



Independent University, Bangladesh (IUB)
Internship Report

“Wedding Management System”

In consideration of the partial fulfillment of the requirements for the degree of
Bachelor In Computer Science and Engineering

Submitted by: Safat Kamran

ID: 1620664

Internship course: CSE499

Section: 09

Supervised by: Md. Fahad Monir

Department of Computer Science & Engineering

Letter of Transmittal

23rd April, 2021.

Md. Fahad Monir

School of Computer Science and Engineering

Independent University Bangladesh.

Subject: Submission of Internship Report.

Dear Sir,

I am Safat Kamran, this letter is written to kindly inform you that I have completed my internship program and its report. The Internship was conducted from 6th February, 2021. I completed my internship in IT WORLD which is a Software and Technology Company.

The following report is based on my experience and the work I did in the development sector of this company. I was assigned to work as an Intern for back end. I tried my best to communicate and learn about the work in the software department.

I hope that you will be kind enough to consider any mistakes in preparing this report and accept it.

Sincerely,
Safat Kamran
Id - 1620664

Letter of Endorsement

To Whom It May Concern

Subject: Approval of the report.

This letter is to certify that all the information mentioned in this document is true and confidential to the company. The project mentioned here has been successfully done with the involvement of Safat Kamran, 1620664, Bachelor in Computer Science, Independent University, Bangladesh (IUB).

I wish him all the best and hope he will lead a successful career.

Internship Supervisor

Sign.....

Eng.Parves Ahmmed

(CEO)

IT WORLD

Approval

This report entitled
Wedding Management System

By: **Safat Kamran**

Has been approved by

The Department of Computer Science and Engineering Independent University,
Bangladesh

(IUB) Supervisor: **Md. Fahad Monir**

The final copy of this report has been examined by the signatory and I find that
both the contents and the form meet acceptable presentation standards of
scholarly work in the above-mentioned discipline.

Sign.....

Date.....

Executive Summary

The report is about all the functionalities, working process and necessity of “Wedding Management System”. It is a web application system. We all know managing a wedding is not an easy task. People have to take care of 100 of things to make a wedding successful. This web application basically will help any person who has wedding ceremony ahead to keep track of all the work of wedding, being able to perform many processes of wedding management online, also customer will be able to use many facilities like booking wedding package, choosing stage, venue, hall, wedding dress, food, decoration, photography and cinematography etc. using this system and confirm them online. It will make managing of wedding functionalities smoother and more effective.

Acknowledgements

At first, I want to thank the Most Powerful and the Most Merciful Allah, who has given me the strength and patience to complete this project. Then I want to thank my supervisor Md. Fahad Monir, Lecturer, Department of CSE Independent University, Bangladesh (IUB), for his support, guidance and help. Without his continuous instruction this would not be possible to complete. I want to show my appreciation towards my office colleagues who helped me when I was facing any problem. If they were not supportive it would not be easy for me. I also want to thank my parent and friend who also gave me mental support and appreciated me. The support of family and friend can boost anybody's energy and mental strength which helped me through the period of completing this project. Through this internship I have learned many new ideas, technologies and processes which will help me in my professional life too. I really want to show my gratitude towards Independent University, Bangladesh where I have been able to find this internship program which made me gain many knowledges.

Abstract:

Wedding now-a-days managed in different ways. Some are managed by family members, some people hire wedding planners, some takes help from different wedding management sites. Some of the common sites are bdweddingplanners.com, bdwedding.com, bdeventmanagement.com etc. They are helpful sites but I felt some important services are not added here which I tried to implement in my project. The ultimate goal of this project is to reduce the difficulties to managing all the task of wedding. This online based wedding management system will give the opportunity to the people to maintain their functionalities of wedding. It will enable a user to find all the necessities of a wedding. Everybody wants to make their wedding day special. That is why before wedding people have to go wedding manager again and again for different purpose like choosing hall, wedding gate, stage, decoration items etc. Which increases extra pressure to the customer. Using this weeding management application customer will be able to choose everything by sitting at their home. Also, customer will be able to keep track of the total number of invited guests, their package and different functionalities. This application is also user friendly and error free. Any kind of people will be able to operate it. This application will assist customers with their wedding planning also wedding managers will be able to rely on this application for tracking their task and perform some laborious functionalities. It will save time and reduce difficulties of both wedding managers and customers.

Table of Content

Chapter 1

Introduction

1.1 Background of the project.....	11
1.2 Objectives.....	11
1.3 Functionalities.....	12

Chapter 2

Company Profile

2.1 Company Background.....	13
2.2 Mission.....	13
2.3 Vision	13
2.4 Address and Contact Information.....	14

Chapter 3

Literature View

3.1 History Leading to this project	15
3.2 Related work.....	16

Chapter 4

Wedding Management System

4.1 Existing System	22
4.2 Benefits of wedding management system.....	23
4.3 Tabular Description.....	24
4.4 Future Work.....	30

Chapter 5

Design & Analysis

5.1 Introduction.....	32
5.2 Data Flow Diagram.....	33
5.3 Context level Data Flow Diagram.....	34
5.4 State Diagram	35
5.5 Sequence Diagram	36
5.6 Activity Diagram	38
5.7 UML Class Diagram	41
5.8 Entity Relationship Model.....	42
5.9 E-R Diagram.....	42

Chapter 6

Implementation

6.1 Tools.....	44
6.1.1 MySQL Database.....	44
6.1.2 Back-end Code.....	46

Chapter 7

User Interface.....	54
---------------------	----

Chapter 8

Lesson Learned	61
----------------------	----

Chapter 8

Conclusion 49.....	61
References 50.....	62

Chapter-1

Introduction

We all know wedding now-a-days has become a huge task. Day by day people's demand, choice, taste is changing. By considering all this a concept came called Wedding Planner or Wedding management system. They do every task of planning and managing wedding. People book them and they manage and look after every chore of wedding like booking hall, managing wedding gate, food service, photography etc. But again, tracking all those tasks manually becomes hard for wedding planner and manager. Also, their customers have to come to them for different purpose like for adding decoration or choosing which is also sometimes difficult. That is why I felt a web application called wedding management system will reduce the difficulties of both wedding planners and their customer. Successful implementation of this application will help wedding planner and customer in many ways. User will be able book hall, gate, dress, food etc. and monitor everything using this application.

1.1 Background of the project:

Web based “Wedding Management System” is an application which will provide different service and help to the people who has wedding event ahead also the wedding planners. No more worries for going to different hall for booking, choosing gates or selecting photographer or cinematographer or food service. Any people will be able to get all those necessary services of wedding using this application. Wedding planners can also do everything for customers through this application. Customer will be able to see working progress and wedding planner will also be able to track their work.

The Wedding Managing System is an organization that aims to organize a successful wedding event. The system gives idea to customers in the decision making and planning processes associated with all sides of a wedding organization. Each and every information about wedding necessities like hall, gate, food, decoration will be updated to the system so customers can choose from them. So, this will also bring benefit to different decorators, hall owner, photographer as well as wedding planners. Every process is being kept so simple in this application that anyone can easily understand it and use it.

1.2 Objective:

- Make a user-friendly system form wedding planners and customers.
- Customer can choose everything by themself.
- Customer can view working progress.
- Wedding planner can also maintain and track works.

1.3 Functionalities of this system:

- Booking hall, venue
- Choosing Wedding gates and order.
- Any kind of decoration service user can choose
- Book preferable photographer
- Book preferable cinematographer
- Choose preferable food items
- Perform wedding shopping
- Book packages
- Wedding planner can also use this application to avail those services.
- Wedding planner can track their work progress.

Chapter 2

Company Profile

2.1 Company Background:

IT World is an IT consulting and software development company in Bangladesh concentrating in customized ERP application and web-based solutions. IT WORLD is founded by Eng. parves Ahmmed. IT World offers elevated business automation with professional services of outstanding quality. IT WORLD provide 24/7 Domain & web hosting solutions all over the world. Web Develop Business Software for Bank, Govt. office, Private office, Media and Radio sector, Mobile Company, Real Estate Sector, Hospital & Clinic Multipurpose Company and also made shoppers website for publishing their product. IT WORLD do every kind of IT work. This company is Bangladeshi by origin but international in terms of quality, commitment and professionalism standards. They have lots of experience and Top-class programmer in their team.

2.2 Mission:

Our mission is to unleash the full potential of the amazing pool of software engineers in Bangladesh by providing world class outsourcing services.

2.3 Vision:

IT WORLD provides exciting, game-changing software products to clients around the globe. We believe real innovation stems from implementing relevant high-tech solutions to actual business problems. IT WORLD aspire to developing employees who are seen as tech industry thought leaders and who produce leading edge technology.

2.4 Address and Contact Information of IT WORLD:

Address: 4th Floor, House 59/ka, Baridhara, Dhaka

Telephone: +8801615759783

Email: mail@itworldbd.net

Website: www.itworldbd.net

Chapter-3

Literature View:

3.1 History leading to this project:

Wedding management is one of the difficult tasks now-a-days for people as everyone wants a special wedding event for their marriage. Expectation and demand of people is increasing day by day. In the conventional practice of wedding planning, people who has wedding event ahead have to face some common hassles, including calling kazi, booking hall, marvelous wedding gate, unique and good food item, decorations, photography etc. Without proper guidance and recommendations, people have to face the unpleasant experience of hunting for suitable hall/venue, gate, photography, bridal products and services, either from the internet or from visiting one bridal service provider. They usually have to come up with a wedding plan from the available information based on trial and error. Most of the time, this kind of task often leads to frustration and failure. In old days families used to have strong bond so relatives used to manage all those tasks but now scenario has been changed. Family size is decreasing beside our expectation is also increasing that is why people now want to book a wedding planner to help them out and make their wedding day successful and beautiful. Wedding planners by themselves manages and prepares everything for the wedding day in exchange of a fixed rate.

But now people can manage their wedding task by themselves easily using this application. Well, the manual system of performing those tasks is also hard. From there different software's are developed to convert those manual tasks to

automated task and make task of wedding mangers and customers easier and more flexible. Some of such software's description is given below:

❑ <http://www.bdweddingplanners.com/>

Their Services are:

- Photography
- Video -story or Cinematography (full _HD)
- Wedding stage decor & Flower Art's
- Premium Wedding Planning
- Lighting & Sound System
- Band, DJ's & Kawali
- Horse cart, Shahi Palki Projection & Live –Telecast Live Snack.

❑ <https://bdwedding.com/vendor-types/>

BDWEDDING is the largest & most loved Wedding discovery, directory & planning platform in Bangladesh, where you can find the best wedding vendors with their contacts and tons of trusted reviews at the click of a button. Whether you are looking for hiring wedding planners or top photographers or for just some ideas and inspirations for your upcoming wedding, bdwedding.com can help you solve your wedding planning tasks through its unique features. With a shortlist feature, a unique checklist facility, inspirational photo gallery, blog and many more- you won't need to spend hours planning a great wedding.

❑ <https://www.bdeventmanagement.com/holud-stage-decor/>

With many years of experience in event organizing, we understand that there many factors that lead to a well-organized and successful event.

These aspects include events sponsorship, event marketing and promotions

as well as producing event merchandising. Each of these aspects is managed carefully as they are the main components of the main event.

❑ <https://creativeeventsbd.com>

- Bridal Stages - Specific Decor & Theme
- Designing & Printing of Invitation Cards
- Planning & Layout Design of Events
- Arrangements & Decorations
- Complete Venue Decoration 📍 Sound System & DJs

WeddingChannel.com:

WeddingChannel.com is the number one wedding and gift registry website, offering comprehensive wedding planning content, interactive wedding tools and a central location for couples to manage their gift registries. The patented registry system on WeddingChannel.com brings together registries from the nation's leading retailers, including Bed Bath & Beyond, Bloomingdale's, Macy's, Crate & Barrel and Target, allowing guests to search one easy site to find a wedding gift.

The knot:

XO Group (formerly The Knot Inc.) was an American media and technology company that provided content, tools, products and services for couples who were planning weddings, creating a home, and starting a family. The company generated revenue through online advertising, merchandising, registry services, and publishing. In 2019, the company merged with WeddingWire to become The

Knot Worldwide under ownership of WeddingWire's investors. Its divisions remained intact, but the XO Group name has been retired.

Wed net:

It is a web-based application for managing wedding. They have nice and user-friendly user interface. They managers any events of wedding such as engagement part, marriage ceremony, reception etc. People can choose their hall, gates, photographer even flowers which they want. People can order cakes, music brand, food and many other facilities. Wed Net is a web-based portal whereby it provides in-depth wedding information. Besides that, Wed Net also has a vendor module which allows vendors to advertise their products or services and upload their company web links. However, Wed Net has several limitations such as

- 1)** the website provides only static information with very limited interactivity,
- 2)** poor organization of information and
- 3)** Wed Net only works as an informative portal and it does not have a DSS or a budget planning system to help in the calculating and planning of expenditure for these soon-to-be brides and grooms.

Wedding Planning Software:

Wedding Planning Software are about the same as those in Wed Net. Wedding Planning Software has similar limitations as Wed Net whereby it provides static information with very limited interactivity and it does not have a DSS or a budget

planning system. However, the organization and presentation of the information in the Wedding Planning Software is less complex compared to Wed Net.

Easy Wedding:

Easy Weddings is a leading digital business specializing in weddings. Founded in 2000, Easy Weddings is the No.1 wedding directory in Australia and is used by more than 80% of all couples who are planning a wedding. The Company also operates wedding venue directory Venue and the Easy Weddings marketplace in the UK. They help make planning a wedding easier. And by doing that, they can help wedding businesses grow

Bliss Events:

Bliss, on the other hand, has more functions compared to Wed Net and Wedding Planning Software. Besides the features that Wed Net and Wedding Planning Software provide, Bliss does endow extra features such as monthly newsletter emails and daily wedding tips. These functions are meant for users who have signed up with Bliss. There are also forums that enable users to post comments and feedbacks related to vendors' products, services and et cetera.

Similarly, Bliss has the same limitation as Wed Net and Wedding Planning software.

They only offer Full-Service Planning, Design and Floral Production. They don't offer any packages or other services. Full-Service means they will guide you through every single step along the way - beginning to end. They anticipate what customers need and want.

We take you through our exceptional process that always includes Planning, Design + Floral, Production and Orchestration.

I also have researched about some systems which are not available in Bangladesh area for more knowledge and idea. After researching all some reports, research papers, systems and websites, I felt like yes all the wedding management system of Bangladesh are worth using and also has so many features. But I have noticed some important features that are missing like:

- Venue booking
- Hall booking
- Decorators
- Food service
- Bridal makeup service
- Tracking total number of invited people.

And few other features which is described well in my project features section. I added all those features along with common features which are already available in some systems.

Chapter- 04

Wedding Management System

Few years ago, people were not that much familiar with wedding planner or wedding management organizations. As the years passed people become aware about wedding planner or management organizations. Basically, wedding planners takes all responsibilities of wedding like booking hall, decorations, photography, stages and gates, food. They do all those tasks in a certain way that wedding becomes more enjoyable and perfect. Bride/groom or their relatives don not need to work hard to manage wedding and another task. Rather they can relax and enjoy wedding. If any people have any wedding event ahead, they simply can go to the wedding planners and book them. For booking people have provide their name, address, contact no and have to pay some cash advance. But then customers also have to monitor everything like how wedding planners are managing wedding tasks by contacting with wedding planners. Also, some wedding planners takes huge charge for all this. All those processes of wedding management can be converted to automated wedding management system which I have proposed. Which will also let customers arrange all the task of wedding by themselves and choose their wedding destination, hall, stage, photographer etc. by sitting at their own home. Also customers can check the updates of wedding tasks by using this application. This application will also help wedding managers to perform their task more easily and smoothly.

4.1 Existing system:

1. Choose preferable wedding planners or managers and go to them at least one month before wedding as they have so many bookings. So, customer should go to them as much early they can and book them.
2. If they are available then make clear about some fact such as what is the budget and what is expectations of customer.
3. Conducting initial discussion with clients to discuss the wedding packages available and the type of wedding desired.
4. Discuss with client about wedding details, including venue options as well as entertainment, catering, and decoration preferences.
5. If everything is discussed well then go for booking procedure. Customer have to provide their personal information like name, address, contact no and have to pay some cash advance.
6. Wedding planners have to keep in touch with customer to take decision about hall, venues, photographer, food etc. which also hectic to sit frequently with wedding planners.
7. Also, customer have to be with wedding planners to make sure they doing their tasks well or not.
8. Tracking how many people are confirmed to attend wedding is also difficult in this manual wedding management system.
9. Sometime it happens that we forget about wedding day of any person and we miss that event in manual wedding management system.
10. This problem of manual wedding management system will be reduced with this automated wedding management system.

4.2 Online wedding management system and its advantages:

- Can view hall, venues, stage, food, dress, photographer etc. online through this system.
- Can book their preferable hall, venues, stage, food, dress, photographer using this application.
- They can let every people they will invite to open an account in this application and give confirmation about their arrival at wedding day so food will be managed in that way.
- Give reminder for their wedding day so every people who are invited can view this.
- Hall/venue owner, photographer, decorator can update their availability.
- This online wedding management system is fully functional and flexible.
- It will save time of people. People do not have to go different place to check availability of hall, venue or photographer.
- Couple can share their story and wedding details in this application.
- It will also help hall/venue owner, decorator, photographer etc. to grow their business.
- People can monitor wedding functionalities using this application.
- Friends can wish through this application.

4.3 Details of use cases:

Sign Up (Customer)

Use Case Name:	Sign Up (Customer)
Actors	Customer, hall owner, photographer, food service provider
Pre-condition	User must have access to internet and go to the sign-up page of this application.
Post -condition	Complete sign-up process and become registered user of this application.
Flow of events	<ol style="list-style-type: none">1. Go to sign up page2. Give name, email, contact no3. Add address4. Give a secure password5. Click Sign Up button6. Show confirmation message
Stimulus	User selects sign in
Summary	As soon as the user clicks on sign up, they'll have to give their name, address, contact no, email and password to sign up to the system and perform their desired actions. Types of actions are different according to the type of person who is signing up. If user provide wrong email/contact no or does not fills up everything then an error message will be displayed else and confirmation will be displayed.
Response	Customer should be able to complete sign up.
Comment	Successfully signed up

Sign Up (Hall Owner)

Use Case Name:	Sign Up (Hall Owner)
Actors	Hall Owner
Pre-condition	User must have access to internet and go to the sign-up page of this application.
Post -condition	Complete sign-up process and become registered user of this application.
Flow of events	<ol style="list-style-type: none">1. Go to sign up page2. Give name, email, contact no3. Give hall name, address, capacity, description, charge as input4. Give a secure password5. Click Sign Up button6. Show confirmation message
Stimulus	User selects sign in
Summary	When the user clicks on sign up, they'll have to give their name, address, contact no, email, hall details and password to sign up to the system and perform their desired actions. If user provide wrong email/contact no or
	does not fills up everything then an error message will be displayed else and confirmation will be displayed.
Response	Customer should be able to complete sign up.
Comment	Successfully signed up

Log In

Use Case Name:	Log In
Actors	Customer, hall owner, photographer, food service provider
Pre-condition	User must have access to internet and go to the log in page of this application.
Post - condition	Complete login process and become logged in user of this application.
Flow of events	<ol style="list-style-type: none">1. Go to log in page2. Give email and password3. Click log in button4. Show confirmation message
Stimulus	User selects log in
Summary	As soon as the user clicks on log in, they'll have to give their email and password to log in into the system and perform their desired actions. Types of actions are different according to the type of person who is logging in. If user provide wrong email/password or does not fills up everything then an error message will be displayed else and confirmation will be displayed.
Response	Customer should be able to complete login process.
Comment	Successfully logged in

Book hall

Use Case Name:	Book hall
Actors	Customer
Pre-condition	Customer must be a registered to the system and has logged in.
Post - condition	Complete booking hall using this application.
Flow of events	<ol style="list-style-type: none">1. Go to book hall interface2. Give name, email, contact no3. Add address, hall name4. Complete half payment5. Click Confirm button6. Show confirmation message
Stimulus	User selects confirm option.
Summary	<p>As soon as the user clicks on confirm they'll have to give their name, address, contact no, email and hall name and complete payment to confirm booking of hall using this system. If user provide wrong email/contact or does not fills up everything then an error message will be displayed else and confirmation will be displayed.</p>
Response	Customer should be able to complete booking hall.
Comment	Successfully completed booking hall.

Update wedding day & time

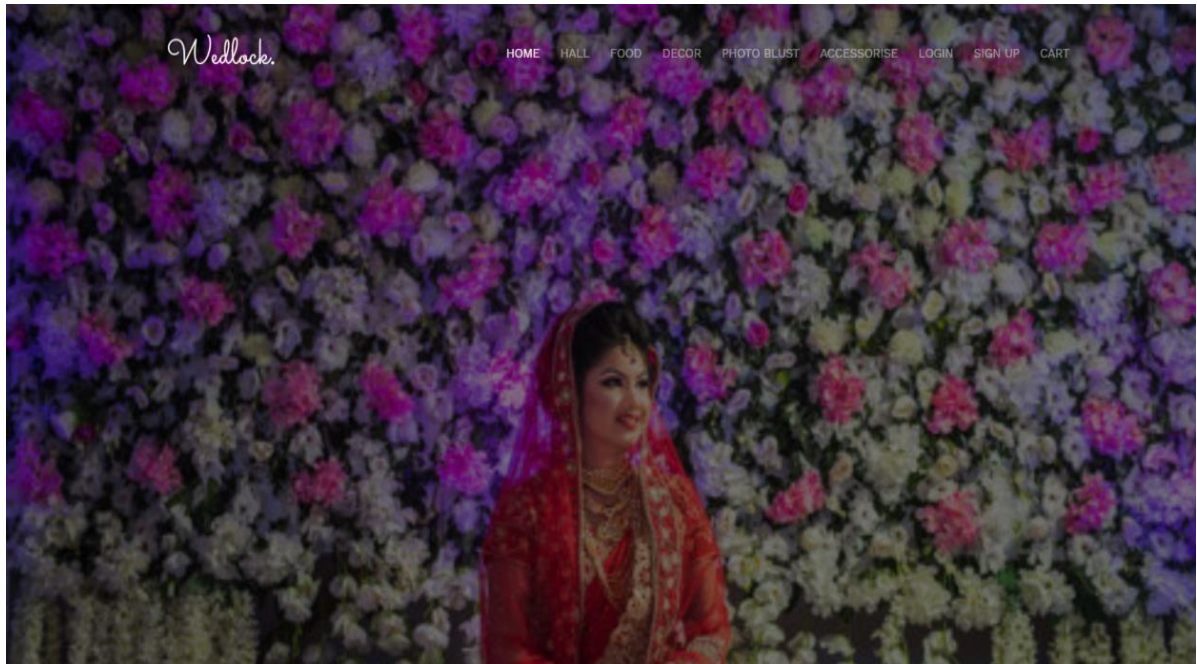
Use Case Name:	Update wedding day & time
Actors	Customer
Pre-condition	Customer must be a registered to the system and has logged in.
Post - condition	Complete Updating wedding day & time using this application.
Flow of events	<ol style="list-style-type: none">1. Go to update wedding day & time interface2. Enter date and time.3. Click Confirm button4. Show confirmation message
Stimulus	User selects confirm option.
Summary	When user clicks on confirm they'll have to give date and time to confirm wedding day using this system. If user does not fills up everything then an error message will be displayed else and confirmation will be displayed.
Response	Customer should be able to complete updating wedding day and time.
Comment	Successfully updated wedding day and time.

Confirm attending at the wedding (invited people)

Use Case Name:	Confirm attending at the wedding (invited people)
Actors	Invited people
Pre-condition	Invited people must be a registered to the system and has logged in.
Post -condition	Invited people has confirmed their arrival at wedding using this application.
Flow of events	<ol style="list-style-type: none">1. Go to confirm arrival at wedding interface2. Enter name and email.3. Click “I’m attending” button4. Show confirmation message
Stimulus	User selects “I’m attending” option.
Summary	When user clicks on “I’m attending” they’ll have to give name and email to confirm their arrival at wedding day using this system. If user does not fill up everything then an error message will be displayed else and confirmation will be displayed.
Response	Invited people should be able to confirm their arrival at wedding.
Comment	Confirmed their arrival at wedding.

4.4 Future work:

Wedding is not associated with any single task. People have to go to different places for different purpose like for booking hall go to different hall owners, for venue selection go the different venue, go to different photographer for photography etc. There so many organizations which are associated with any wedding program.



This online wedding system is going to bring all those services near to user's hand. So that customer will also be select their hall, venue, food, dress, photographer etc. using this application with their desirable price also their struggle to go everywhere will be reduced. On the other hand, all those organization like hall service, venue service, food service, dress business owners, photographer will get so much benefits from that. They will get more and more customer through of

this application. In future we can add all those service providers which is mandatory to complete a wedding program so that both customer like who wants to arrange a wedding program and also those service providers will be benefitted financially and labors will be lesser to arrange a wedding program.

Chapter: 5

Design and Analysis:

5.1 Introduction:

Software design and analysis is the detailed evaluation of any software to develop any software to meet all goals of that software and make any improvement if necessary. This includes gathering the company requirements and researching the path to be taken to affect these requirements. The ultimate target is to have a fully operational system in place which provides efficiency and reliability to the organization. Design is the first step in the development phase for any engineered product or system. The designer's goal is to produce a model or representation of an entity that will later be built. Beginning, once system requirement has been specified and analyzed, system design is the first of the three technical activities - design, code and test that is required to build and verify software. The importance can be stated with a single word "Quality". Design is the place where quality is fostered in software development. Design provides us with representations of software that can assess for quality. Design is the only way that we can accurately translate a customer's view into a finished software product or system. Software design serves as a foundation for all the software engineering steps that follow. Without a strong design we risk building an unstable system – one that will be difficult to test, one whose quality cannot be assessed until the last stage. If software design and analysis is performed properly, it will not only save the company money up front but ensures that the right application path is being taken the 1st time, growth and business charge considerations have been accounted to accommodate future plans, and errors

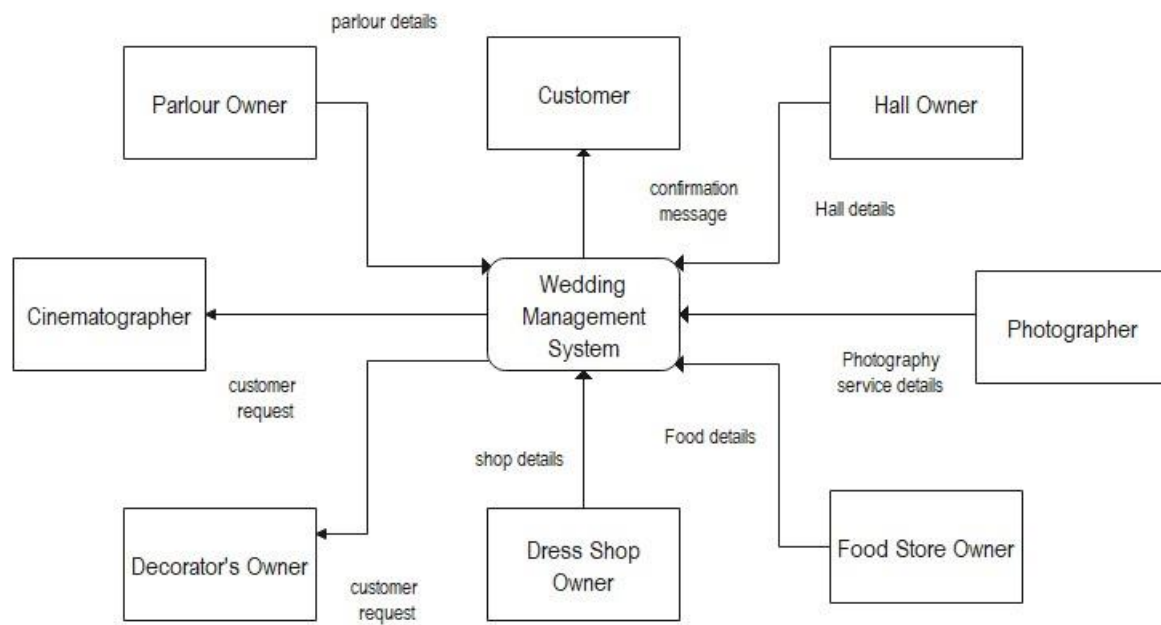
are kept to a minimum thereby mitigating future IT overhaul requirements. During design, progressive refinement of data structure, program structure, and procedural details are developed reviewed and documented. System design can be viewed from either technical or project management perspective. From a technical point of view, design is comprised of four activities – architectural design, data structure design, interface design and procedural design.

5.2 Data Flow Diagram:

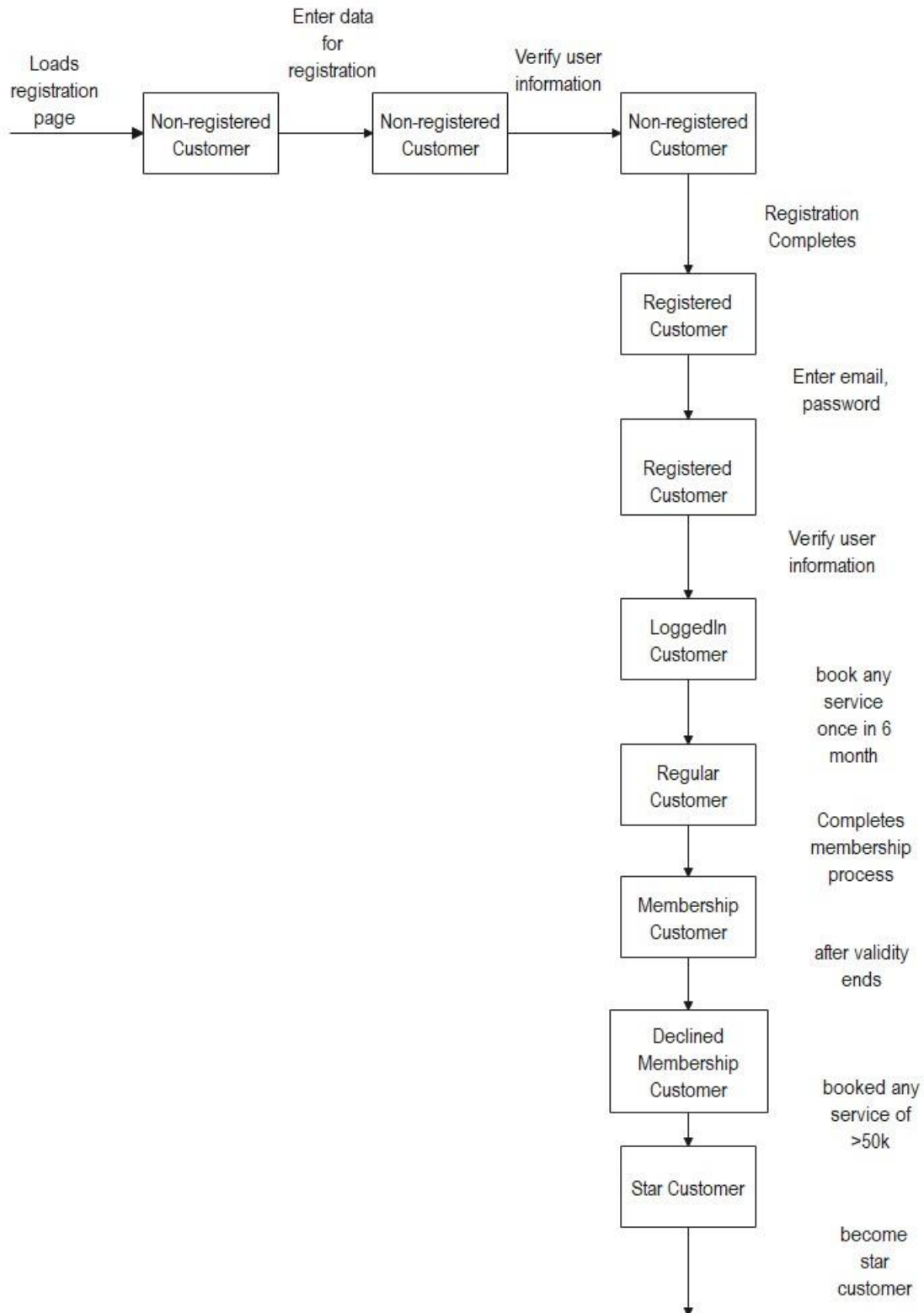
A system is nothing but flow of data through-out the whole system. For getting an appropriate output we need to enter some appropriate data. For example, login subsystem of any system requires valid id and password which are called appropriate data. Those data are passed by stakeholder/users of that particular system. To come to a conclusion, we can say data flow diagram gives a bird eye view of the system where we can see a system, its stakeholder/users and transferring of data between system and stakeholders. Any context level data flow diagram of a system can be exploded into two kind of data flow diagram, one is logical data flow diagram and another is physical data flow diagram. These diagrams explode the diagram into smaller subsystems and provides more clear view of the system.

Well, the context level diagram of my system is given below:

5.3 Context level data flow diagram:

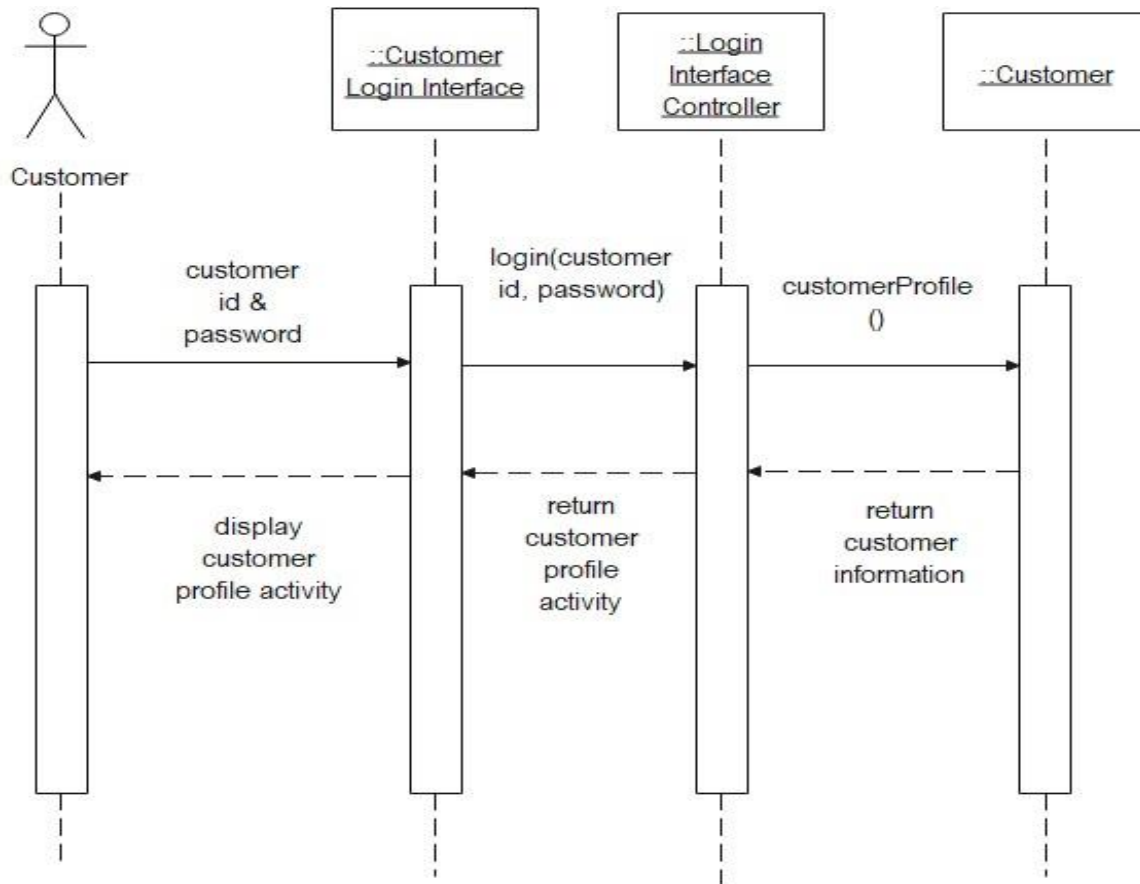


5.4 State Chart Diagram:

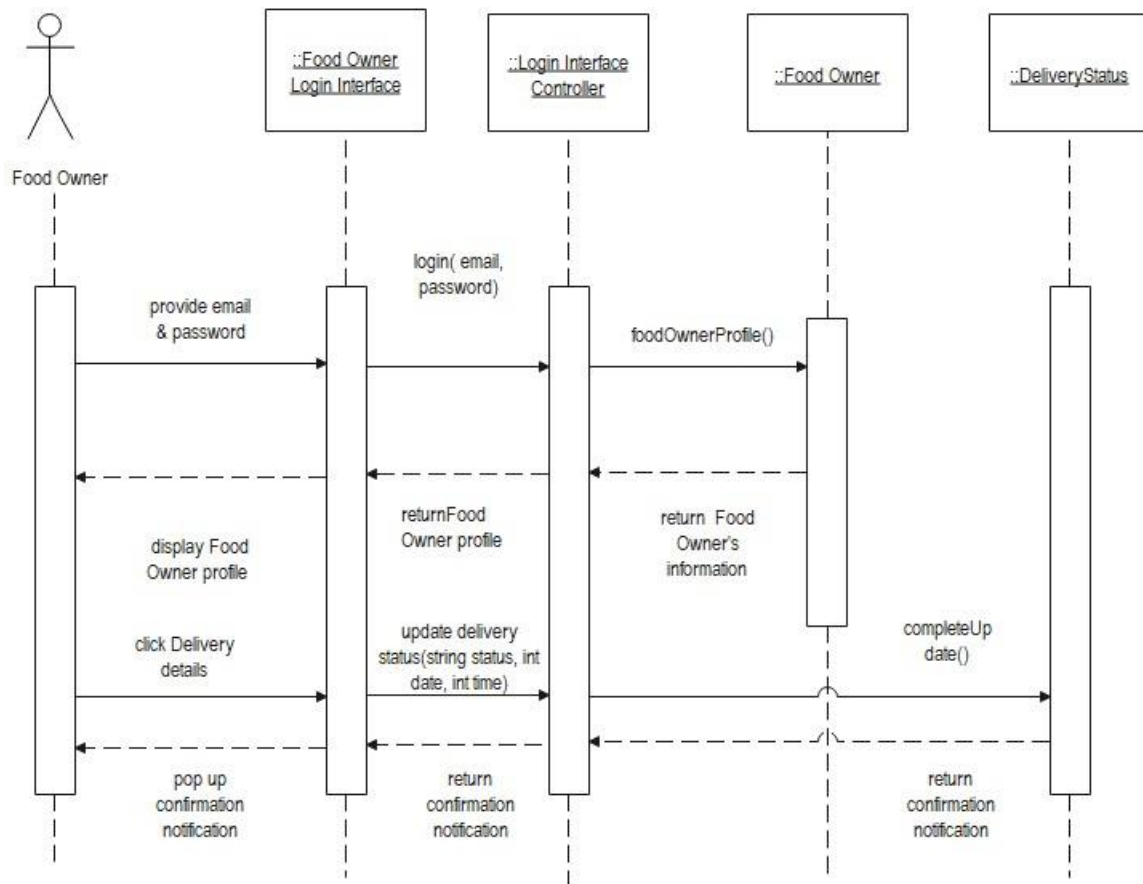


5.5 Sequence Diagram:

Login:

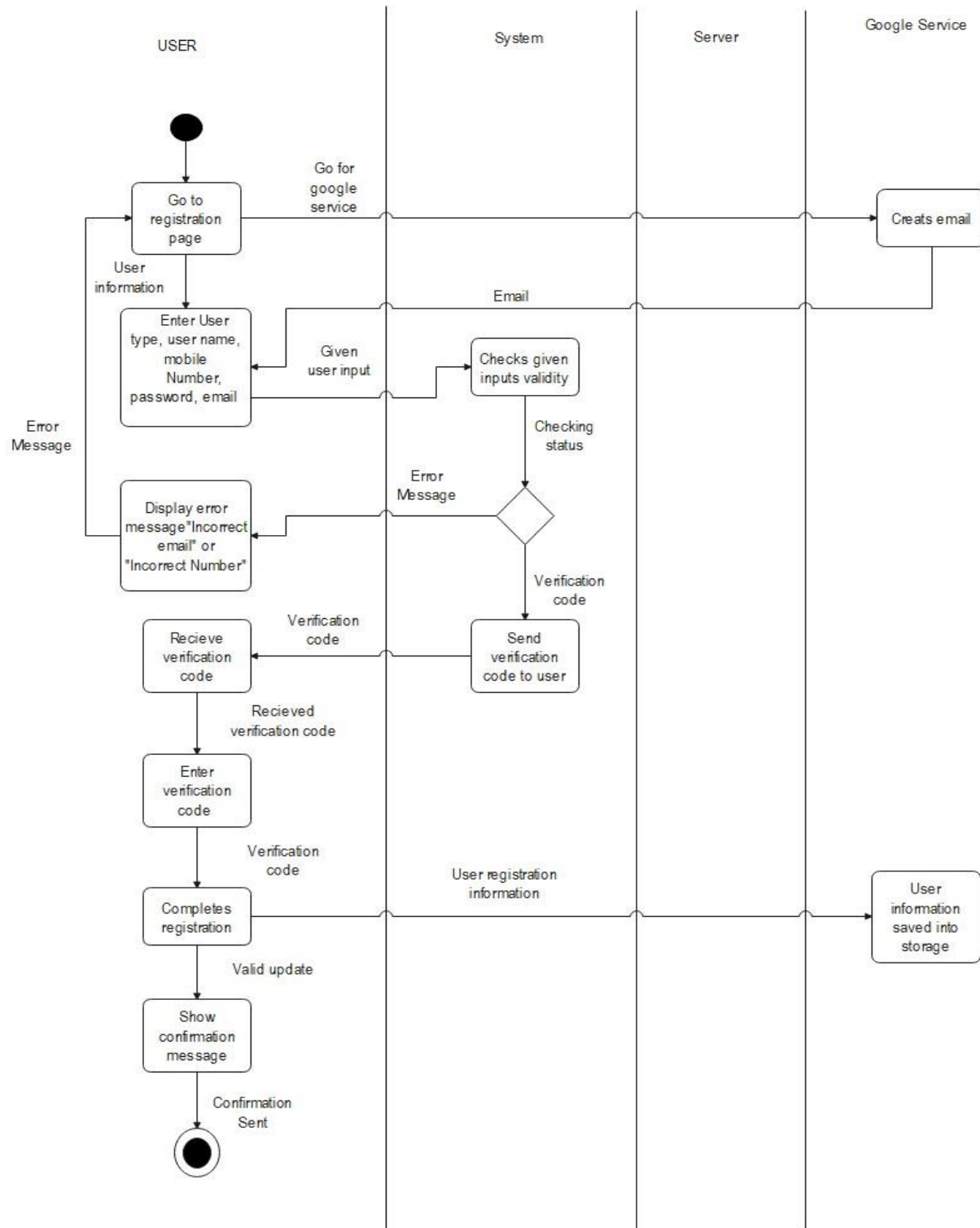


Food Store Owner update food delivery status:

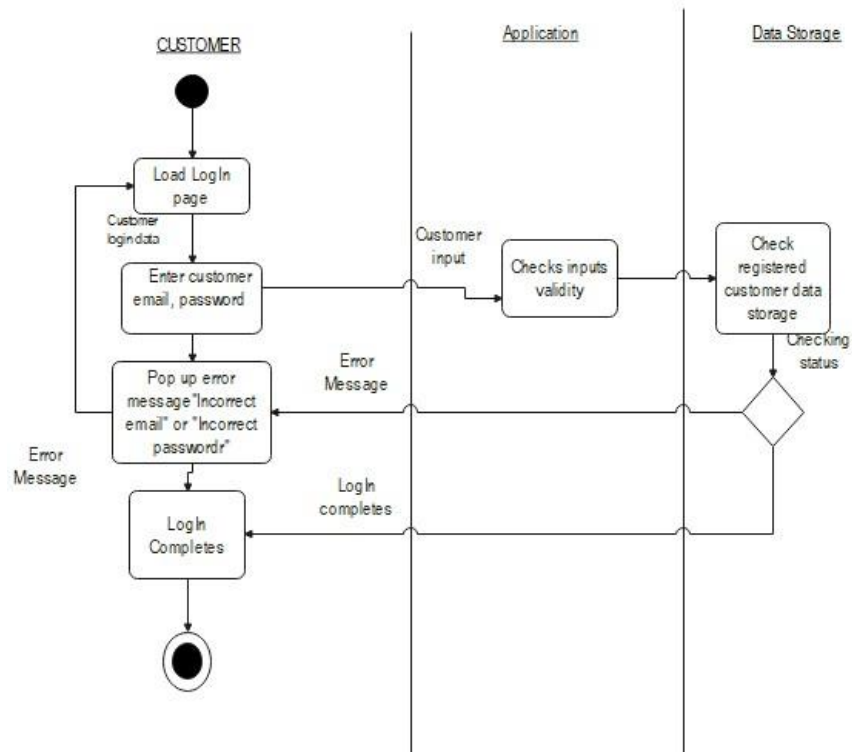


5.6 Activity Diagram

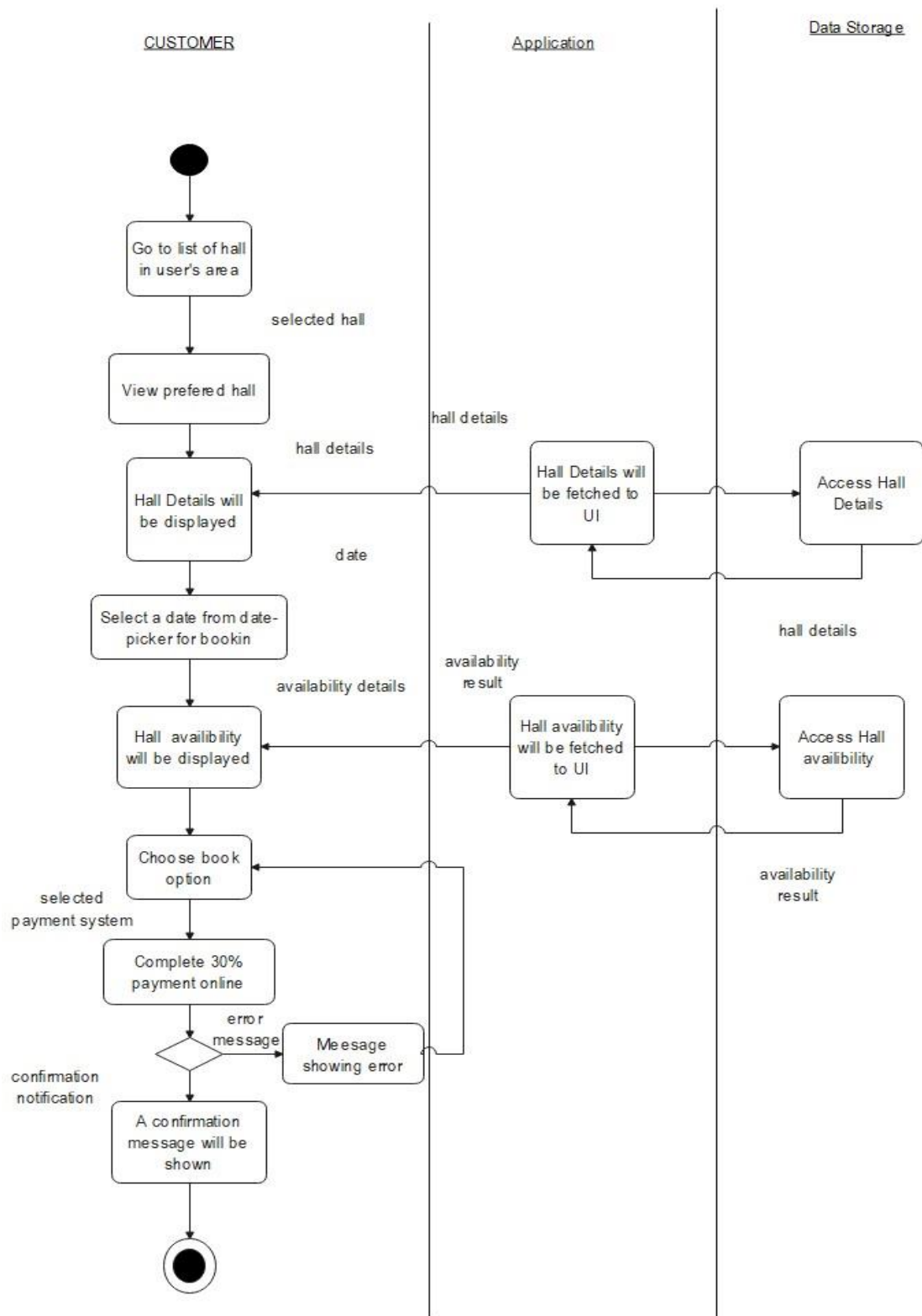
Registration:



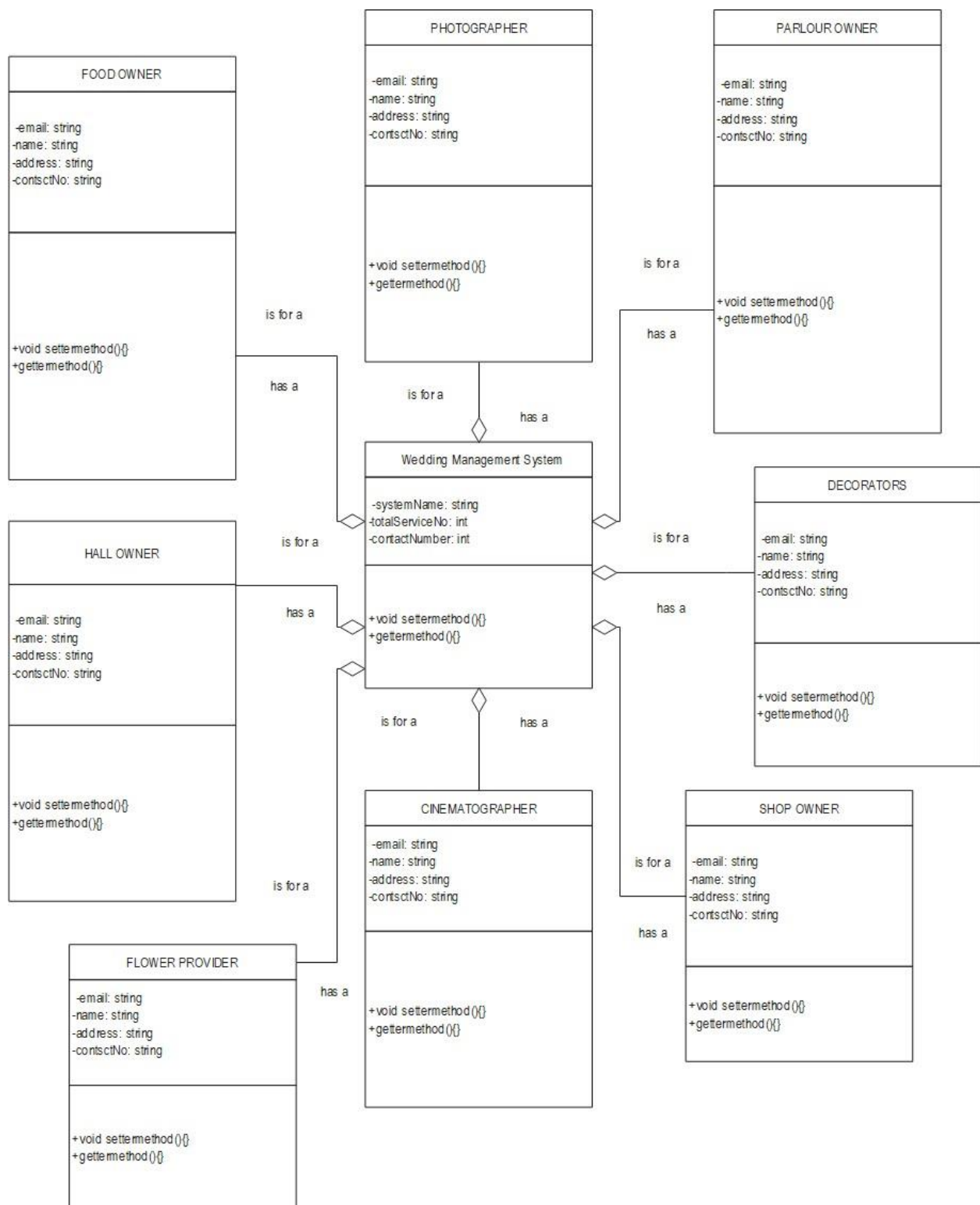
Login:



Customer Hall Booking Process:



5.7 UML-Class Diagram:



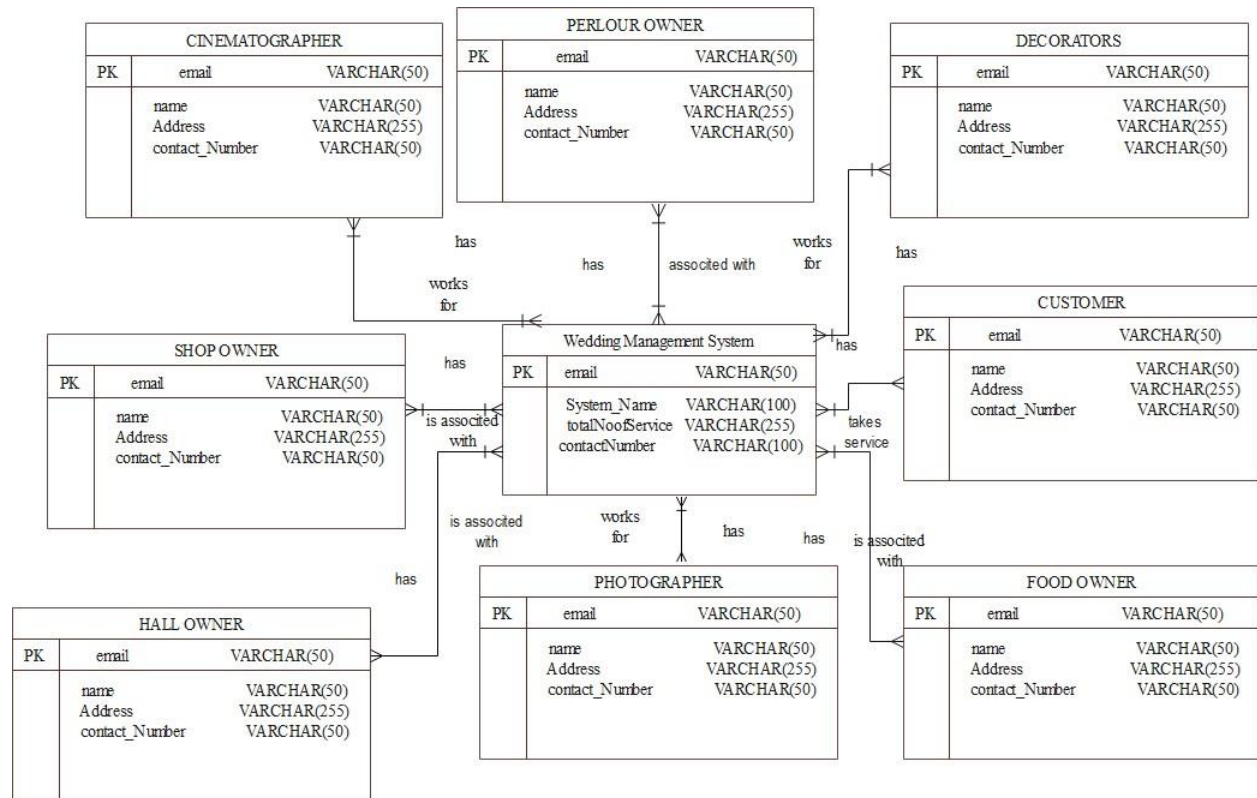
5.8 Entity Relationship Model:

The entity relationship diagram describes the relationship between entities, cardinality and their attributes. Entity relationship model (ER model) is a data model for describing the data or information aspects of a business domain or its process requirements, in an abstract way that lends itself to ultimately being implemented in a database such as a relational database. The main components of ER models are entities (things) and the relationships that can exist among them. Here we provide a description of entities with all their attributes. Describe ingenuity name, business definition for the entities and their attributes and domain.

5.9 E-R Diagram:

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties.

ER-Diagram of Wedding Management System



Chapter-6

Implementation

We have seen the design and analysis of online wedding management system. In this section we will explain how the Online wedding management system have been developed and the tools that have been required as well as process of configuring, coding and other system components.

6.1 Tools and services required to complete the project on online wedding management system:

1. HTML
2. CSS
3. Bootstrap
4. MySQL Database
5. PhpMyAdmin
6. Web Server

6.1.1 MySQL Database:

Database is used to store all the user information like name, address, contact no, email, password. Also, all the details of halls, venues, food, dress, photography are saved in database. Booking information of hall, venue, food or any service is stored in database. At the time of login user provide their email and password then system checks if given information is stored in database or not. If the user is registered then their email and password will be in database so information will be matched and let the user login. Else an error

message will be displayed. Then if user clicks to view any service, then data will be fetched from database and will be displayed to customer.

HTML: HTML is used to give the basic structure of the whole system,

CSS, Bootstrap: It is used to design the whole system and make the application look more attractive and user friendly.

PhpMyAdmin: All the database related works are inside the phpMyAdmin. It works as the local host of the web server.

File Manager: Inside the file manager, the codes and other documents are kept in a specific folder made for the wedding management system.

6.1.2 Back-end code:

Php codes

Login

```
1 k?php
2 $email = $_POST["email"];
3 $pass = $_POST["pass"];
4
5 $conn = new mysqli('localhost','root','','registrationform');
6
7 $sql = "SELECT * FROM hal WHERE email = '$email' AND pass = '$pass'";
8 $sql1 = "SELECT * FROM customer WHERE email = '$email' AND pass = '$pass'";
9 $sql2 = "SELECT * FROM decoration WHERE email = '$email' AND pass = '$pass'";
10 $sql3 = "SELECT * FROM photoblust WHERE email = '$email' AND pass = '$pass'";
11 $sql4 = "SELECT * FROM food WHERE email = '$email' AND pass = '$pass'";
12
13 $result = $conn->query($sql);
14 $result1 = $conn->query($sql1);
15 $result2 = $conn->query($sql2);
16 $result3 = $conn->query($sql3);
17 $result4 = $conn->query($sql4);
18
19 $rowcount1 = mysqli_num_rows($result);
20 $rowcount2 = mysqli_num_rows($result1);
21 $rowcount3 = mysqli_num_rows($result2);
22 $rowcount4 = mysqli_num_rows($result3);
23 $rowcount5 = mysqli_num_rows($result4);
24
25
26
27
28 if($rowcount1 == 1){
29     session_start();
30     $_SESSION['loginform'] = true;
31     header("Location: http://localhost:7777/Weeding/hall/profile(hall).php?email=" . $email);
32 }
33 else if($rowcount2 == 1){
34     session_start();
35     $_SESSION['loginform'] = true;
36     header("Location: http://localhost:7777/Weeding/customer/profile(customer).php?email=" . $email);
37 }
38
39 else if($rowcount3 == 1){
40     session_start();
41     $_SESSION['loginform'] = true;
42     header("Location: http://localhost:7777/Weeding/decor/profile(decoration).php?email=" . $email);
43 }
44
45
46 else if($rowcount4 == 1){
47     session_start();
48     $_SESSION['loginform'] = true;
49     header("Location: http://localhost:7777/Weeding/photoblust/profile(photoblust).php?email=" . $email);
50 }
51
52
53 else if($rowcount5 == 1){
54     session_start();
55     $_SESSION['loginform'] = true;
56     header("Location: http://localhost:7777/Weeding/food/profile(food).php?email=" . $email);
```

Booking hall

```
1 <!doctype html>
2
3 <?php
4     $servername = "localhost";
5     $username = "root";
6     $password = "";
7     $dbname = "registrationform";
8     try{
9         $conn = new mysqli($servername, $username, $password, $dbname);
10    }catch(mysqli_sql_exception $ex){
11        echo("error in connection");
12    }
13
14    if(isset($_POST['submit']))
15    {
16        $name = $_POST['name'];
17        $email = $_POST['email'];
18        $ph = $_POST['ph'];
19        $bdate = $_POST['bdate'];
20
21
22
23        $register_query = "INSERT INTO `booking`(`name`, `email`, `ph`, `bdate`) VALUES ('$name', '$email', '$ph', '$bdate')";
24
25
26        $SELECT = "SELECT email Form booking, customer where customer.email = $email limit 1";
27
28        $result = $conn -> prepare($SELECT);
29
30        try{
31
32            $register_result = mysqli_query($conn, $register_query);
33            if($register_result){
34                if(mysqli_affected_rows($conn)>0){
35
36                }else{
37                    echo("error in registration");
38                }
39            }
40        }catch(Exception $ex){
41            echo("error". $ex->getMessage());
42        }
43    }
44 }
45
46
47 ?>
48
49
50
51 <html>
52 <head>
53     <meta charset="utf-8">
54     <title> Order Form</title>
55
56     <meta name="viewport" content="width=device-width initial-scale=1 shrink-to-fit=no">
```

```

48
49
50
51 <html>
52 <head>
53   <meta charset="utf-8">
54   <title> Order Form</title>
55
56   <meta name="viewport" content="width = device - width, initial-scale = 1, shrink-to-fit = no">
57
58   <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQV3Iipma34MD+dH/1fQ784/j6cY/IJTQUO0hcnr7x9JVoRxt2MZw1T"
59     crossorigin="anonymous">
60
61   <style type="text/css">
62     body {
63       background-color: #F1E2E2;
64       font-family : arial;
65       font-size : 18px;
66       line-height : 18px;
67       color : #000;
68       padding: 4px;
69       text-align: center;
70       margin: 12px;
71       background: url(n.jpg) no-repeat;
72       margin-top: 150px;
73       margin-left : 450px;
74       background-size: cover;
75     }
76
77     .btn-info {
78       color: #fff;
79       background-color: #17a2b8;
80       border-color: #17a2b8;
81       text-align: center;
82       margin-top: auto;
83       margin-right : 20px;
84     }
85   </style>
86 </head>
87
88 <body>
89
90   <form action="" method="post">
91   <table margin-top= "7px">
92
93
94     <tr>
95     <td></td>
96     <td></td>
97   </tr>
98
99   <tr>
100   <td></td>
101   <td></td>

```


Cart:

```
1 <?php
2 session_start();
3 $connect = mysqli_connect("localhost", "root", "", "testing");
4
5 if(isset($_POST["add_to_cart"]))
6 {
7     if(isset($_SESSION["shopping_cart"]))
8     {
9         $item_array_id = array_column($_SESSION["shopping_cart"], "item_id");
10         if(!in_array($_GET["id"], $item_array_id))
11         {
12             $count = count($_SESSION["shopping_cart"]);
13             $item_array = array(
14                 'item_id'      => $_GET["id"],
15                 'item_name'    => $_POST["hidden_name"],
16                 'item_price'   => $_POST["hidden_price"],
17                 'item_quantity' => $_POST["quantity"]
18             );
19             $_SESSION["shopping_cart"][$count] = $item_array;
20         }
21         else
22         {
23             echo '<script>alert("Item Already Added")</script>';
24         }
25     }
26     else
27     {
28         $item_array = array(
29             'item_id'      => $_GET["id"],
30             'item_name'    => $_POST["hidden_name"],
31             'item_price'   => $_POST["hidden_price"],
32             'item_quantity' => $_POST["quantity"]
33         );
34         $_SESSION["shopping_cart"][0] = $item_array;
35     }
36 }
37
38 if(isset($_GET["action"]))
39 {
40     if($_GET["action"] == "delete")
41     {
42         foreach($_SESSION["shopping_cart"] as $keys => $values)
43         {
44             if($values["item_id"] == $_GET["id"])
45             {
46                 unset($_SESSION["shopping_cart"][$keys]);
47                 echo '<script>alert("Item Removed")</script>';
48                 echo '<script>window.location="cart.php"</script>';
49             }
50         }
51     }
52 }
53
54 ?>
55
```

```

55
56 <html>
57 <head>
58 <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
59 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
60 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
61
62 </head>
63 <body>
64 <br>
65 <div style="clear:both"></div>
66 <br />
67 <h3>Order Details</h3>
68 <div class="table-responsive">
69 <table class="table table-bordered">
70 <tr>
71 <th width="40%">Item Name</th>
72 <th width="10%">Quantity</th>
73 <th width="20%">Price</th>
74 <th width="15%">Total</th>
75 <th width="5%">Action</th>
76 </tr>
77
78 <?php
79 if(!empty($_SESSION["shopping_cart"]))
80 {
81     $total = 0;
82     foreach($_SESSION["shopping_cart"] as $keys => $values)
83     {
84
85 <tr>
86 <td><?php echo $values["item_name"]; ?></td>
87 <td><?php echo $values["item_quantity"]; ?></td>
88 <td>$ <?php echo $values["item_price"]; ?></td>
89 <td>$ <?php echo number_format($values["item_quantity"] * $values["item_price"], 2);?></td>
90 <td><a href="cart.php?action=delete&id=<?php echo $values["item_id"]; ?>"><span class="text-danger">Remove</span></a></td>
91 </tr>
92 <?php
93     $total = $total + ($values["item_quantity"] * $values["item_price"]);
94 }
95 ?>
96 <tr>
97 <td colspan="3" align="right">Total</td>
98 <td align="right">$ <?php echo number_format($total, 2); ?></td>
99 <td colspan="2"></td>
100 </tr>
101 <?php
102 }
103 ?>
104
105 </table>
106 <tr> <td><br></td><a href="http://localhost:7777/Weeding/booking.php" class="btn btn-info" role="button">Confirm</a></td> </tr>
107 <br><br>
108
109 <td></td>
110 </tr>

```

Sql codes:

Booking food and decorations:

```
8 -- Version: 0.0.2
9
10 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
11 START TRANSACTION;
12 SET time_zone = "+00:00";
13
14
15 /*140101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
16 /*140101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
17 /*140101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
18 /*140101 SET NAMES utf8mb4 */;
19
20 --
21 -- Database: `weeding`
22 --
23
24 -- -----
25 --
26 --
27 -- Table structure for table `booking`
28 --
29
30 CREATE TABLE `booking` (
31   `food_id` int(255) DEFAULT NULL,
32   `photoblust_id` int(255) DEFAULT NULL,
33   `user_id` int(255) DEFAULT NULL,
34   `user_email` varchar(255) DEFAULT NULL,
35   `hall_id` int(255) DEFAULT NULL,
36   `book_id` int(255) DEFAULT NULL,
37   `decor_id` int(255) DEFAULT NULL,
38   `book_date` date DEFAULT NULL,
39   `book_type` int(255) DEFAULT NULL,
40   `book_quantity` int(255) DEFAULT NULL,
41   `book_time` time(6) DEFAULT NULL,
42 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
43
44 -- -----
45 --
46 --
47 -- Table structure for table `decon`
48 --
49
50 CREATE TABLE `decon` (
51   `decon_id` int(11) NOT NULL,
52   `decon_comp_name` varchar(255) NOT NULL,
53   `decon_comp_location` varchar(255) NOT NULL,
54   `decon_comp_cost` double NOT NULL,
55 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
56
57 -- -----
```

Book hall, photographer, registration form:

```
76 -- Table structure for table `hall`
77
78 CREATE TABLE `hall` (
79   `hall_id` int(11) NOT NULL,
80   `hall_name` varchar(255) NOT NULL,
81   `hall_capacity` int(11) NOT NULL,
82   `hall_location` varchar(255) NOT NULL,
83   `hall_parking` int(11) NOT NULL,
84   `hall_des` varchar(255) NOT NULL,
85   `hall_price` double NOT NULL
86 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
87
88 -----
89
90 -- Table structure for table `photoblust`
91
92
93 CREATE TABLE `photoblust` (
94   `photoblust_id` int(11) NOT NULL,
95   `photography_comp_name` varchar(255) NOT NULL,
96   `photography_comp_cost` double NOT NULL,
97   `photography_comp_location` varchar(255) NOT NULL
98 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
99
100 -----
101
102 -- Table structure for table `registrationform`
103
104
105 CREATE TABLE `registrationform` (
106   `fname` varchar(255) NOT NULL,
107   `address` varchar(255) NOT NULL,
108   `gender` int(255) NOT NULL,
109   `phone` int(255) NOT NULL,
110   `email` varchar(255) NOT NULL,
111   `username` varchar(255) NOT NULL,
112   `password` varchar(255) NOT NULL
113 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
114
115 -----
116
117 -- Table structure for table `user`
118
119
120 CREATE TABLE `user` (
121   `user_id` int(11) NOT NULL,
122   `user_email` varchar(50) NOT NULL,
123   `user_password` varchar(255) NOT NULL
124 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
124
125
126 ALTER TABLE `booking`
127   ADD UNIQUE KEY `booking_idx` (`food_id`),
128   ADD KEY `decor_booking_fk` (`decor_id`),
129   ADD KEY `photoblust_booking_fk` (`photoblust_id`),
130   ADD KEY `hall_booking_fk` (`hall_id`),
131   ADD KEY `user_booking_fk` (`user_id`,`user_email`);
132
133 --
134 -- Indexes for table `decor`
135
136 ALTER TABLE `decor`
137   ADD PRIMARY KEY (`decor_id`);
138
139 --
140 -- Indexes for table `food`
141
142 ALTER TABLE `food`
143   ADD PRIMARY KEY (`food_id`);
144
145 --
146 -- Indexes for table `hall`
147
148 ALTER TABLE `hall`
149   ADD PRIMARY KEY (`hall_id`),
150   ADD UNIQUE KEY `hall_idx` (`hall_id`);
151
152 --
153 -- Indexes for table `photoblust`
154
155 ALTER TABLE `photoblust`
156   ADD PRIMARY KEY (`photoblust_id`);
157
158 --
159 -- Indexes for table `registrationform`
160
161 ALTER TABLE `registrationform`
162   ADD PRIMARY KEY (`username`);
163
164 --
165 -- Indexes for table `user`
166
167 ALTER TABLE `user`
168   ADD PRIMARY KEY (`user_id`,`user_email`,`hall_id`,`food_id`,`photoblust_id`,`decor_id`),
169   ADD KEY `decor_user_fk` (`decor_id`),
170   ADD KEY `photoblust_user_fk` (`photoblust_id`),
171   ADD KEY `food_user_fk` (`food_id`),
172   ADD KEY `hall_user_fk` (`hall_id`),
173   ADD KEY `registrationform_user_fk` (`username`);
174
175 --
176 -- Constraints for dumped tables
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
```

```

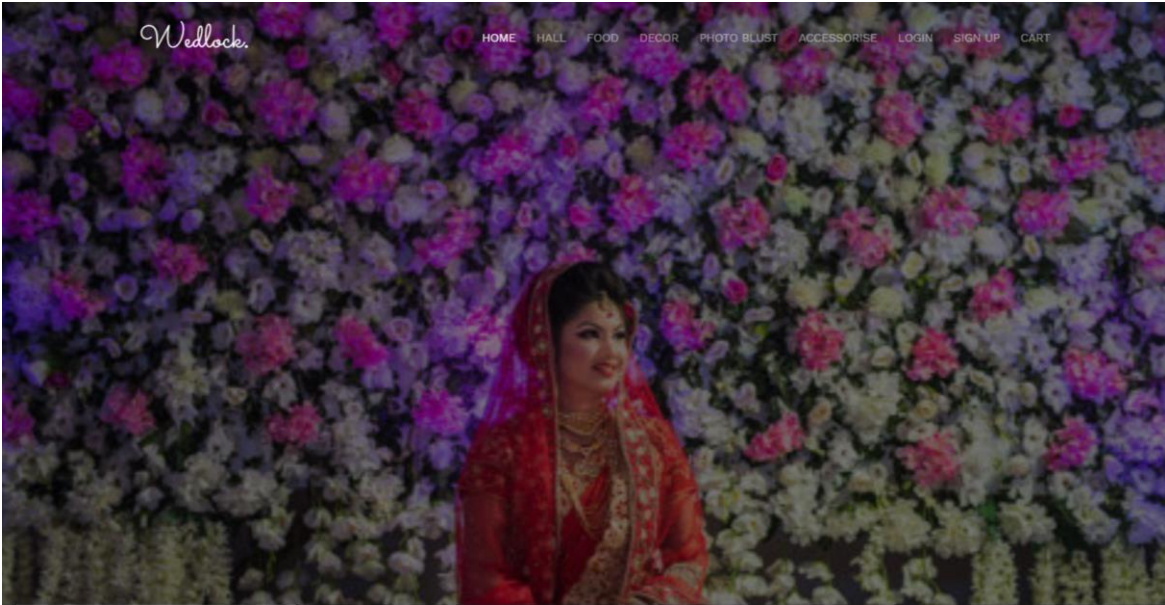
197 --
198 -- Constraints for table `booking`
199 --
200 ALTER TABLE `booking`
201   ADD CONSTRAINT `decor_booking_fk` FOREIGN KEY (`decor_id`) REFERENCES `decor` (`decor_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
202   ADD CONSTRAINT `food_booking_fk` FOREIGN KEY (`food_id`) REFERENCES `food` (`food_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
203   ADD CONSTRAINT `hall_booking_fk` FOREIGN KEY (`hall_id`) REFERENCES `hall` (`hall_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
204   ADD CONSTRAINT `photoblust_booking_fk` FOREIGN KEY (`photoblust_id`) REFERENCES `photoblust` (`photoblust_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
205   ADD CONSTRAINT `user_booking_fk` FOREIGN KEY (`user_id`,`user_email`) REFERENCES `user` (`user_id`,`user_email`) ON DELETE NO ACTION ON UPDATE NO ACTION;
206
207 --
208 -- Constraints for table `user`
209 --
210 ALTER TABLE `user`
211   ADD CONSTRAINT `decor_user_fk` FOREIGN KEY (`decor_id`) REFERENCES `decor` (`decor_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
212   ADD CONSTRAINT `food_user_fk` FOREIGN KEY (`food_id`) REFERENCES `food` (`food_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
213   ADD CONSTRAINT `hall_user_fk` FOREIGN KEY (`hall_id`) REFERENCES `hall` (`hall_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
214   ADD CONSTRAINT `photoblust_user_fk` FOREIGN KEY (`photoblust_id`) REFERENCES `photoblust` (`photoblust_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
215   ADD CONSTRAINT `registrationform_user_fk` FOREIGN KEY (`username`) REFERENCES `registrationform` (`username`) ON DELETE NO ACTION ON UPDATE NO ACTION;
216 COMMIT;
217
218 /*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
219 /*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
220 /*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
221

```

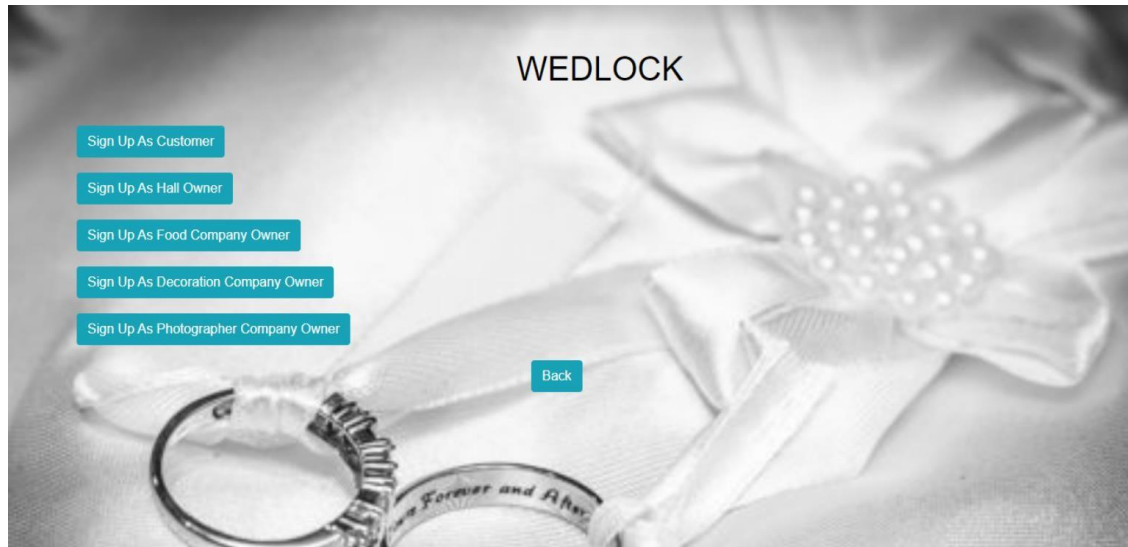
Chapter: 7

User Interface

Home page:



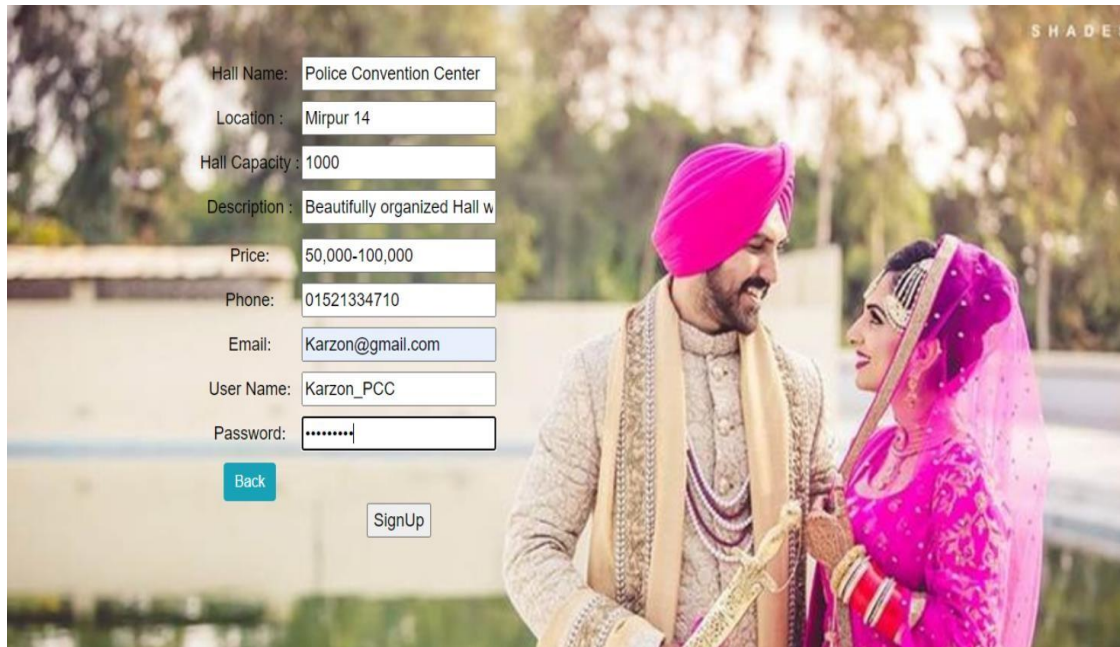
Sign Up page:



Sign Up as Customer:

The image shows a web form titled "Sign Up as Customer" with a background of wedding rings and a white flower. The form fields are as follows:
Name:
Password:
Address :
Phone:
Email:
Below the form fields are two buttons: a teal "Back" button and a grey "SignUp" button.

Hall Owner Sign Up:



SHADES

Hall Name:

Location :

Hall Capacity :

Description :

Price:

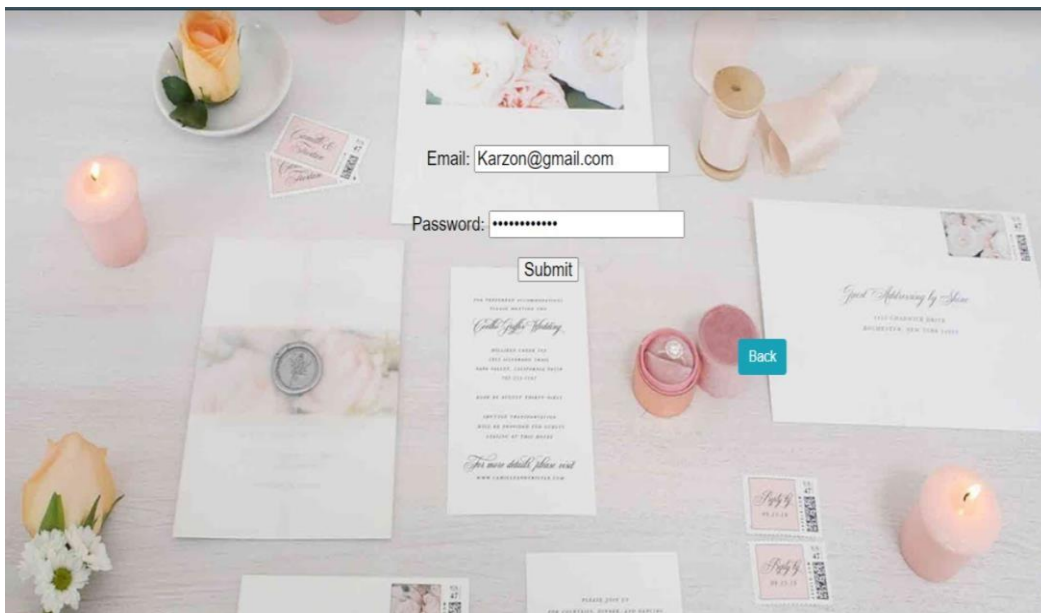
Phone:

Email:

User Name:

Password:

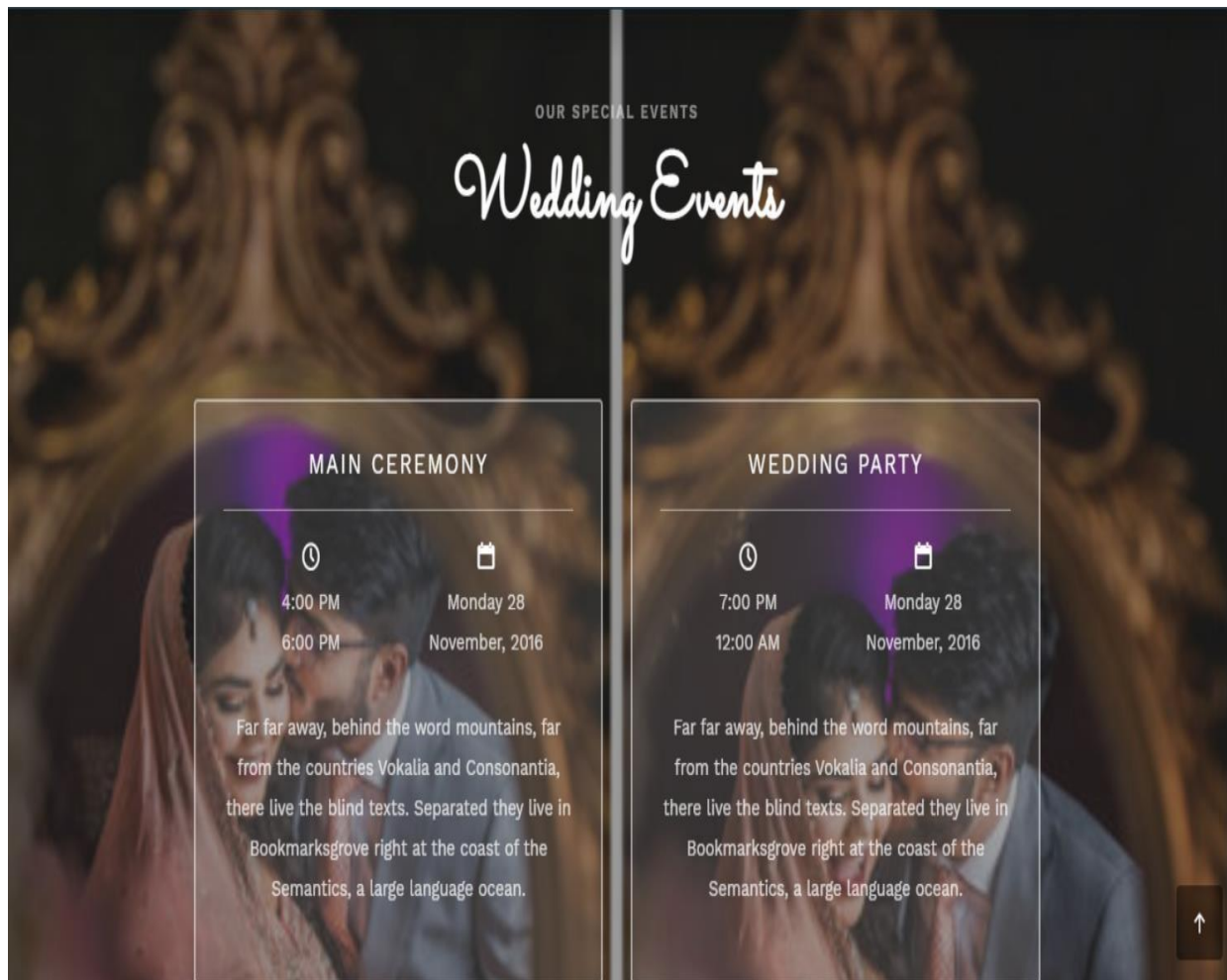
Login page



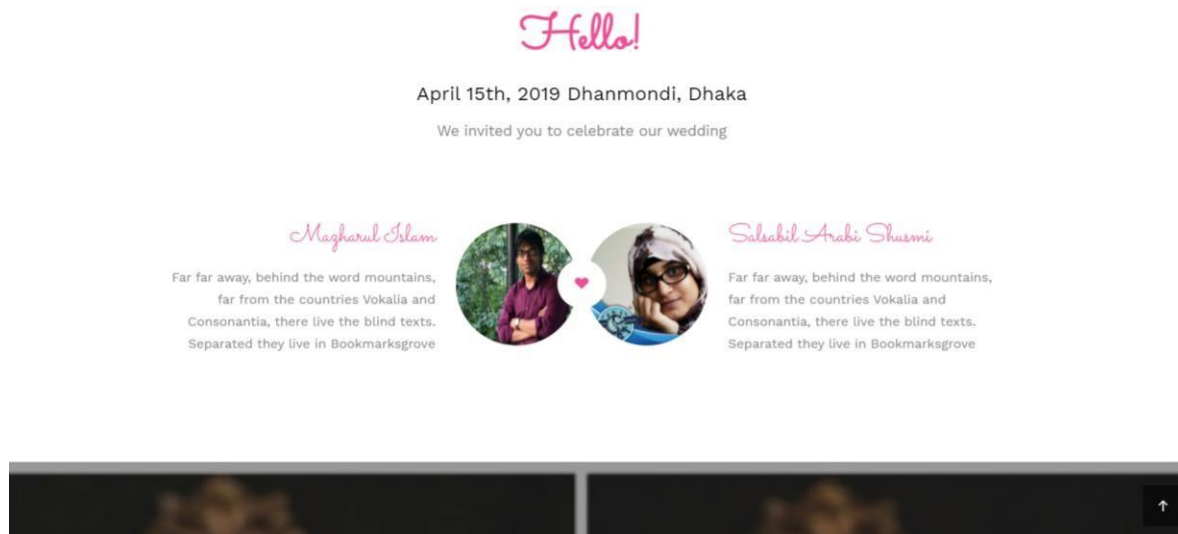
Email:

Password:

Update wedding day and time:



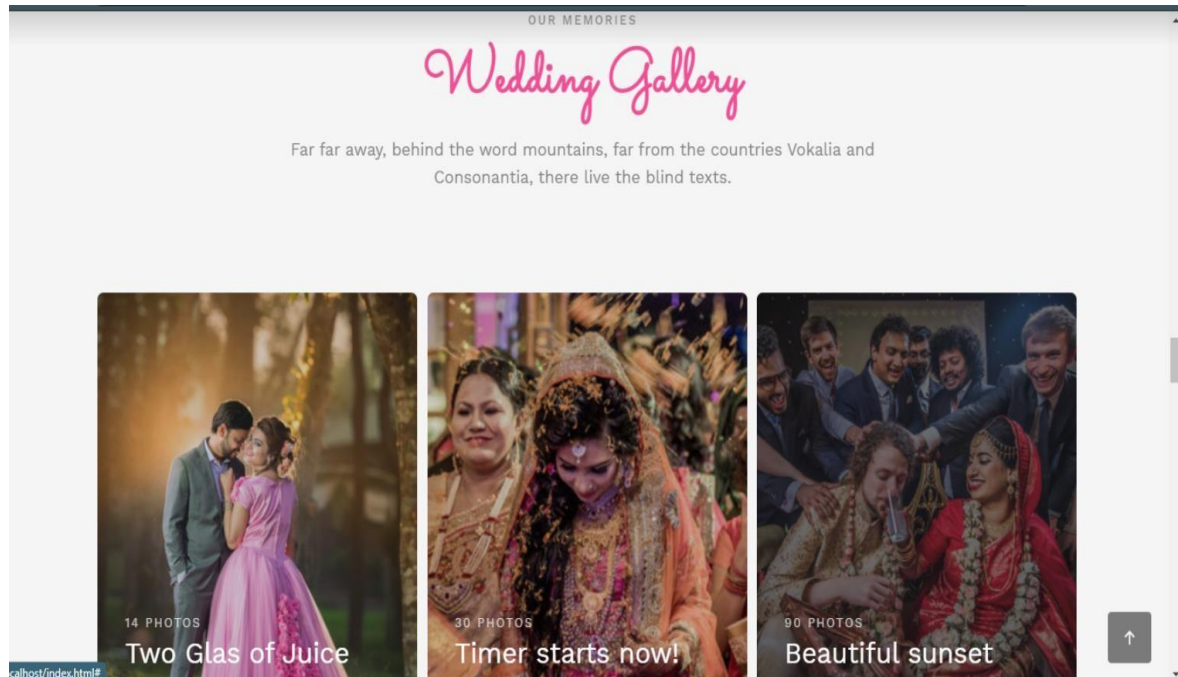
Wedding invitation page:



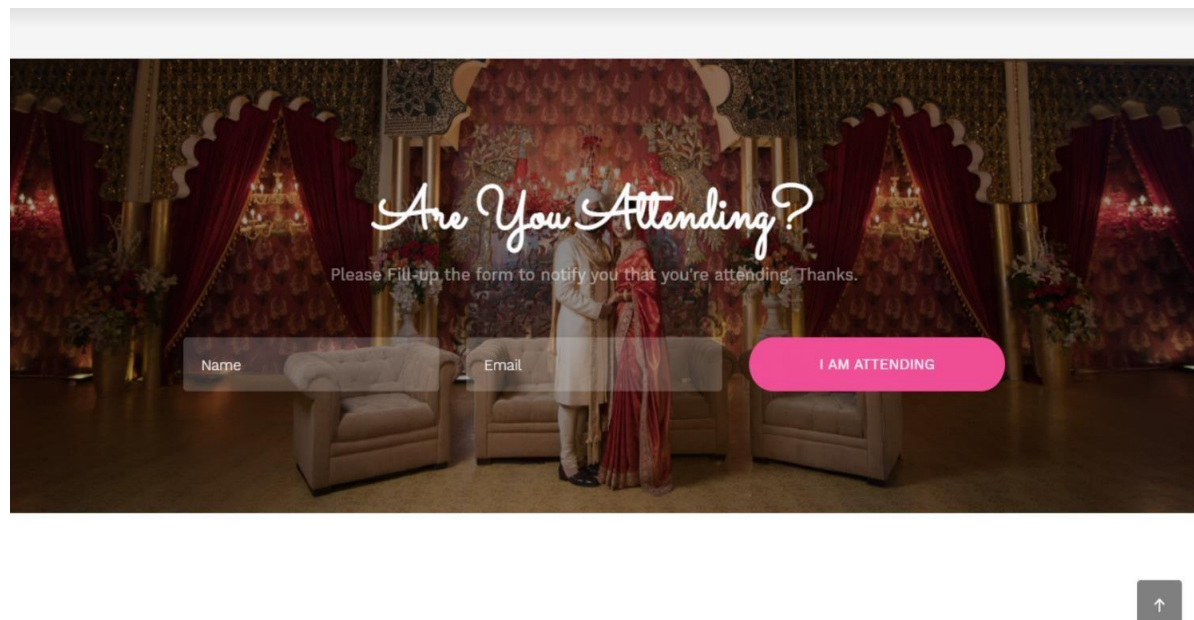
Search customer:



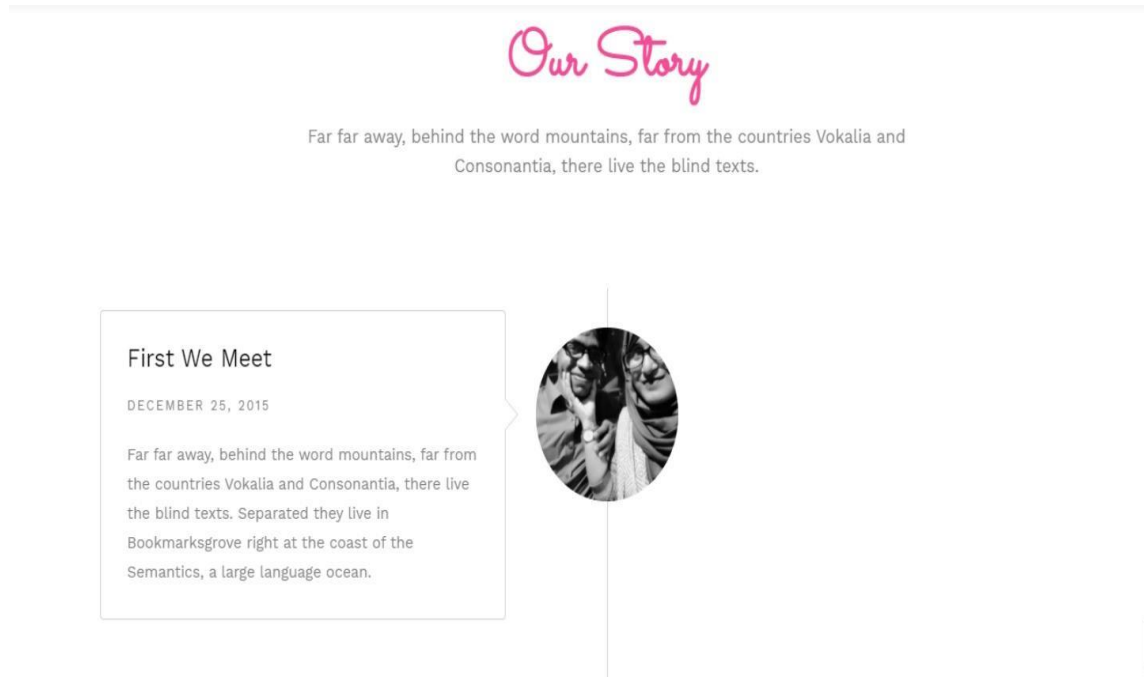
Gallery:



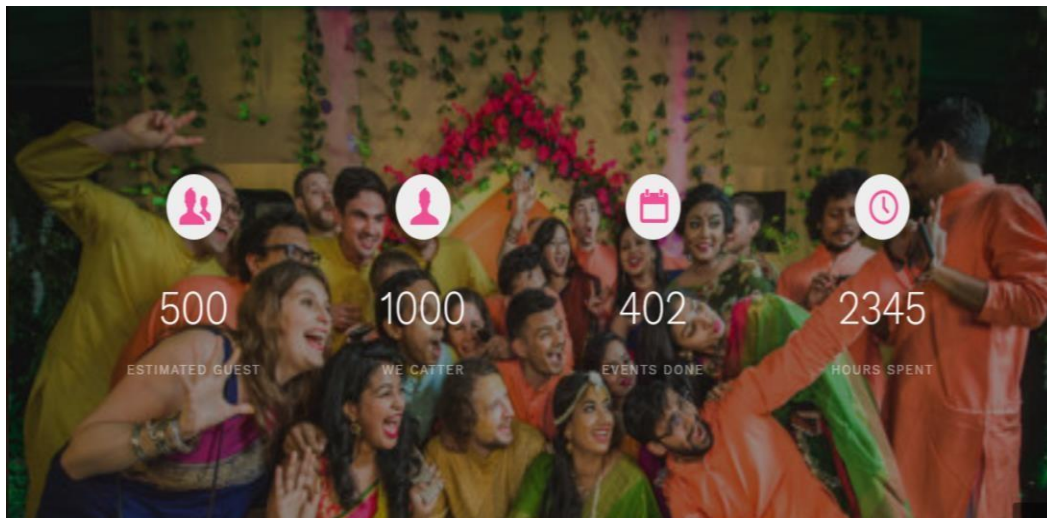
Invited people confirm arrival



Update couple story



Events Update:



Chapter:8

Lesson Learned:

By working on this project learned few development tools like html, CSS, php, sql etc. Also, with the help of my supervisor now i know how to write reports and formatting of reports. Throughout the project i also understood the importance of an application like wedding management to conduct wedding ceremonies and how it makes managing wedding easier and fruitful.

Chapter: 9

Conclusion:

Internship program is one of the courses which let students gather practical knowledge on different skills. I have to work in an organization under experts that I am sure will be able to help me with opportunities in the future. One main thing that I have learned through this internship is time how to make best use of time and how to work smartly. I can honestly say that my time spent interning with IT WORLD. Not only did I gain practical skills but I also had the opportunity to meet many fantastic people. The atmosphere at the office was always welcoming which made me feel right at home. Additionally, I felt like I was able to contribute to the company by assisting and working on projects throughout the summer. This internship has shown and provided me a wonderful opportunity to acquire various technological skills. Though it will take more time to master those skills, at this moment I am confident to apply those in any of my projects. I had to learn a lot of new set of commands which I got help from Google to complete my project.

Online wedding management system is a wonderful application that will make managing wedding so smooth and perfect. Almost all the task of wedding can be managed by this application easily by sitting at home. No longer need to hurry and go everywhere for different necessities of wedding. This system will be beneficial for both customer and different organizations related with wedding. In future online wedding management application will be one of the demanding applications.

References:

- <https://studylib.net/doc/8541152/online-wedding-planning-system.asp.net>
- [https://www.academia.edu/35460232/Final Year Project Report Event Management System University of Management and Technology C II Johar Town Lahore Pakistan](https://www.academia.edu/35460232/Final_Year_Project_Report_Event_Management_System_University_of_Management_and_Technology_C_II_Johar_Town_Lahore_Pakistan)
- <http://www.itworldbd.net/>
- <http://www.scirj.org/papers-1013/scirj-P101319.pdf>
- <http://blisseventschicago.com/>
- <https://www.brides.com/gallery/how-to-plan-your-own-wedding>
- <http://www.bdweddingplanners.com/>
- <https://www.theknot.com/>
- <https://www.wednet.com/>
- <https://www.ftias.com/benefits-system-analysis/#.YKcTtqgzZPY>

