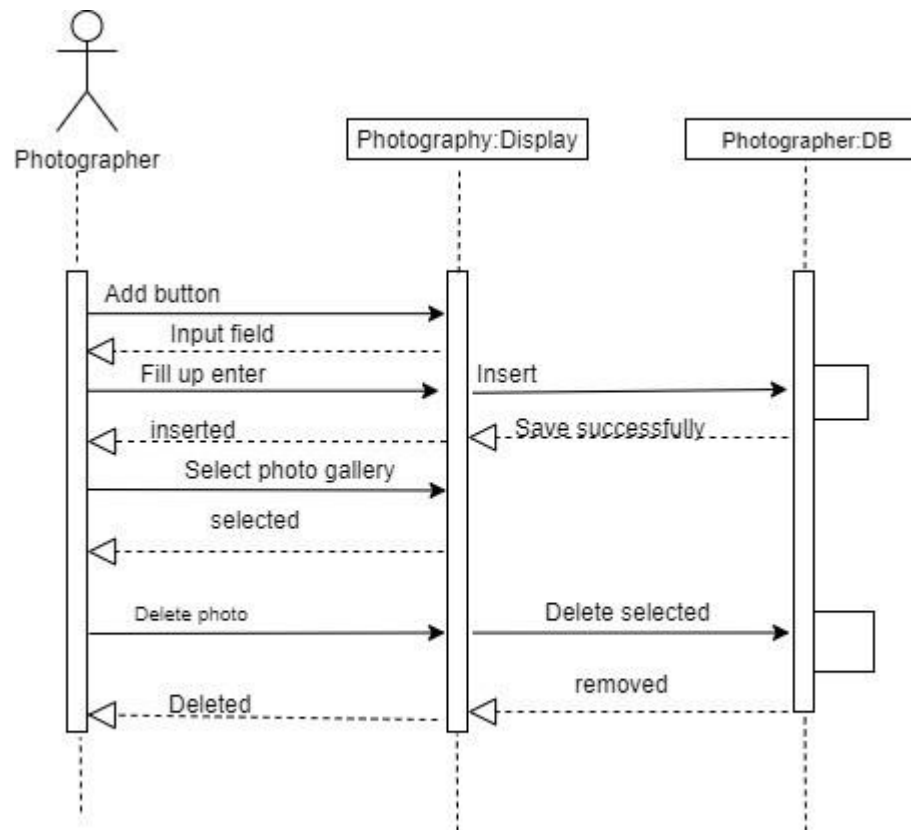


Fig: Photographer Gallery

3.4.6 Manage job request:

Client choose photographer then offer job request.

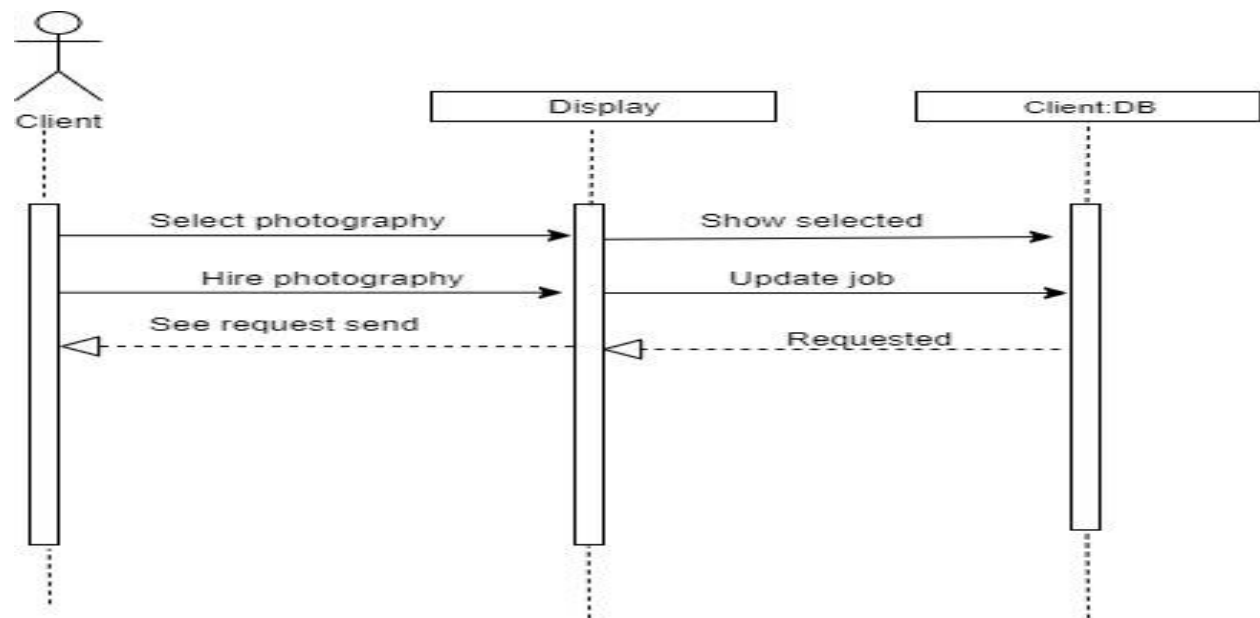


Fig: Client Job Request

3.4.7 Manage rating:

Got services then client give rate on photographer performance.

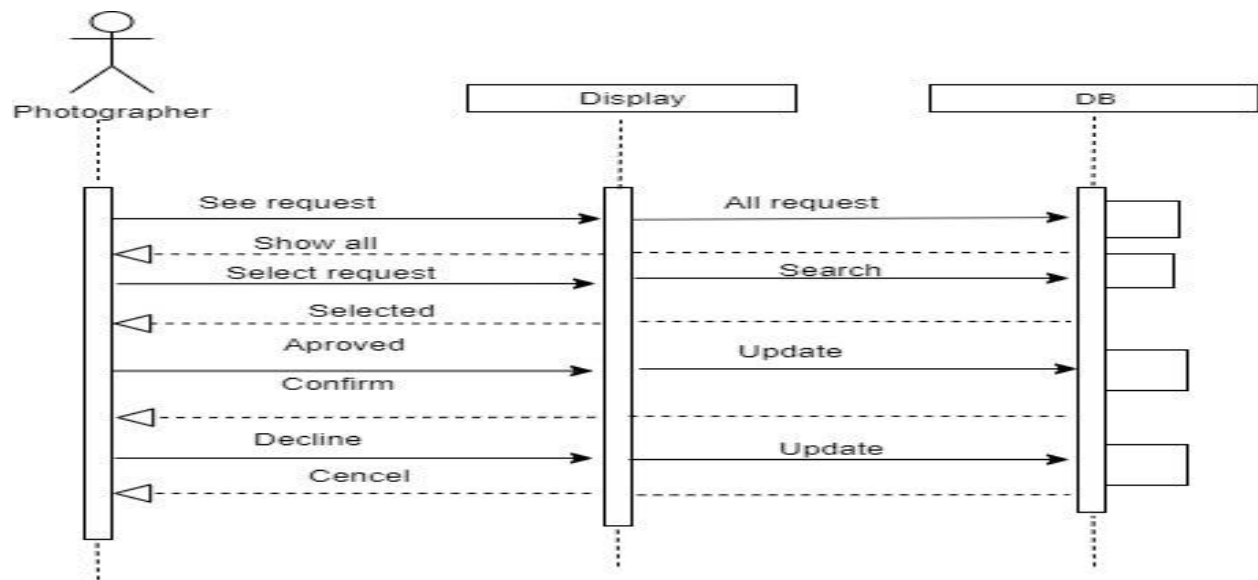
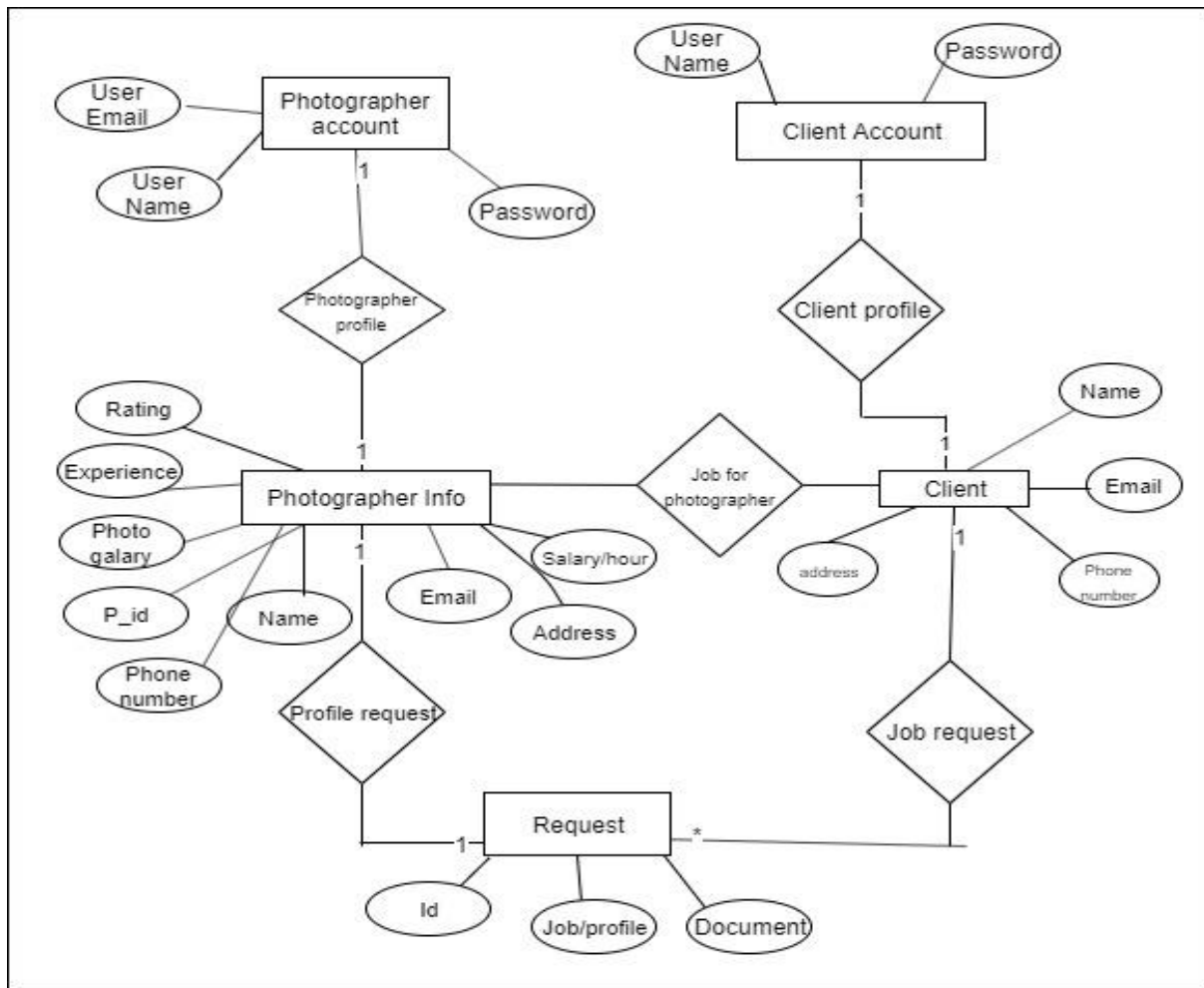


Fig: Manage Rating

3.5 ER Diagram:



Chapter 4: System Design Specification

4.1 Development tools and technology

Software development tools are used to develop software. There are different kinds of tools for software developers to make the process of software development very smoothly. But now I will mention some of tools that I am using to develop my project.

4.1.1 User Interface Technology

First of all, after landing any application, interface of that software is appeared to the user. So, the importance of user interface is very high. For success of any software application, a good looking user interface plays a vital role. User interface includes using good image, graphics, typography, stylesheets, scripting etc.

4.1.1.1 CSS framework or Bootstrap

After completing markup, cascading style sheets are designed. It generally explains how HTML elements will display. There are three ways to write stylesheet. One internal CSS, another is external CSS. And last one is inline CSS. But most of time external CSS is used. Because, by using external CSS, all CSS data can be kept in different files. But nowadays CSS framework seems to be very popular. In our application, I have used Bootstrap4. This framework is developed mainly for CSS and JavaScript. It is a free and open source front-end framework. This framework is highly used for designing website and web application also. This framework supports almost every browser. Like Google Chrome, Mozilla Firefox, Opera, Safari, Internet Explorer etc. Bootstrap also provides media query which features responsive layout for different devices with different screen size. Bootstrap provides a set of some files which contains stylesheets which gives basic definition. Bootstrap also provides some JavaScript components also. There are some built in components like JQuery UI. By using Bootstrap framework, we get both CSS and JavaScript facilities with a single platform. But before start designing an application interface with Bootstrap, one may have some basic knowledge about this framework. It will increase the efficiency.

4.1.1.2 JQuery UI

JQuery UI is a name of library which uses JavaScript as core programming language. It simplifies codes of a programming language named JavaScript. Generally, it interacts with Graphical User Interface (GUI). It also provides visual effects with animation. It can also override cascading style sheets. It is also a subset of JavaScript. By using AJAX no page reloading is required. It is also compatible with any browser like Google Chrome, Mozilla Firefox, Opera, Safari, Internet Explorer etc.

4.1.1.3 Programming Language

For developing any application system minimum one programming language is essential. In my application, there are two different programming language is used. One is for front-end side. And another is for server side. The front-end language that I have used to my application is HTML. And the server side programming language name is PHP which stands for Hypertext Preprocessor. Both of them are open source general purpose scripting language.

4.1.2 Implemented tools and platform

As I have said before, there are some tools and technologies that need to be used for developing software. It is very important to determine which tools and platforms are the best match of my requirements. After making a proper decision, one need to start using them.

4.1.2.1 Integrated Development Environment

IDE stands for Integrated Development Environment. Programmers write code on IDE. After that IDE provide the feature to execute the source code. For developing my web application, I have used an IDE.. To develop my web version, I have used SublimeText which is powered by Sublime HQ Company. It is a commercial IDE for cross platform environment. It is able to suggest code to the programmers also.

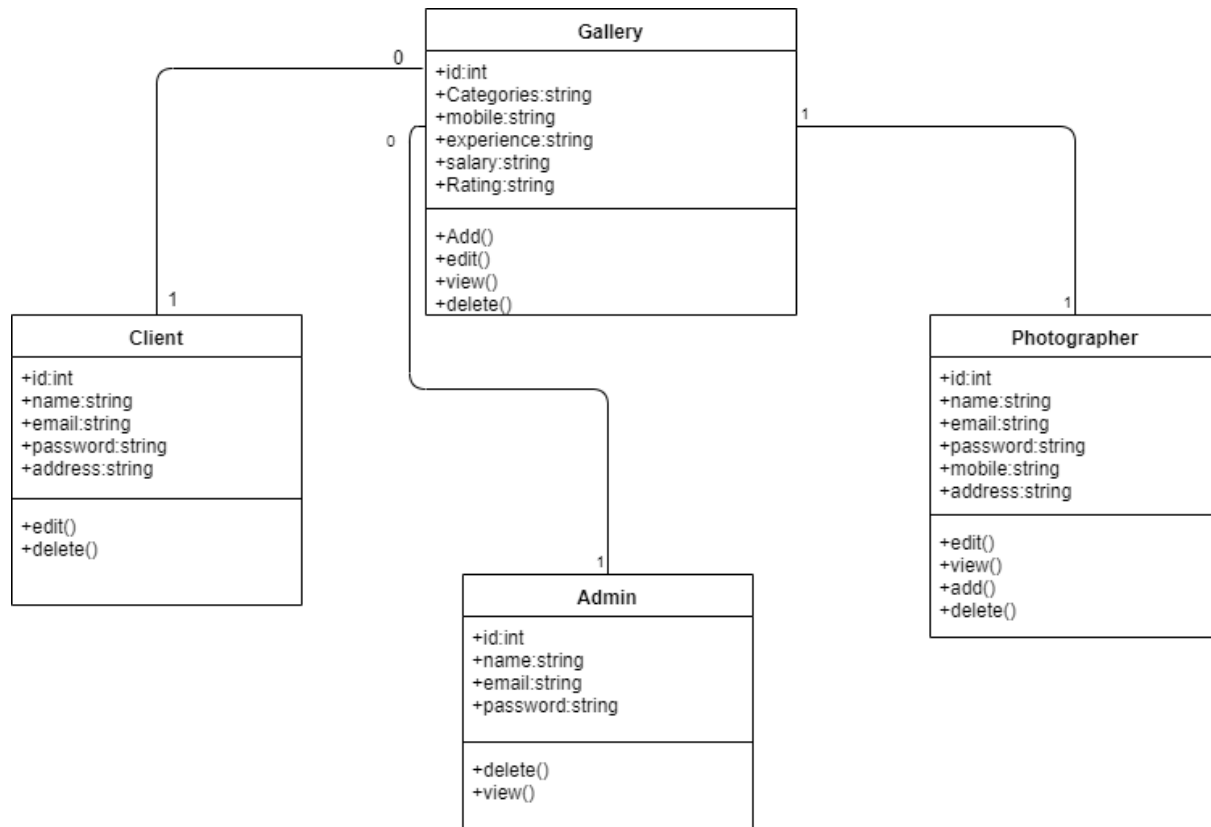
4.1.2.2 Web Server

We have used xampp apache server. It is a free and open source software to use. It can be used on cross platform. It supports a wide range of features and most of them are already implemented as compiled modules. This module can extend the main features or core functionality.

4.1.2.3 Database Server

For developing our whole project, we have followed Relational Database Management System or RDBMS. And we find that MySql provides the feature of RDBMS. So we should not have any issue to use MySql database. It is also very easy to use. It can also ensure the security, scalability, high performance and many things.

4.2 Class Diagram:



Chapter 5: System Testing

5.1 Testing Feature:

Feature Testing is consult to making adjust in software program machine to add new capabilities or to make changes existing functions. A take a look at the set is want to write for test the function and function of the device. All feature and feature are not the same.

5.1.1 Feature to be tested:

Here,

1 = Base Priority.

2 = Medium Priority.

3 = Top Priority.

5.1.1.1 Part of User:

Features	Priority	Description
Login	3	User must be authenticated through login.
Logout	2	The session needs to be destroyed after logout.
See Gallery	2	User can see photographer gallery for job request.
Rating	1	User see photographer rating and experiences view .
Categories	1	User choose photographer types.
View Profile	3	User can able to see his profile.
Update profile	3	User can be update his profile.

5.1.1.2Part of Admin:

Features	Priority	Description
Login	3	Admin must be authenticated through login.
Logout	2	The session needs to be destroyed after logout.
Rating	2	Admin can view photographers rating.
Remove	1	Admin can delete photographer profile.
View Profile	3	Admin can able to see his profile.
Update profile	3	Admin can be update his profile.
Delete profile	1	Admin can be delete his profile.

5.1.1.3 Part of Photographer:

Features	Priority	Description
Login	3	Photographer must be authenticated through login
Logout	2	The session needs to be destroyed after logout
Remove	1	Photographer can delete his/her account
View Profile	3	Admin can able to see his profile
Update profile	3	Admin can be update his profile
Delete profile	1	Admin can be delete his profile

5.2. Pass / Fail Criteria:

- Before stop defines it
- The four steps describes evaluation process.
- The process describes to record incidents back to requirement.

5.2.1 Testing Schedule

Test Phase	Time
Testing plan create	1 Week
Test specification	2 Week
Unit testing	During development time
Component test	1 Week
Integration testing	1 Week
Validating use cases	1 Week
Testing user interfaces	1 Week
Load testing	1 Week
Performance testing	1 Week
Release to production	1 Week

5.3 Testing Environment:

- Test records
- Database server
- Client's running device
- Photographer gallery
- System and Website
- Network

People are involved:

- System Admins
- Developers
- Testers

5.4 Test Case:

- Firstly of check image uploaded path.
- Test images upload like PNG,JPG, JPEG etc.
- Test with the image whose names contain space or some special characters.
- Upload false name images.
- Test that if a user can see the uploaded images.
- Images size must be tested
- Check images features pdf or others files
- Check the listed files.
- Check different types images upload function.
- Test image quality after upload.

Chapter 6: User Manual

6. User Manual

6.1 Home Page:

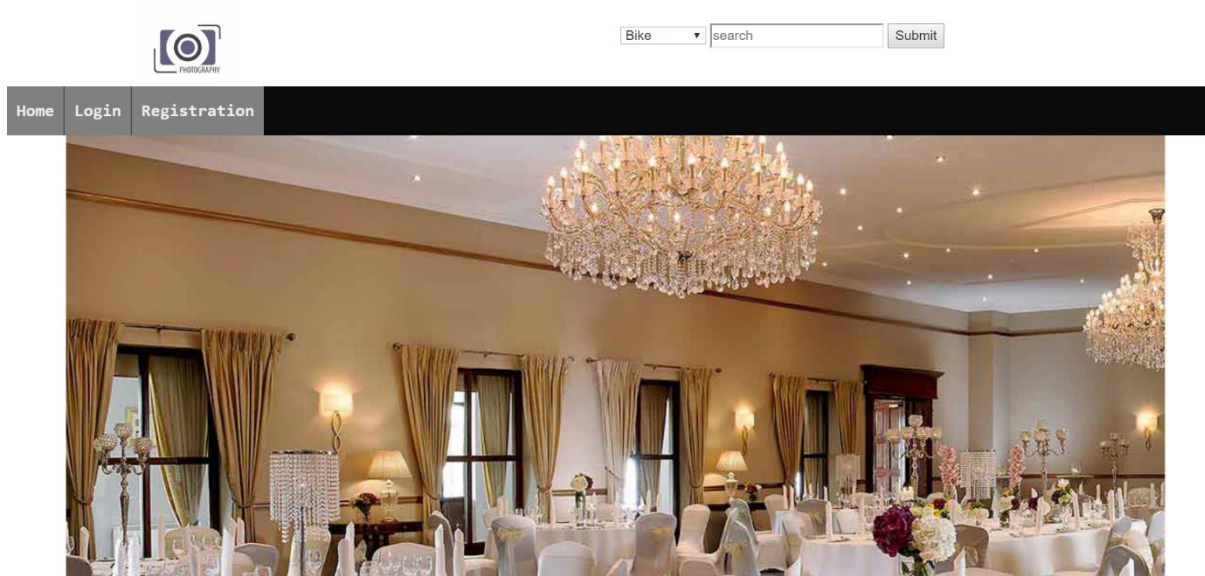


Figure 6.1: Home Page

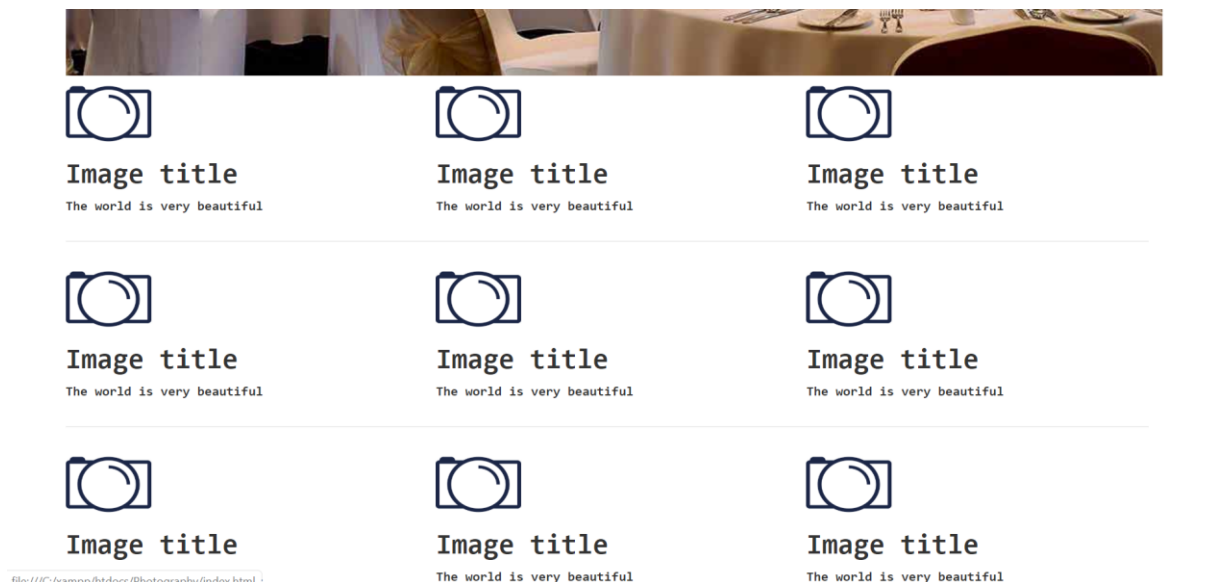
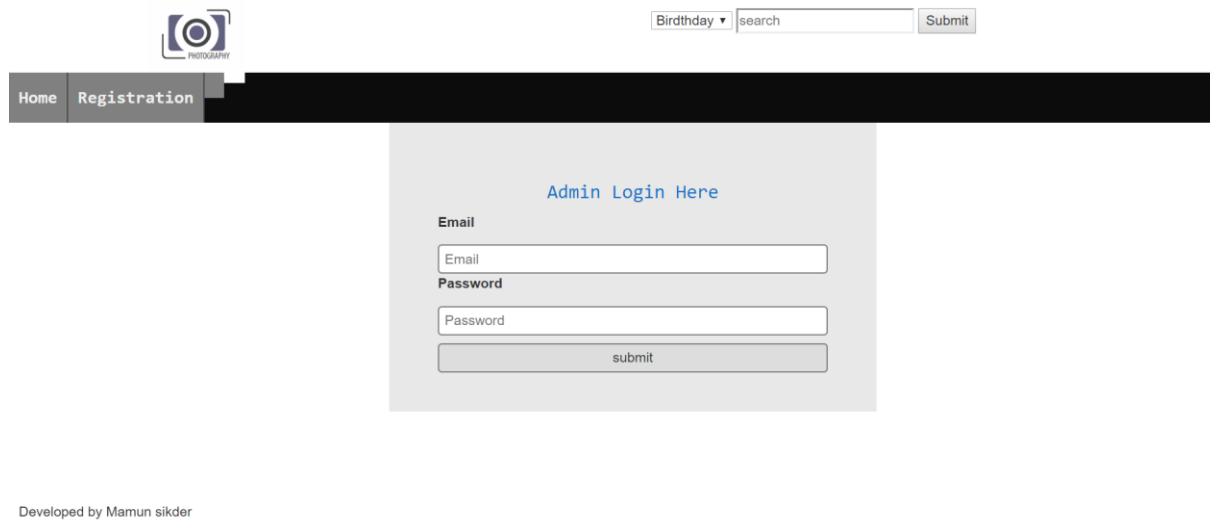


Figure 6.1.2: Home Page

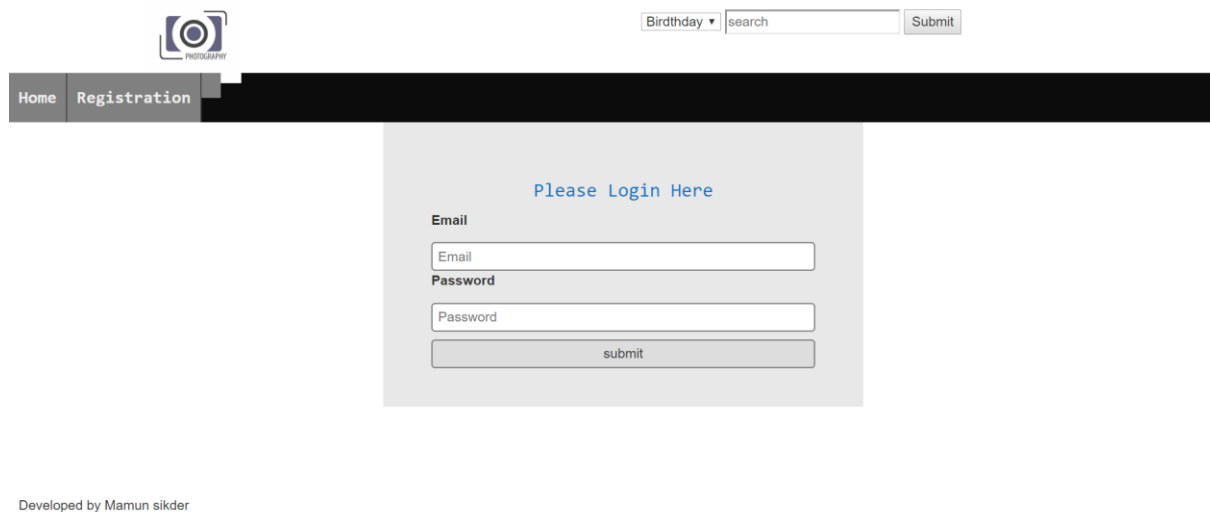
6.2 Admin login page



The screenshot shows the Admin Login page. At the top, there is a logo on the left and a search bar with a 'Birthday' dropdown, a 'search' input field, and a 'Submit' button on the right. Below the logo is a navigation bar with 'Home' and 'Registration' links. The main content area is a light gray box with the title 'Admin Login Here' in blue. It contains two input fields labeled 'Email' and 'Password', and a 'submit' button at the bottom. The footer text reads 'Developed by Mamun sikder'.

Figure 6.2.: Admin Login page

6.3 Users & Photographer Login Page:



The screenshot shows the Users & Photographer Login page. It has the same header and navigation bar as Figure 6.2. The main content area is a light gray box with the title 'Please Login Here' in blue. It contains two input fields labeled 'Email' and 'Password', and a 'submit' button at the bottom. The footer text reads 'Developed by Mamun sikder'.

Figure 6.3 Users & Photographer Login Page

6.4 Login Home Page:

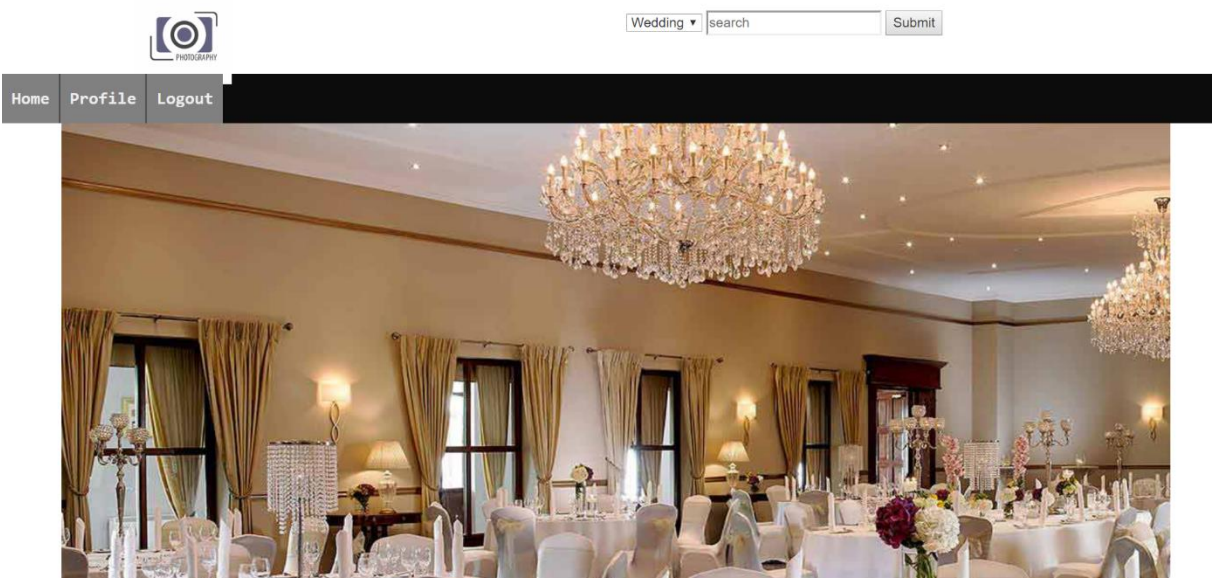


Figure 6.4.1: Login Home Page

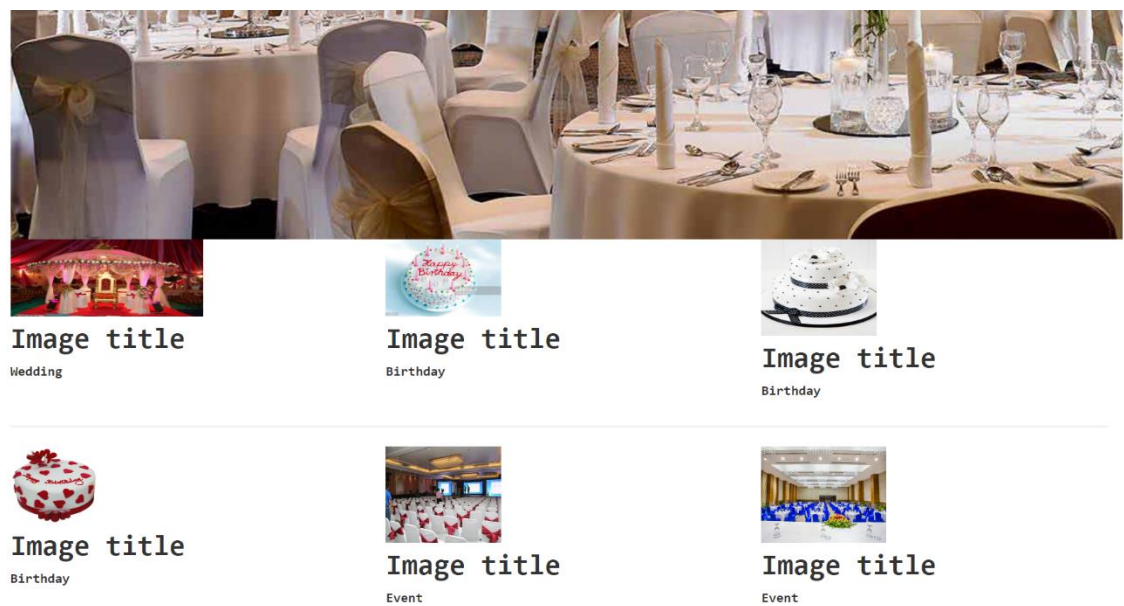
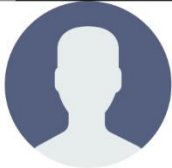


Figure 6.4.2: Login Home Page

6.5 Photographer Upload photo :

HomeLogout



Name: Mamun
Mobile: 01710179926
Email: mamun@gmail.com
Categories: Wedding

Please Upload Your Image

Image Name

Image Category

Event

▼

Image Description

Image description here

Choose Image

Choose File

No file chosen

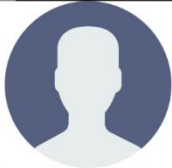
Upload

Developed by Mamun sikder

Figure 6.5: Photographer Upload photo

6.6 Photographer Gallery:

HomeLogout



Name: Mamun
Mobile: 01710179926
Email: mamun@gmail.com
Categories: Wedding



Image title:Wedding

Delete

Edit



Image title:Birthday

Delete

Edit

The world is very beautiful



Image t:

Delete

Edit

The world is ver







Figure 6.6 Photographer Gallery

43 | Page

Chapter 7: Project Summary

7.1 GitHub Link

7.2 Project Summary

I have started to develop this project from April. From the very starting of development of this project, it demands hard working, patients, persistency to meet the requirements of stakeholders. After that I have proposed the design. And then started to work.

Database plays a vital role for any application software. And so this is why, I have designed the database diagram having tables with proper relationship. After that, I have prepared the user interface and take their approval to continue to the next part. It is to be said that, the interface of my application is very simple and easy to understand. After completing that, I have started to write the core functionality of the project.

Developing project is not end of all tasks actually. There are some other important tasks to perform. And that is testing. It is also known as quality assurance also. Almost at every software company there are a quality assurance team. Their main responsibility is to find the loop holes or vulnerability of software. If there any bug remains before handover to the stakeholders, there is a change to ruin the whole project. So testing plan is very important. And after developing the project, I have tried to assure the quality of this project.

7.3 Limitations

For developing this project, I have faced some limitations. Now I will describe those in brief.

- **Sending reports by email:** In our application, there is not having any mailing method directly by which one can contract with others for business purpose. End user need to email or contract with others now by manual way.

7.4 Obstacles and Achievements

I believe that if there are not any obstacles to develop a project, then there doesn't have any challenges. Because we know, challenge give us the opportunity to prove ourselves. Obstacles, challenges and achievements are like a path to the success. Before starting this project, I didn't know the actual flow of software development life cycle. By developing this project, I have learnt to know how to have a row requirement from clients. After that I have learnt system analysis, database design and many things. My supervisor helps me a lot from the very beginning of the development of this project. There are some other obstacles and achievements also that I will describe below.

- **Lack of Actor's Engagement:** There are different types of stakeholders in our full web application. And each actors uses different functionality. And almost they are busy with their day to day activities. So this is why, T&A and Planning manager can't plan or update plan in time.

- **Scope Change:** Sometimes, some features need to be changed or modified. Then I need to follow reverse engineering process. And again designed to meet the new requirements. It also made me frustrated sometimes.

7.5 Future Scope

I have learnt a lot throughout the whole development stage of this project. For making this project developed, I have also meet some young entrepreneurs and enthusiasts also. I am very much thankful to all of them as their idea and discussion gave me some opportunities to make my product complete. It will help me to work with similar type project in future also.

7.6 References

I have gained some knowledge from some platforms. Obviously I will mention those references. For making my project successful those resources help me a lot. Not I will mention the names below.

- www.google.com
- www.youtube.com
- www.github.com
- www.wikipedia.com
- www.php.net
- www.mysql.com
- www.mysql.com/products/workbench
- www.getbootstrap.com
- www.w3schools.com
- www.jquery.com
- www.sublimetext.com/3
- www.stakeoverflow.com