



PROJECT NAME: Event Booking Management (EBM)

BY

Tania Isa

ID: 171-35-180

SUPERVISED BY

NAYEEM HASAN

Lecturer (Senior Scale)

DEPARTMENT OF SOFTWARE ENGINEERING

DAFFODIL INTERNATIONAL UNIVERSITY

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DEPARTMENT OF SOFTWARE ENGINEERING

DAFFODIL INTERNATIONAL UNIVERSITY

APPROVAL

This project titled on “Event Booking Management”, submitted by Name: Tania Isa, ID: 171-35-180 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.

DECLARATION

It hereby declares that this project has been done by me under the supervision of Nayeem Hasan, Lecturer (Senior Scale), Department of Software Engineering, Daffodil International University. It also declare that neither this project nor any part of this has been submitted anywhere else for award of any degree.



Name: Tania Isa

ID: 171-35-180

Batch: 22th

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

Supervised By:



Nayeem Hasan

Lecturer (Senior Scale)

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

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EXCLUSIVE SUMMERY

Arranging an event is a very difficult task. You have to look at the place for the event first, have to look at the food menus or its quality, have to choose the decoration design and also see if there is space in the restaurant in due date or see with a lot more thinks.

Event Booking Management system works all kinds of event related. The customer does not have suffer much to make the event work. The customer does not have go to from side to side. With our system, he can do all kinds of work from home ,such as decoration, place ,food menu or many more .If he want to add extra something ,he can do it After ordering confirm in our system we will look at all the work and arrange everything.

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CHAPTER 01: INTRODUCTION

Currently, there is no organization in our country that does all kinds of related work. Organize an event, the customer has to move around. They face many difficulties. For an event he checks the place of event, food menus or quality, check the space of hotel/ restaurant. **Event booking management** is a business platform and its main work is complete all type event related. This system is a process of organizing a professional and focused event, for a particular target audience. It involves visualizing concepts, planning, budgeting, organizing and executing events such as wedding, musical concerts, corporate seminars, exhibitions, birthday celebrations, theme parties, etc. This system is for those who couldn't maintain an event, they not want to waste of their time, not getting anything according to the budget. Our system will help to them for maintain an event. They don't have to go anywhere for this event, all work done by this system. This system offers features that user can retrieve information for event products and services as well as information of vendors and planners in the shortest possible time. Vendors and planners can also gain benefits of getting more recognition from clients and generating more revenue. Get success in the event management business, user should have strong network contacts of service provider. Make an event successful event manager needs different service provider like Sound systems services, Lighting providers, Canteen services, stage construction, parlor services, photoshoot and so on. Currently system event, Company have to do all management work manually. They keep all payment information on papers or system database.

1.1 Project Overview

The **Event Booking Management** is a business platform, and does all kind of work event's related. With this system customer does not have to go anywhere, he does all kinds of event's related work. In our system offers features that customers can retrieve information for event's place products and services as well as information of vendors and planners in the shortest possible time. Vendors and planners can also gain benefits of getting more recognition from clients and generating more revenue. Customer booking the event then the staff which selective by the author, they will start working on it.

1.2 Project Purpose

The main purpose of the project is Customer get all event information in this system. According the customer budget, they choose their event packages. Customer Save their time. Organization get customer easily. It involves visualizing concepts, planning, budgeting, organizing and executing events such as wedding, musical concerts, corporate seminars, exhibitions, birthday celebrations, theme parties, etc.

1.2.1 Background

Events are celebrations to provide a chance to meet and share happy moments with their family members, relatives, colleagues and friends. A family event is envisaged as an opportunity to see to old friends and relatives and develop new relationships with unknown people. Besides this, events are an integral part of professional life, may it be corporate houses, nonprofit organizations or Government sector. Corporate sector organizes event to present its services or products in an acceptable manner to its ultimate customer(s) as well as to enhance its own image. Such events are seen as an outcome of public relations strategy with inputs from advertising, sales promotion and multi-level marketing. The Government sector uses events as a platform to enhance its own image. Since events of different kinds need to be organized all-round the year. It is the application of project management to the creation and development of festivals, events and conferences.

1.2.2 Benefits & Beneficiaries

If user sees the benefits of using the application, only then they will use it. The benefits of using **Event Booking Management** is given bellow.

- i. Time saving
- ii. Secure to use
- iii. According to the customer budget, they choose their event packages
- iv. Get all event information in this system.
- v. Increase engagement
- vi. Easier management

1.2.3 Goals

My main aim is to create a platform which will be addiction free and user friendly. Other goals are given bellow.

- i. Customer booked the event to their ability
- ii. Organization show their plan to the customer
- iii. Organize the event in the due date.

1.3 Stakeholders

Basically, those who are using our web system and they are our stakeholders.

There are three types of stakeholders.

- i. Owner (Myself)
- ii. General Users
- iii. Staff

1.4 Project Schedule

1.4.1 Gantt Chart

For completing the project, I have taken some steps and created a Gantt chart. I am giving the chart below.

Weeks Works	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Analysis Phase	■																	
Feasibility Study		■																
Project Proposal			■															
Project UI			■	■	■	■	■											
Mid-Term Defense							■	■										
Implementation of the Project				■	■	■	■	■	■	■	■	■	■	■	■	■		
Testing							■									■	■	
Documentation of the Project															■	■	■	
Final Defense																		■

Figure 01: Gantt chart

1.4.2 Release Plan

I have the plan to release the system in web within this month. Before releasing the full version I have to complete some steps.

- i. Investor finding: 01 February 2021
- ii. Demo release: 21th March 2021
- iii. Advertisement: 25th April 2021
- iv. Final release: 30Mayth October 2020

CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

The functional requirements of the project are given below,

Sl	Name of the requirements	Priority level
01	Login/Signup	High
02	View services	High
03	Choose services	High
04	Select packages/contact us	Low
05	checkout	High
06	User Notification	Medium

Table 01: Functional Requirements

2.2 Performance Requirements

Performance requirements are one of the most important thing for an application. If the performance is well, then the software will be more useable.

2.2.1 Speed and Latency Requirements

Speed: The system will run in a high speed.

Latency: The latency will be also user friendly.

2.2.2 Capacity Requirements

User capacity: About 10000 people can access the website at a time.

The capacity will be increased according to the users.

Server Details:

Hosting: 5GB Cloud Storage

CHAPTER 3: SYSTEM ANALYSIS

3.1 Use Case Diagram

The use case diagram is a diagram to visualize the study of the software. My use case Diagram of the project is given below,

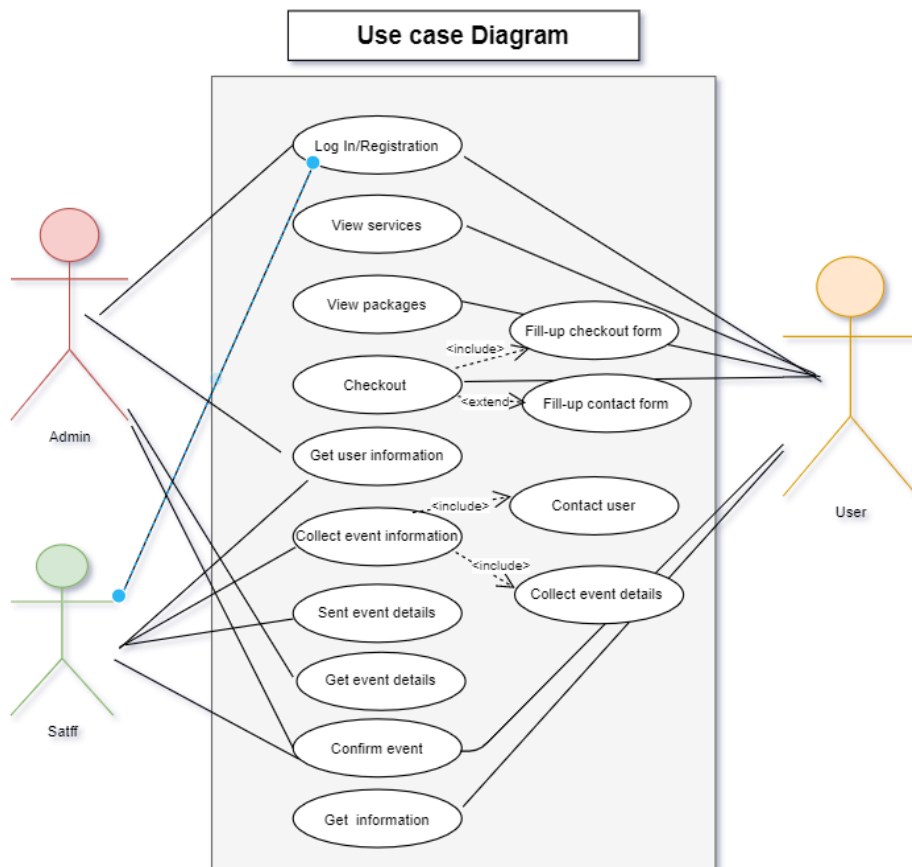


Figure 02: Use case Diagram

In this system, there three actor: Admin, Staff, User
Must log in this site. User view the services View the packages ,select the checkout .After checkout admin and staff get user information, collect event details .staff sent event details to admin .Admin confirm the event .user get notification.

3.2 Use Case Description

- i. **Login/Register:** The application has a login and registration system. The new users have to register for the first time. After that, he will be able to login with his individual id.
- ii. **View Services:** Users can see our services in this website and collect information or any query.
- iii. **View Packages:** User can easily select the package of his budget.
- iv. **Checkout:** After choose the package user give the details in the form and then clear the payment process.
- v. **Get User Information:** Admin & stuff get user details in this system.
- vi. **Collect Event Information:** Admin & stuff get event booking details in this system.
- vii. **Sent Event Details:** Admin sent event details in the selected stuff.
- viii. **Get Event Details:** Stuff get event details from the admin.
- ix. **Confirm Event:** Admin confirm the event.
- x. **Get Information:** After confirmed the event, user get notification in this website.

3.3 Activity Diagram

The activity diagram of my project is given below,

3.3.1 Event Booking Management User Activity diagram User:

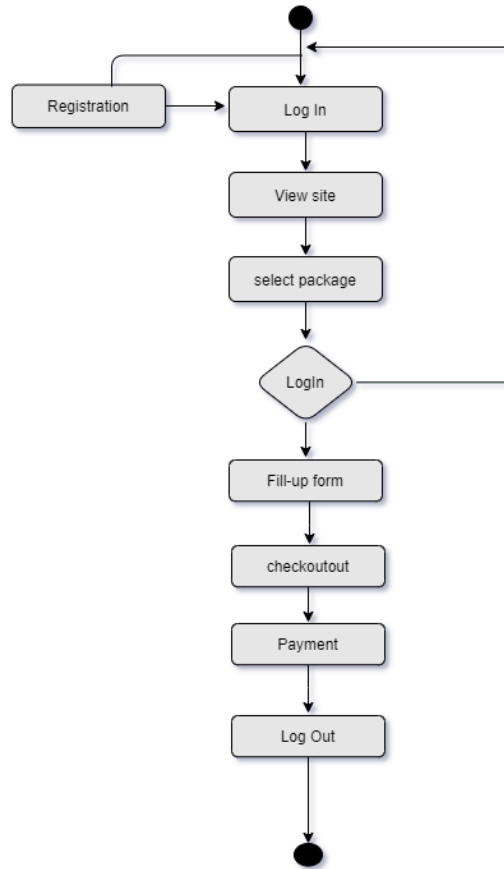


Figure 03: User Activity Diagram

User registration this site then login. View the site view the services .select the packages .system Check the login information. If user not login back to the login page, after login user back to the form and fill up then click checkout then payment after payment process complete. User can logout to system.

3.3.2 Event Booking Management Staff Activity diagram

Staff:

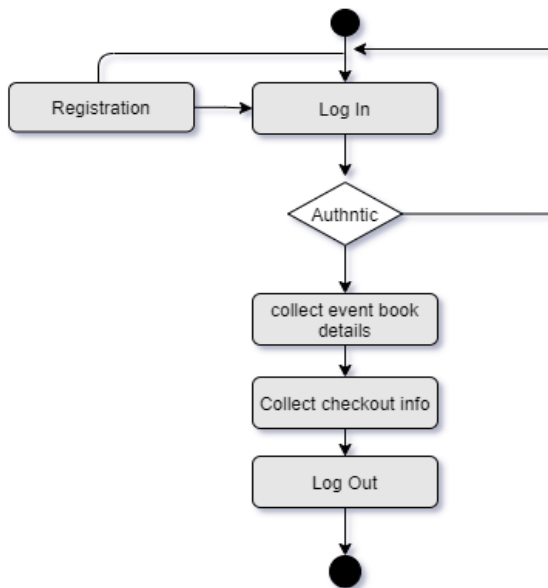


Figure 04: Staff Activity Diagram

Staff login to the site, system check login authentic. If no back to the log in page .otherwise go to the admin panel check the event details .collect checkout information then logout this system.

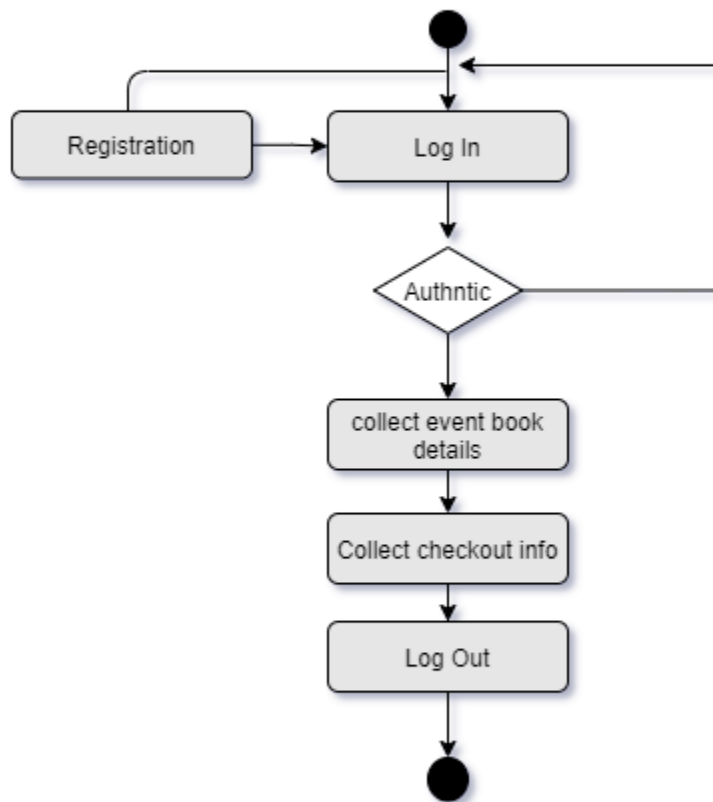


Figure 05: Admin Activity Diagram

Admin login the admin panel, view the event book details .view checkout details .update the system information. Update event details. Admin create group and handover work with page. update details then logout

3.4 ER Diagram

The ER diagram of my project is given below,

3.4.1 Event Booking Management User ER diagram

User:

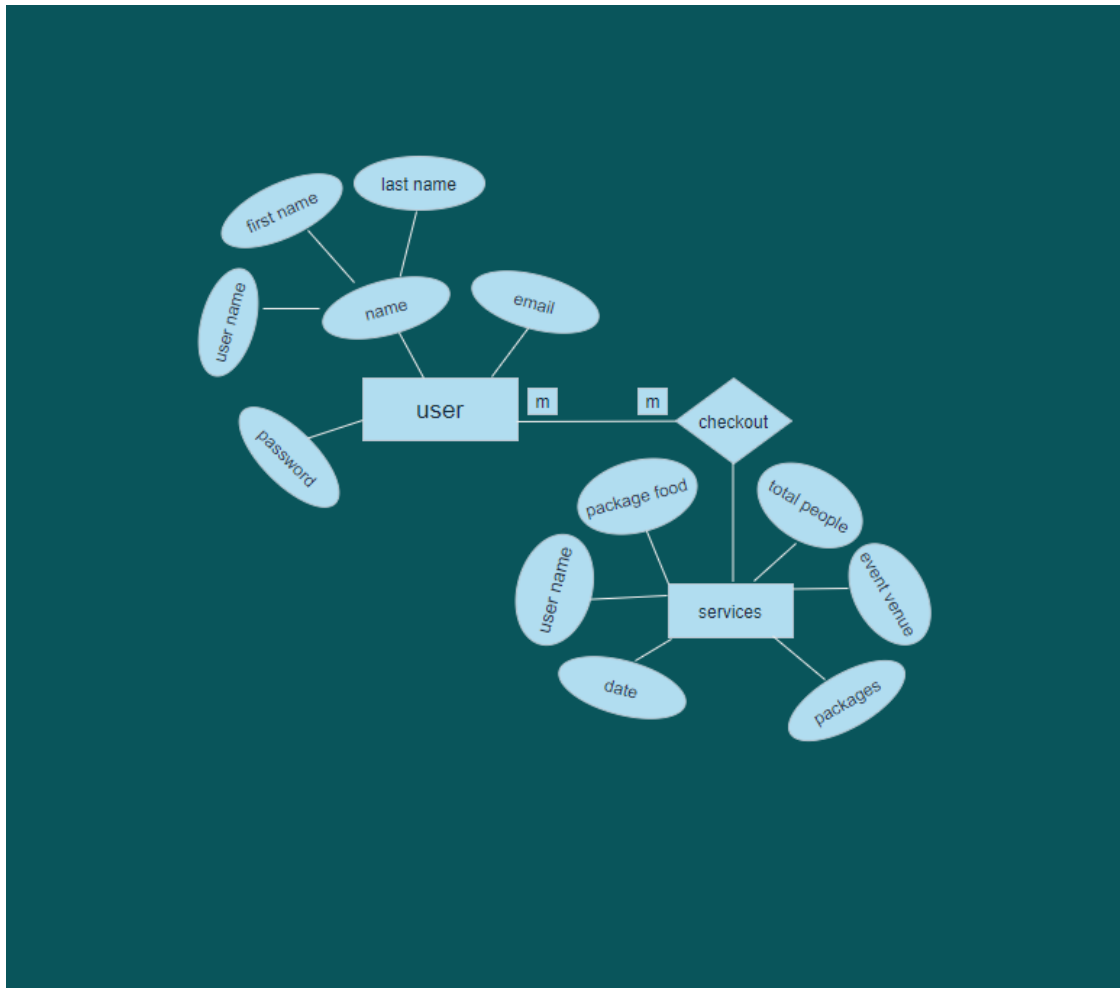


Figure 06: User ER Diagram

3.4.2 Event Booking Management User ER diagram

Staff:

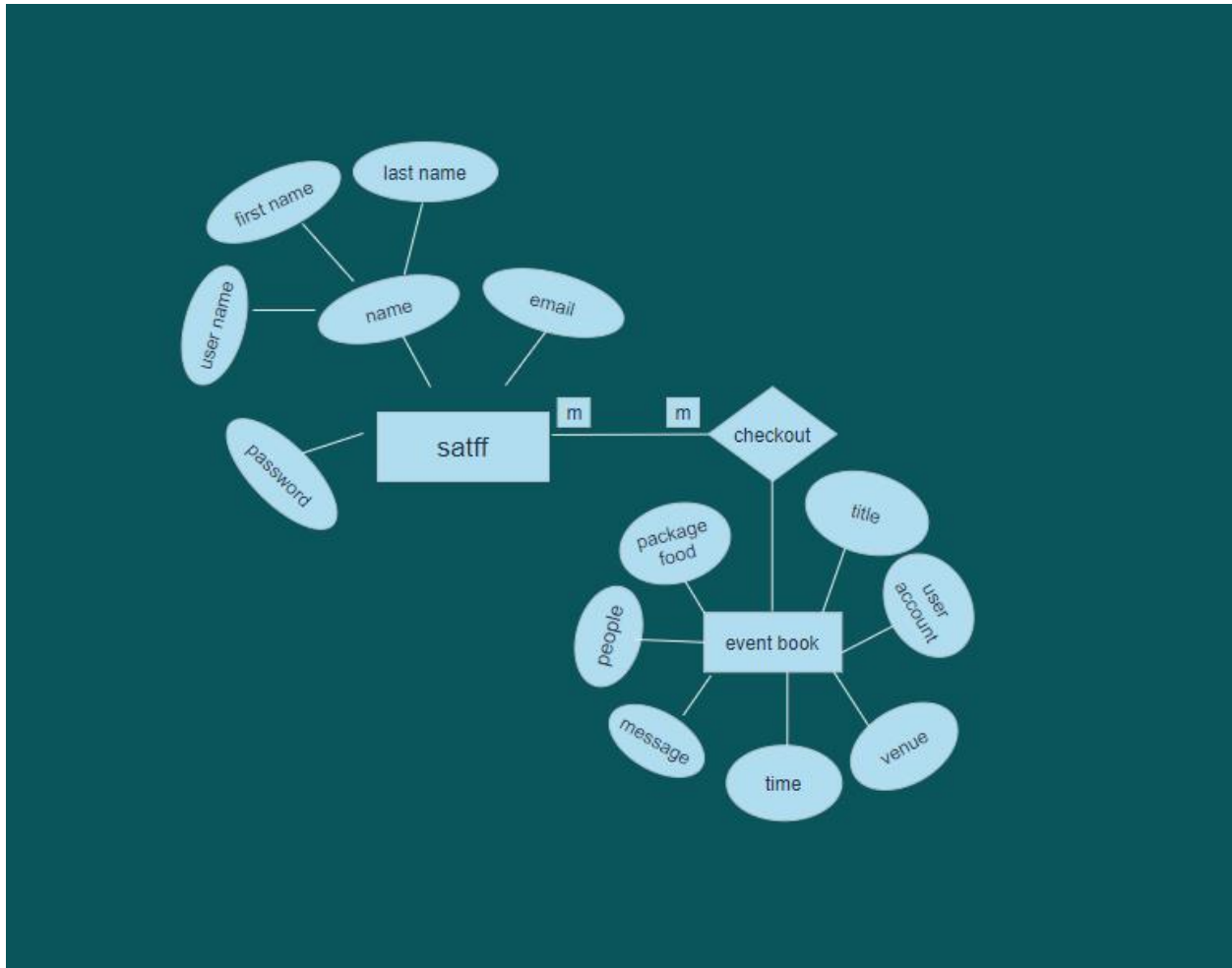


Figure 07: Staff ER Diagram

3.4.3 Event Booking Management User ER diagram

Admin

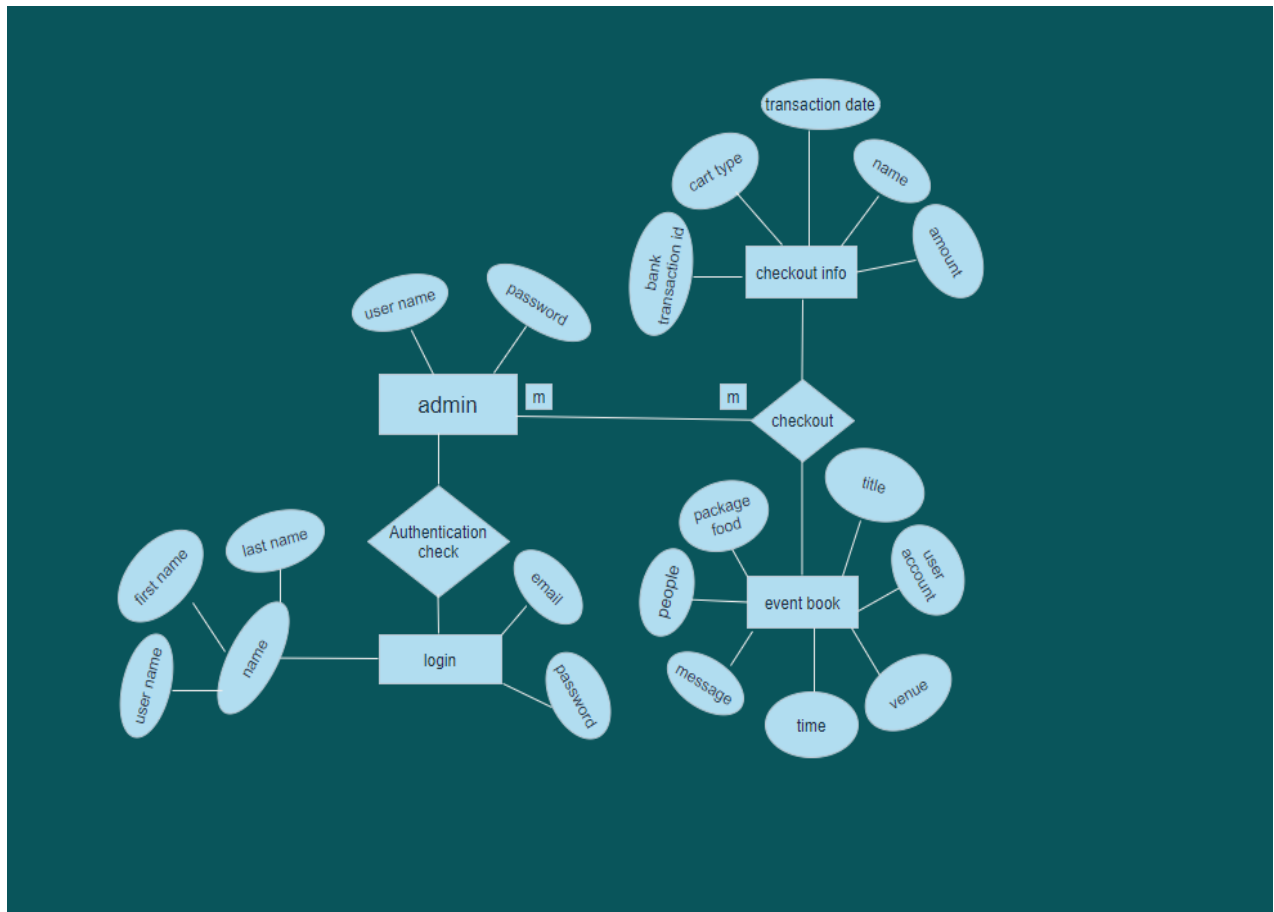


Figure 08: Admin ER Diagram

3.5 Class Diagram

The class diagram of my project is given below,

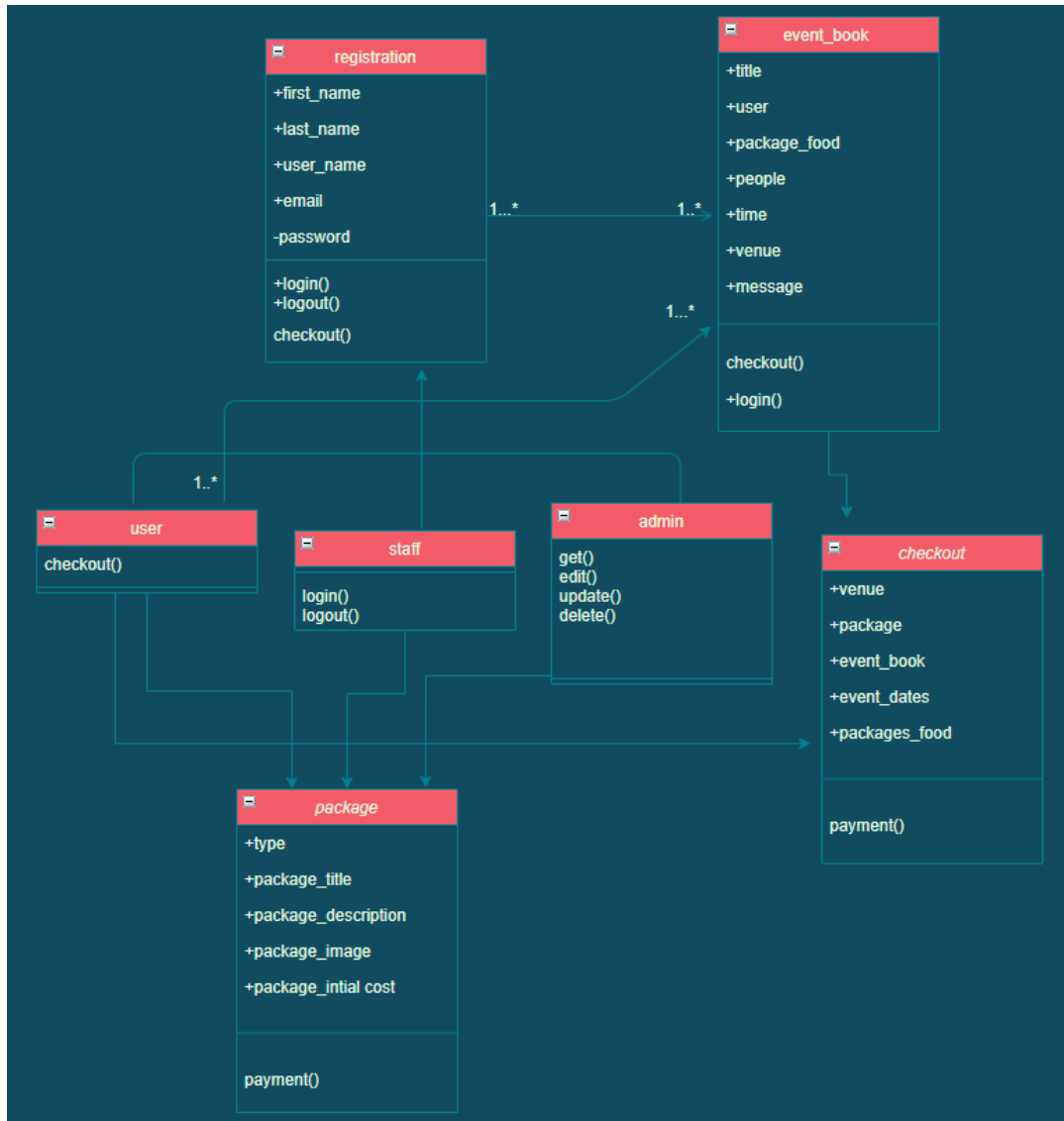


Figure 09: Class Diagram

3.6 Sequence Diagram

The sequence diagram of my project is given below,

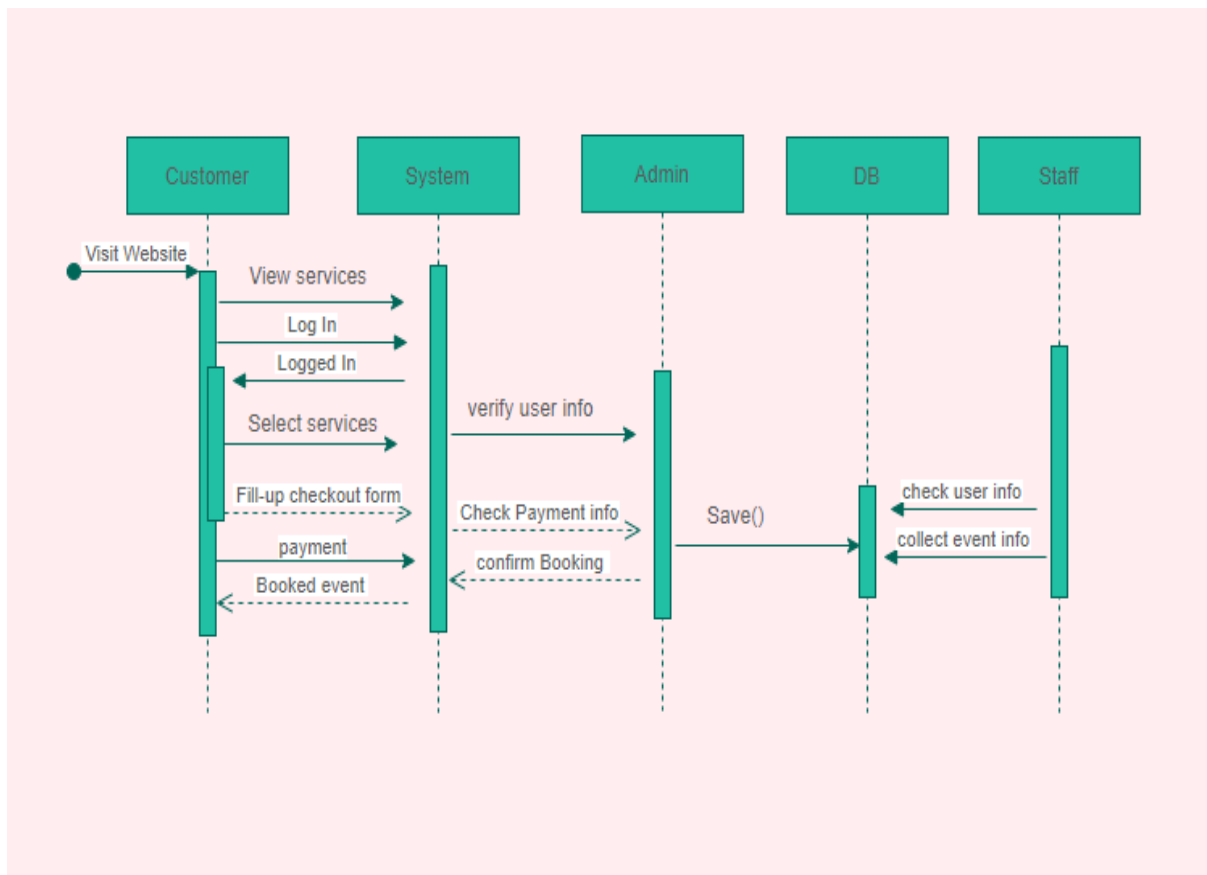


Figure 10: Sequence Diagram

CHAPTER 4: USER MANUAL

User Type:

- i. **User Type A:** Admin
- ii. **User Type B:** Registered Users
- iii. **User Type C:** Staff

4.1 User Type B: Registered Users

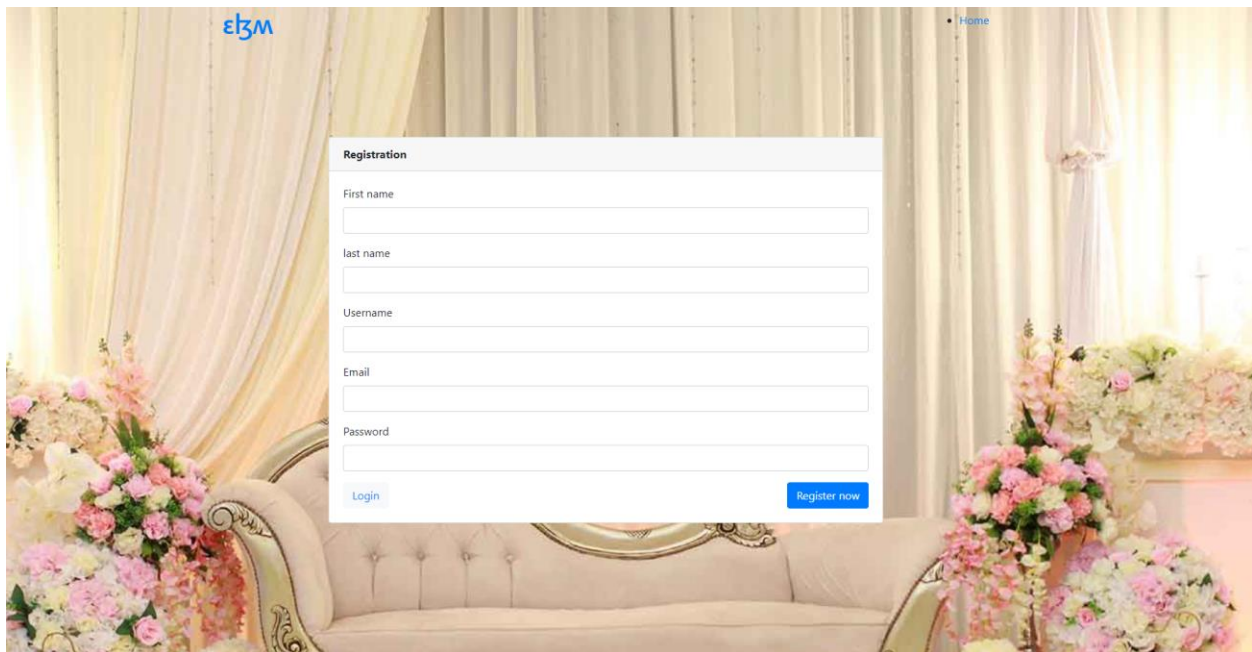
A screenshot of a web application's registration form. The form is titled "Registration" and is overlaid on a background image of a wedding scene featuring a white sofa, large floral arrangements, and sheer curtains. The form contains five input fields: "First name", "last name", "Username", "Email", and "Password". At the bottom left of the form is a "Login" link, and at the bottom right is a blue "Register now" button. The top left of the page shows a logo with the Arabic letters "عزيم" and the top right shows a "Home" link.

Figure 11: Registration form

New user must registration the page

Login form:

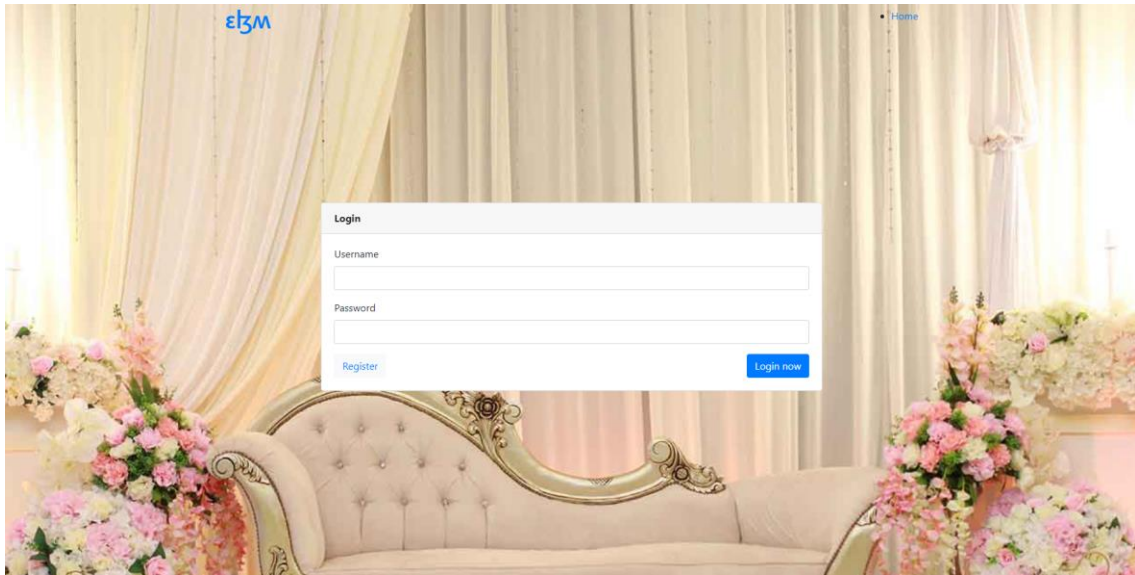


Figure 12: Login

After registration login the site.

Home page:

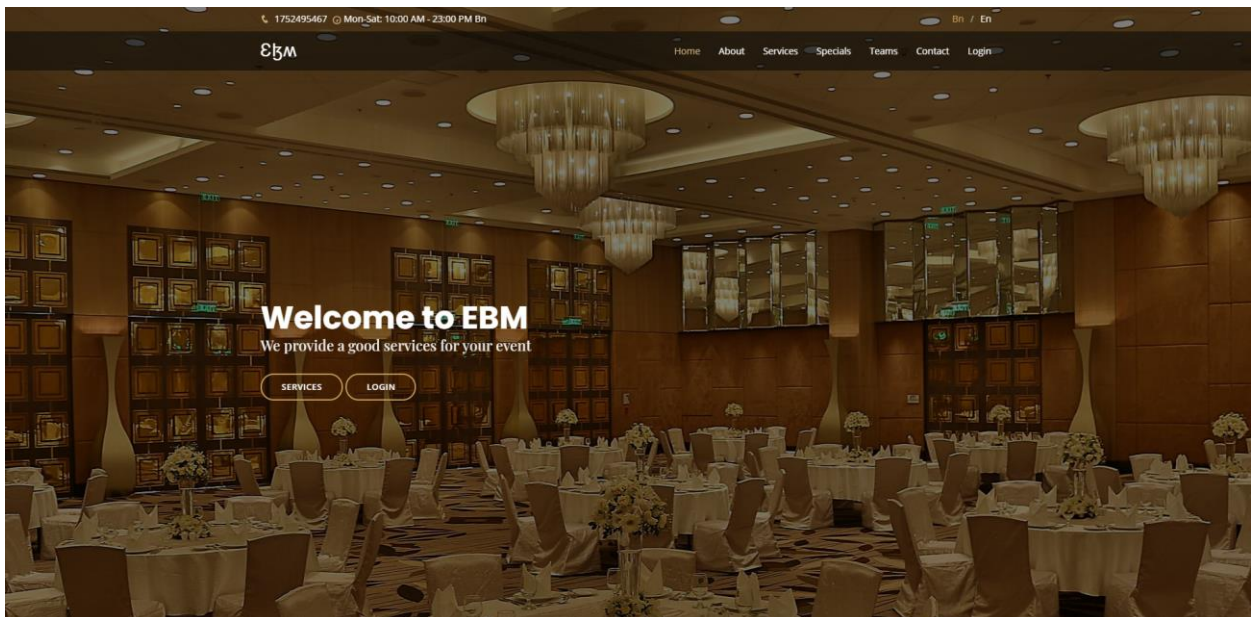


Figure 13: Home Page

About:

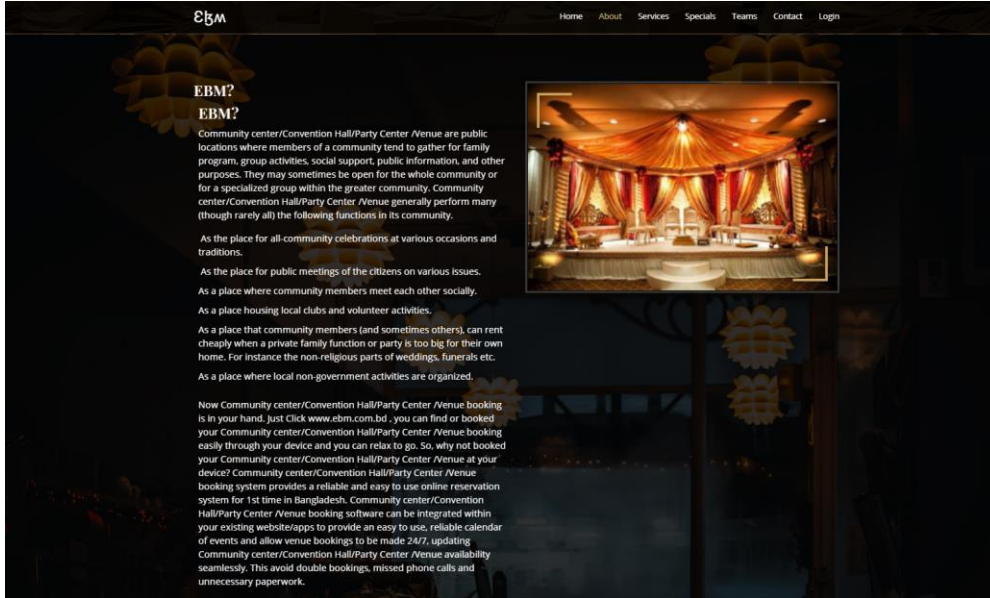


Figure 14: About

Services:

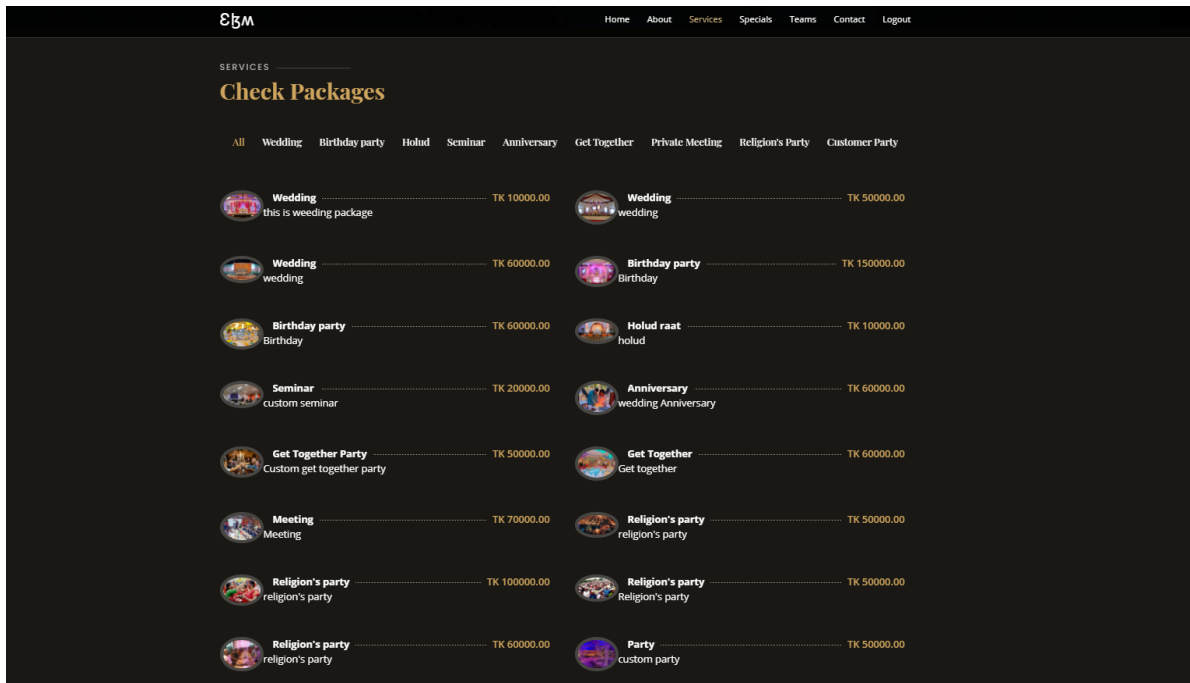
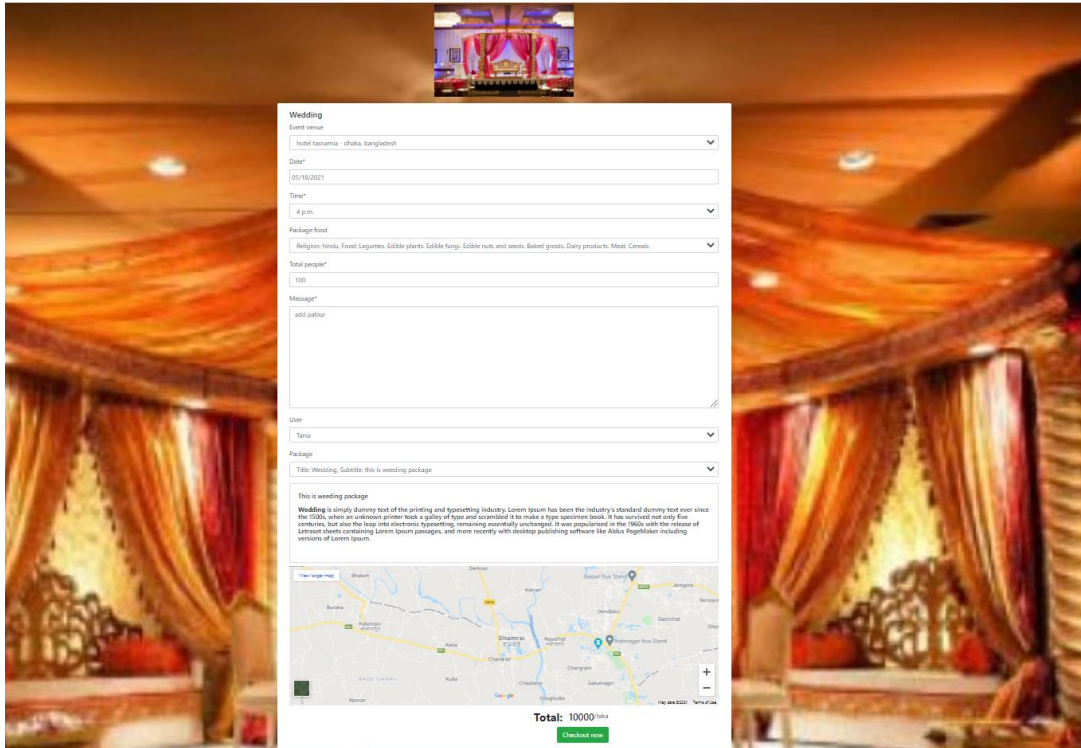


Figure 15: Services

Checkout:



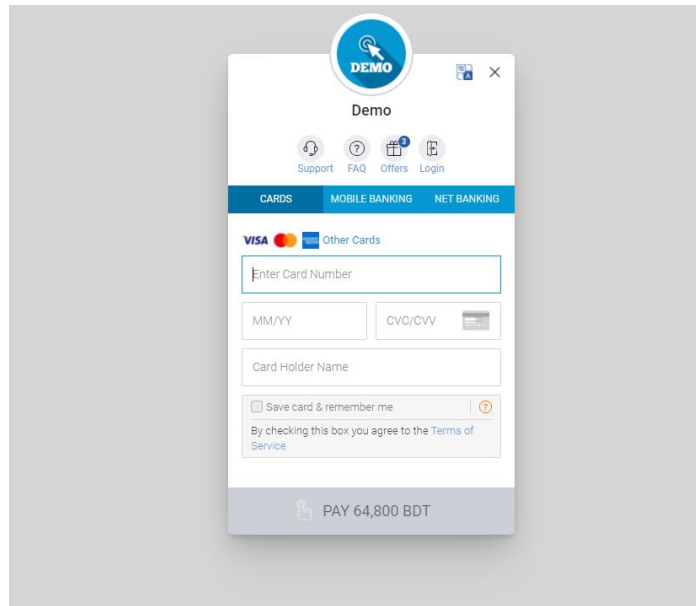
The screenshot shows a checkout form for a wedding package. The form includes the following fields and options:

- Event venue:** hotel kosambi - dhaka, bangladesh
- Date:** 05/18/2021
- Time:** 4 pm
- Religion/Food:** Religion: Hindu, Food: Vegetarian, Edible plants, Edible fungi, Edible nuts and seeds, Baked goods, Dairy products, Meat, Cereals
- Total people:** 100
- Message:** add palour
- User:** Tania
- Package:** Title: Wedding, Subtitle: this is wedding package

Below the form, there is a map showing the location and a total price of 10000 taka. A green "Checkout now" button is visible at the bottom right of the form.

Figure 16: Checkout form

Transaction:



The screenshot shows a mobile banking transaction screen. The screen features a "DEMO" logo at the top, followed by navigation icons for Support, FAQ, Offers, and Login. Below these are three tabs: CARDS, MOBILE BANKING, and NET BANKING. The "CARDS" tab is selected, showing a "VISA" logo and "Other Cards" text. The form includes the following fields:

- Enter Card Number:** A text input field.
- MM/YY:** A dropdown menu for the month and year.
- CVC/CVV:** A dropdown menu for the card verification code.
- Card Holder Name:** A text input field.
- Save card & remember me:** A checkbox with a "Remember me" icon.
- By checking this box you agree to the Terms of Service:** A checkbox with a "Terms of Service" link.

At the bottom of the screen, there is a "PAY 64,800 BDT" button.

Figure 17: Transition

Payment:

OTP Page

Do not press browser back or forward button while you are in payment page

Payment Summary	
Please review the following detail for this transaction:	
Amount:	64800.00
Currency:	BDT
Invoice number:	210530223805QpRX09IRCrk3ZLI
Description:	Products


Enter Card Information

OTP:

Your entered card information could not be corrupted or become known to the third party, as all transmitted data is encrypted by the SSL protocol.

Note

1. For VISA and MC, look at the back side of your Card to find 3-digit CVV2/ CVC2. For AMEX, look at the upper right corner of the front side of your Card to find 4-digit CSC.
2. The cardholder's name should be entered just as it's written on the card.



SSLCOMMERZ TESTBOX GATEWAY (NO CARD INFORMATION WILL BE SAVED AND DUMMY CARD WILL BE DISPLAYED IN REPORT)

Figure 12: Payment process

After complete the payment process user back to the home page .view the book details.

CHAPTER 5: PROJECT SUMMARY

GitHub: Link: <https://github.com/TaniaIsa14/EBM>