

# **Online Venue Booking and Tour Planner**

**(OVBTP)**



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**H-8 Islamabad  
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## **DECLARATION**

I hereby declare that this software, “[**Online Venue Booking and Tour Planner**]” neither as a whole nor as a part therefore has been copied out from any source. It is further declared that I developed this software and this report entirely on the basis of our personal efforts made under the sincere guidance.

If any part of the system is proved to be copied out from any source or found to be report of some other, we shall standby the consequences.

No portion of the work presented in this report has been submitted in support of any application for any other degree or qualification of this or any other university or institute of learning.

We further declare that this software and all associated documents, reports, and records are submitted as partial requirements for the degree of BS (CS).

We understand and transfer copyrights for these material to Allama Iqbal Open University, Islamabad.

We shall not sale this software and document and not get any financial gains from these.

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Muhammad Naveed .....

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Mr.Saif-ur-Rehman .....

## **FINAL APPROVAL**

This is to certify that we have read the project report submitted by Muhammad Naveed, Babar Rehman & Muhammad Rashid Khan and we recommend that this report is of sufficient standard to warrant its acceptance by Allama Iqbal Open University, Islamabad, for BS (CS) degree.

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## **ACKNOWLEDGEMENT**

First of all, I express our gratitude to Almighty Allah Azawajal, the merciful, the compassionate and the creator of the whole universe, on the completion of my BS studies. It was not possible for me without His blessing upon me. I offer my humblest words of thanks to the Holy Prophet Hazrat Muhammad (Peace be upon him) who is forever a torch of guidance for humanity.

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I am especially like to thank BS fellows for their dedication and hard work for the completion of my project. They are very kind, helpful and cooperative with me to complete this work.

I am deeply indebted to my **Parents, my Friends & my brother Abdul Waheed** whose prayers and encouragement has always been a constant support to me. I am also thankful to my family members for their cooperation during my study.

## **PROJECT IN BRIEF**

Project Title	Online Venue Booking & Tour Planner
Organization (if any)	For Every Organization
Objectives	To Provide and efficient and effective system that could manage online venue bookings easily.
Developed By	Babar Rehman Muhammad Rashid Muhammad Naveed
Supervised By	Sir Saif-ur-Rehman
Tools Used	Adobe Photoshop , Dreamweaver, Codeigniter, MYSQl, PHP, Dreamweaver cs5
Operating System	Windows 7 Windows 8
System Used	Dell Core 2 Duo

## **ABSTRACT**

All venue bookings, hotels bookings and all other records were manual. They were facing lot of problem in this manual system. I have suggested to the management to convert their system into computerized web based system which fulfill your all requirements.

My project OVBTP (Online Venue Booking and Tour Planner) is to convert the manual based system to totally computerize and automatic system. We have also added the many advance features which not exist in the computerized systems and we also enhance the existing features. It includes Venues, hotels meeting room's etc. bookings into the system.

My software has the facility to give a unique id for every user automatically. It is accessible either by venue booker, venue owner. The data can be retrieved easily. The interface is very user-friendly.

There are a number of Venue Booking features. Some common features available in all systems like User's Registration, Post Venue's Edit and Update Venues. I tried to develop OVBTP (Online Venue Booking and Tour Planner) that all the sections are totally interconnected to each other.

My main objective is that this OVBTP (Online Venue Booking and Tour Planner) must be able to manage their all the venue bookings through online system with less time consuming.

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# **CHAPTER 1**

## **INTRODUCTION**



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## 1.1 INTRODUCTION

Technology is constantly changing. Society as we know it depends on this fact. That which we take for granted today would have been the stuff of science fiction as little as fifty years ago. In fifty year time, we will doubtless be excited, perturbed and baffled by yet more new developments. In the early years of the twenty first century, it is computers and the Internet that have captured the public imagination, and found their way into not just the working environments, but increasingly into the domestic spaces.

In this modern society, if we are not capable to cope up with these changes than we are not going to stand or survive anywhere in this technical world. Today there is no place for errors, so as to make a system more effective and efficient we need such technology where error prone chances must be least.

In the scenario of the assignment, we are required to develop a web-based application on Online Venue Booking & Tour Planner. In this time of recession where everyone, is either common people or business man, is in search for somehow meeting rooms, halls

and rooms etc. it allows users to search venues, place their bookings and add venues, meeting halls etc.

Our aim is to facilitate the people with online venue booking. Venue booking and tour planner allows users to online book venue and enjoy tour more effortlessly. Our project is based on online venue booking system which is a very complicated system in current scenario. People have to book more than one venue daily/hourly on single location. And reserve their booking for many types of event. These events include marriage events, parties or other type of business gatherings etc. Venue owner offer different packages to clients with different budgets according to client's choice and need.

In short "Venue booking and tour planner allows users to online book venue and enjoy tour more effortlessly. Our aim is to facilitate the people with online venue booking. People have to book more than one venue daily/hourly and the booking for many types of event. These events are marriage events, parties or other type of business gatherings. Venue owner offer different packages to clients with different budgets according to client's choice and need".

## **1.2 PROBLEM DEFINITION**

Now a day's finding venues has become one big problem. If they have to find a accurate and proper place for stay at hourly bases OR day wise in which manual system is a lengthy procedure.

That procedure is time consuming and costly too as user has to pay for suffering. Online Venue Booking and Tour Planner will enable the users to book venue in few steps without wasting time and money.

## **1.3 SCOPE OF THE PROJECT**

It is general purpose application it can be used at any place where we need to organize event, party and meeting etc. Venue Booking and tour planner helps users to search the destination. Select dates, hours and number of people and visit that place without any

extra effort. This system is also design for business parties like we offers summary of packages and prices including a list of suitable venues available to hold the Event and meeting for business and marketers. And it is optimum secure which protects you from leaking your personal information and provides unauthorized room conference rooms and meeting halls. Venue Booking and tour planner will not charge the Client for the venue finding or booking procedure. System will generate invoices, reports and agreements for booking.

There are three types of user that will interact with OVBTP.

**ADMINISTRATOR (TECHNICAL PERSON)**

**VENUE BOOKER USER (VENUE SEEKER)**

**VENUE OWNER USER (HOTEL, RESTURANT OR MEETING ROOM'S OWNER)**

#### 1.3.1 Administrator

**Where an Administrator can manage institute by following just these steps**

- Manage the user Profile/Accounts
- Manage Events and Facilities
- Send user notification
- Provide user Authentication
- Manage Bookings
- Manage Chatting's/Messages
- Generates the Reports
- Manage the Payments

#### 1.3.2 Venue Booker

**OVBT is best need for venues bookings. So OVBTP offered people to book venues with easy steps**

- Venue booking user will be registered.
- Venue booking user will be login after registration
- Search the venue's
- Book their desired destination
- Make payments

- Print receipt of venue's bookings
- See histories of their own bookings
- Check their account details
- Receive the email of bookings(if any)
- Send Messages

#### 1.3.3 Venue Owner

- Signup first for adding venues
- Login screen will be appear after logged in and signed up successfully.
- Update profile
- Add venue with full information and videos
- Edit existing venues if he/she is owner of that venue.
- Can check the status and viewers of his venues.
- Receive the email of bookings (if any)
- Manage his venue bookings
- Check the revenue details

### 1.4 BROAD BASED OBJECTIVES

The name of our Application is "ONLIN VENUE BOOKING AND TOUR PLANNER". This application will be Web Based (Browser Based) Application. It will register people and their profiles. There will be Separate Control Panel OR Dashboard for venue owner, venue booker and Admin (Super User) where settings to be managed. It is developed at the base of such purposes

- To replaces the manual venue booking system into automated venue booking system and the enhance the features of already automated systems.
- To manage users details
- To maintain records in Data Base effectively.
- To Provide User Friendly Environment.
- To Speed up all the Process of the Venue Bookings

#### 1.4.1 Specific Objectives

The system will serve the following objectives:

- To make it global
- To facilitate the venue searchers
- To facilitate the venue owners to add their venues and gain their users via our online platform
- To act as middle men connecting venue provider and venue seeker (3<sup>rd</sup> party)
- It will manage the information effectively.
- It will save the time and money.
- It will improve the data security.

## 1.5 FEASIBILITY REPORT

OVBT (Online venue booking and tour planner) is applicable for organization along with this organization all other organization having Internet facility can use this system. The system with internet connections should provide Front desk Panel, Venue Booker's Panel, Venue owner panel, Admin Panel. No extensive knowledge of computer is required. Only basic knowledge about computers and internet is sufficient for user and some technical knowledge for administration is required. Further specifications are as given below:

### 1.5.1 Hardware Specification:

RAM	4GB
Hard Disk	256GB
Input Devices	Mouse, Keyboard
Output Devices	Monitor/LCD, Speakers, Printer
Internet	1MB/S

### 1.5.2 Software Specifications:

Operating System	Window XP, Windows VISTA, Window 7, Window 8
Front-End	HTML , CSS
Language	PHP, Jquery, AJAX and Java script
Database:	MySQL with Codeigniter Framework
Tools:	Dreamweaver cs5 MS SQL Server 2.2 Adobe Photoshop cs6 Fusion Charts
Browser	Mozilla, Opera, chrome, Safari

### 1.5.3 Approximation of Time, Cost, Resources

- **Time:**

This project will complete in 07 month

- **Cost:**

This Project is my final degree project that's why we can't meet to professional its cost approximation is Almost 90,000/-

- **Resources:**

To complete my OVBTP project different resources are used. Major help by my Supervisor and then my BS fellows and other friend who are working in this environment. This system has been tested for feasibility in the following points.

- **TECHNICAL FEASIBILITY**
- **ECONOMIC FEASIBILITY**
- **OPERATIONAL FEASIBILITY**

#### 1.5.4 Technical Feasibility

The project “OVBTP” is technically feasible because of the below mentioned feature. The project was developed in Coordinator, Dreamweaver, PHP, JavaScript, MySQL Server. It provides the high level of reliability, availability and compatibility. All these make it an appropriate language for this project.

#### 1.5.5 Economical Feasibility

The computerized system will help in automate the details of the organization. With this software, the machine and manpower utilization are expected to go up by 80-90% approximately. The costs incurred of not creating the system are set to be great, because precious time can be wanted by manually.

#### 1.5.6 Operational Feasibility

In this project, the management will know the details of each project where he may be presented and the data will be maintained as decentralized.

## **CHAPTER 2**

## **EXISTING SYSTEM ANALYSIS**

## **2.1 EXISTING SYSTEM**

Now a day's finding venues has become one big problem. If they have to find a accurate and proper place for stay at hourly bases and day wise in which manual system is a lengthy procedure.

That procedure is time consuming and costly too as user has to pay for suffering. Online Venue Booking and Tour Planner will enable the users to book venue in few steps without wasting time and money. The developed Venue Booking system is web-based which Requires Venue Booker Registration & Profiles, Venue Search, Venue Owner Registration & Profiles, and Report, Views and History Option for both Venue Owner and Venue Booker etc. Venue Owner can add Own Profile and post new venue and Venue Seeker can Search Venue based on Geographical Area (Country, State, and City),Meeting room, Birthday celebrations wise etc.

## **2.2 DRAWBACKS IN EXISTING SYSTEM**

As described previously that the Users of VBTP are facing a lot of problems in their manual system so some of the main drawbacks of existing manual system are as follows. And we select international website jovago.com as exiting computerized system.

### **2.2.1 Inefficiency**

The existing system is inefficient, as each task completion needs much time. For example if it is required to search a specific venue of any country and other detail then for this purpose many registers will be searched and the search may be unsuccessful. Secondly the specific information at specific time is sometimes not achieved. Venue Videos are not available in existing systems and neither have proper root available in the form of google maps.

### **2.2.2 Hourly Booking**

The existing system don't have hourly booking they only support for daily booking, so that's why user have not satisfied by their system because if a business industry

persons want to book meeting rooms only for some hours how they can that's the main problem in existing systems.

#### 2.2.3 Custom offers

The existing system is much less effective and unreliable due to no custom offers, existing system did not provide custom offers to their users for example user want to enable extra facility for venue which is not included in original offer like AC, Generator etc.

#### 2.2.4 Visiting plan

In existing system there is no visiting plan , if user want to visit venue in advance or before booking they can't because existing systems did not support visiting plans.

#### 2.2.5 Manual payment methods

There is no facility of manual payments, this is the most needy thing in current innovative era because there are most chances that user do not have their online payments method and he/she want to pay their booking's bill through local accounts like Local Banks, Easy Paisa etc. and this offer is not facilitated by existing systems.

#### 2.2.6 Venue Video

The existing system also did not support for each venue's video, this is the reason for existing system did not gain the full user concentrations.

#### 2.2.7 SMS Notifications

Most common problem in exiting system is sms notification existing systems do not generate sms notifications for their users.

#### 2.2.8 Multiple events not supported

Existing system do not have multiple events support like Meeting rooms, hotel, restaurant etc. this is the most understandable drawback in exiting system we feels.

## 2.3 MAIN SYSTEM ANALYSIS DIAGRAM

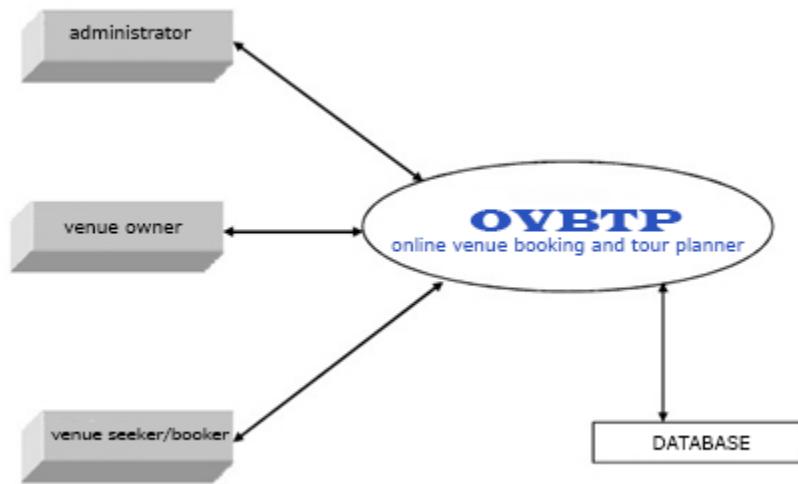


Figure 2.1

## **CHAPTER 3**

## **PROPOSED SYSTEM**

### **3.1 INTRODUCTION**

System is a web based application. All the data maintained in databases and present in web forms with attractive and easily understandable user interface. In this system user become able to book the venue on hourly/daily bases. Users can see the location in the map of every hotel or place and visit route straightforwardly given on website, they can also pay bill online through our online payment methods like PayPal. And the online payment process is completely safe and secure. System will provide list of different packages on time of booking and also will calculate accurate budget for booking. And with the help of booking calculator user can get the complete details of the booking and easily book its desired time/date.

The proposed system is a web based application which allows venues owners and seekers to register their details. Venue seeker or booker can browse through the venues details that are posted and make booking online. Venue owner can add new venue details and update plus delete existing venue's details.

- Filter Search facility for venue seekers according to their desired places.
- Daily updates via notifications and other communication media like emails and many more.
- All venues are available on a single interface at worldwide area
- Generate receipts and reports for the users
- Ease of adding venue by owner
- Ease of filtering venues
- Ease of communication between venue seeker/booker and venue owner by internal messaging
- Venue and system/website rating
- Easy generated reports

### **3.2 CHARACTERISTICS**

- This Web based application should work in all times 24 hours around the day.
- This web based Application must be robust, efficient, and intelligent.

- The Application must have User Friendly GUI

### **SECURITY SYSTEM:**

The security of our system will be highly concerned. Our system will provide comfort and secure services.

#### 3.2.1 Goals:

- Users have to make very less effort.
- An easy access.
- Reduce effort for the venue seeker and booker.

#### 3.2.2 Constraints

- The Interface is provided only in English. So, the user should know English.
- Login and password is used for identification of user and there is no facility for guest user
- Registered users only have the rights to access the facilities provided by the system.
- The user can access Online venue booking and tour planner from any computer that has internet connection and internet browsing capabilities.

#### 3.2.3 Assumption

The application is developed by the developers by assuming the:

- The user have intermittent knowledge of computers and its interface.
- The computer has internet connection and internet browsing capabilities.
- The user knows English as GUI has been provided in English.
- Venue booker should be from any fields. (We are using incremental model, so first we are making it only for venue booker from IT fields.)

### **3.3 HARDWARE SPECIFICATION:**

RAM:	4GB
Hard Disk	256GB

Input devices:	Mouse, Keyboard
Output devices:	Monitor/LCD, Speaker, Printer
Internet:	1MB/S
System:	Intel Core i5 or above

### 3.4 SOFTWARE SPECIFICATIONS:

Operating system:	Window XP, Windows VISTA, Window 7, Window 8
Front-End:	Bootstrap, HTML ,CSS
Language:	PHP
Database:	SQL Server 2.5
Tools:	Dreamweaver , Adobe Photoshop MS SQL Server 2.5 Fusion Charts
Browsers:	Mozilla, Opera, Chrome, Safari

### 3.5 MAIN SYSTEM DIAGRAM

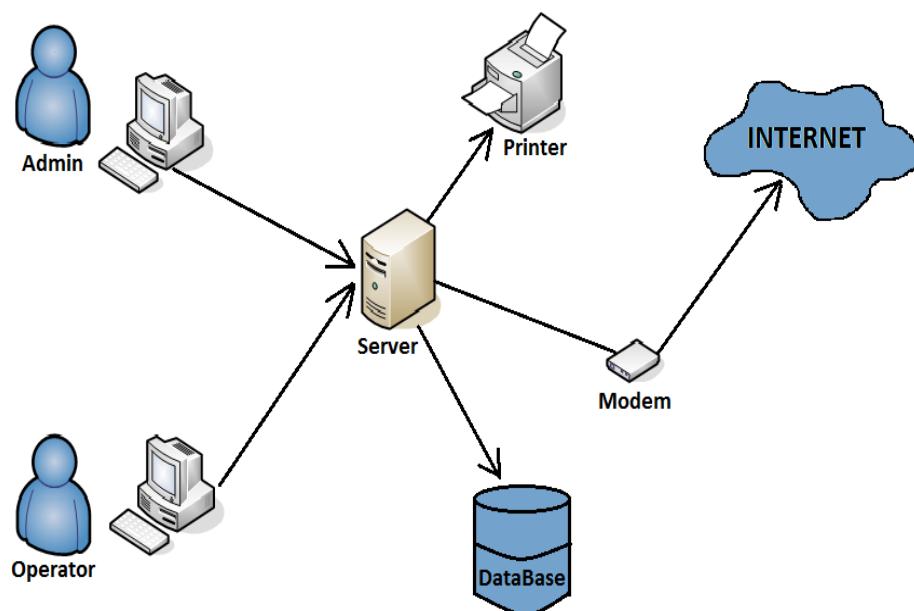


Figure 3.1

### **3.6 BENEFITS OF PROPOSED SYSTEM**

One of the main benefits of the system is OVBTP System that all information through web. So the OVBTP can provide better services to their users. So they can better meet the needs of future.

#### **3.6.1 Efficiency**

The system will increase the efficiency of work. The record can be inserted, deleted, editing and searched efficiently. So efficient work can be accomplished without the wastage of time

#### **3.6.2 Usability**

The usability of a website is a critical aspect that demands special attention. Usability is defined as the “extent to which a product can be used by specified report to achieve specified goals with effectiveness, efficiency and satisfaction in a specified context of use.

Our website should allow the user to reach their goals without digressions. It should quickly react to the user actions, be non-distracting and should allow user to operate the website in a linear way.

#### **3.6.3 Security**

One of the most important non-functional requirements is security. Security requirements come in different forms.

#### **3.6.4 Privacy**

The website shall not search or store/update any personal information about a certain user that cannot be changed by the unauthorized user.

#### **3.6.5 Access Rights**

The website shall not allow the other unknown user to access the database directly or shall not allow making changes in database.

### 3.6.6 Scalability

Scalability is a critical issue for a website because it can experience heavy traffic from day to day. It thus needs to make sure our website will be scalable according to the increasing traffic.

### 3.6.7 Extensibility

Extensibility is a quality of design that takes possible feature advances into consideration and attempts to accommodate them. The mobile management website shall therefore be able to allow the addition of features without impact to the existing website functions.

### 3.6.8 Maintainability

The code developed in this task needs to be maintained by us. So, we will also document all necessary features and parts of the code.

### 3.6.9 Testability

To ensure a proper testability of the code we will develop unit tests for all critical parts of the software. Unit tests can be executed automatically to confirm the correct operation of the code after changing parts of the system.

## 3.7 PLATFORM COMPATIBILITY

A wide range of browsers are available now. So, our website should thus support all browsers.

### 3.7.1 Performance

Most of the internet connections still have to deal with lower bandwidths, one of the main focus points for performance considerations should be the amount of display data on one web page.

# **CHAPTER 4**

## **SYSTEM DESIGN**

## **4.1 INPUT DESIGN**

In this OVBTP (Online Venue Booking and Tour Planner) user directly enters the data. There is no need to record data onto a medium (paper and such) that is later input to the computer this input is direct! If data is entered incorrectly, the computer's edit program detects the error and immediately requests that the operator make a correction.

So human factor plays a significant role in the input design. Input specifies the manner in which data enters the system for processing an accurate and effective input design ensures the reliability of the system otherwise output may be erroneous. To insert the data into a computer system input forms must be designed. The input record, design methods and procedures for getting the data into computer system the following factors have been considered.

- 1      The input data must be validated.
- 2      The format for data input should be easy.
- 3      There should be instructions for completing the form.
- 4      There should be less typing work required.

Input controls are used to ensure the accuracy of data input to the computer at input stage. Special care is taken to ensure that data is valid. The messages will be displayed when the user enters incorrect data e.g. Figures or digits will not be accepted in character field and vice versa. So there are validation checks with proper messages, which will guide the user.

## 4.2 INPUT DESIGN FOR OVBTP VENUE BOOKER REGISTRATION PAGE

Input Name	Enter Data
First Name	Enter Your First Name
Last Name	Enter Your Last Name
Email	Enter Your Email
Contact Number	Enter Your Contact Number
Payment Method	Select Your Payment Method
Submit Button	Press Confirm Booking Button to Submit Data

**Personal Info**

**First Name:**

**Last Name:**

**Email:**

**Contact No:**

---

**Select Payment Method**

 **Via Paypal**

 **Via Local Bank**

 **Via Easy-Paisa/Mobicash/UBL-Omni**

**Confirm Booking**

Have already account? [Sign In](#)

Figure 4.1

#### 4.2.1 Input Design For Venue Booker Login Page

Input Name	Enter Date
Email	Enter Email
Password	Enter Your Password
Login Tab	Press Login Button

Sign In

Please enter the required information for sign in.

---

Email:

Password:

[Forgot Password?](#) [Have not account? Sign Up](#)

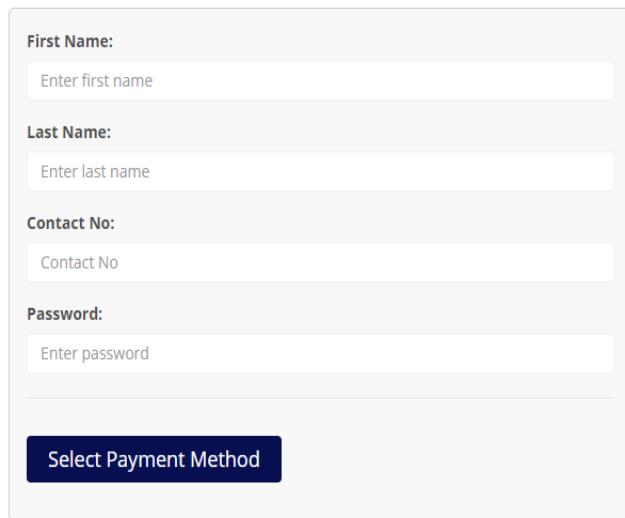
Figure 4.2

### 4.3 INPUT DESIGN FOR VENUE OWNER REGISTRATION PAGE

Input Name	Enter Data
First Name	Enter Your First Name
Last Name	Enter Your Last Name
Contact Number	Enter Your Contact Number
Password	Enter Your Password
Select Payment Method	Press Payment Method to save your data

## Sign Up As Venue Owner

Please enter the required information for sign up.



The image shows a sign-up form titled "Sign Up As Venue Owner". It includes fields for First Name, Last Name, Contact No., and Password, each with an input placeholder. A "Select Payment Method" button is at the bottom.

First Name:	Enter first name
Last Name:	Enter last name
Contact No.:	Contact No
Password:	Enter password
Select Payment Method	

Figure 4.3

### 4.3.1 Input Design For Venue Owner Login Page

Email	Enter Email
Password	Enter Your Password
Login Tab	Press Login Button

Sign In

Please enter the required information for sign in.

---

**Email:**

**Password:**

[Forgot Password?](#)
[Have not account? Sign Up](#)

Figure 4.4

## 4.4 USE CASE DIAGRAM

The purpose of this diagram is to demonstrate how objects will interact with our Online Venue Booking System and map out the basic functionality of the system. Below is a list of the elements that you will see in the diagram on the next page as well what is included in the use case templates that follow.

<b>Actors</b>	Shown in the diagram as stick figures with a name underneath. They represent elements that will be directly interacting with the system.
<b>Use cases</b>	Oval shapes that have their names in the center. These represent direct functionality within the system that must be implemented.
<b>Interactions</b>	Lines that connect the actors with the different Use Cases. These show that there is some form of direct interaction between the actor and that specific functionality.

<b>Includes</b>	Dotted lines labeled “<<include>>” that connect two use cases and have an arrow pointing towards one. This means that the use case without the arrow calls on the functionality of the use case with the arrow.
<b>Extends</b>	Dotted lines labeled “<<extend>>” that connect two use cases and have an arrow pointing towards one. This means that the use case without the arrow takes all of the functionality of the use case with the arrow and adds extra functionality.
<b>Type</b>	A field in the use case template that states whether or not the use case is directly interacted with by an actor (Primary) or not (Secondary) as well as whether or not it is essential to having a functioning system.

## 4.5 DATA FLOW DIAGRAMS (DFD'S)

The DFD was first developed by Larry Constance as a way of expressing system in a graphical form. A DFD, also known as Bubble Chart, has a purpose of clarifying system requirement and identifying major transformation that will become the programs in the system design.

### 4.5.1 DFD Symbols:

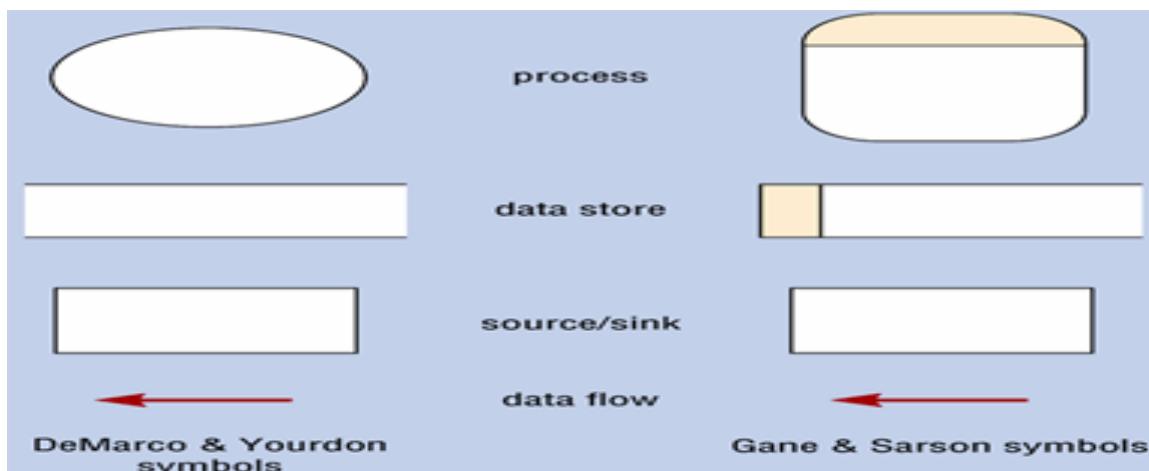


Figure 4.5

#### 4.5.2 Use Case Diagram For Venue Booker

Name	Description
<b>Sign Up</b>	For Venue Booker registration to the site, a click on sign up. Now button will provide him with a registration form. After filling all the details in the registration form i.e. the mandatory ones which are marked by * has to be filled necessarily and the remaining may be left, user has to submit it by clicking on submit button. Notification via message will be displayed.
<b>Login</b>	It allows only authorized people to access the application. When the user logs in to the system, the user has to enter login details in the specific username and password fields. The user clicks on login button and if id and password are validated, then the user is given access to the application and user profile is displayed.
<b>Update Profile</b>	Venue Bookers can update their profile
<b>Make Booking</b>	Venue Booker can make booking it has full authority to book any venue he just need to already registered user and payment methods are already provided, After filling all the details in the registration form i.e. the mandatory ones which are marked by * has to be filled necessarily and the remaining may be left, user has to select particular days and hours from booking calender, and click on book now button to take it to the further process of booking.
<b>Search and View Venues</b>	Venue Booker or Seeker can <b>Search Venues</b> for a particular booking by filtering criteria and filling all the required fields. As the venue booker clicks on Search Button, all the venues within the criteria are displayed.  After Searching, Venue Booker now has the option to <b>View and book</b> . A click on book now buttons to book that venue.

<b>Send Message</b>	When Venue Booker clicks on <b>Contact User</b> button, he gets the two fields subject input and message input for message. After filling the message and subject fields click on submit message button to submit message to the venue owner. Venue Booker only send a message to the venue owner and can check venue owner profile as well.
<b>Make Payments</b>	Venue Booker can make payments though online payments methods and local account's payment methods, easy paisa etc.
<b>Reports</b>	Venue Booker can check their booking history and reports
<b>Logout</b>	After completing his work the Venue Bookers can logout from his account.

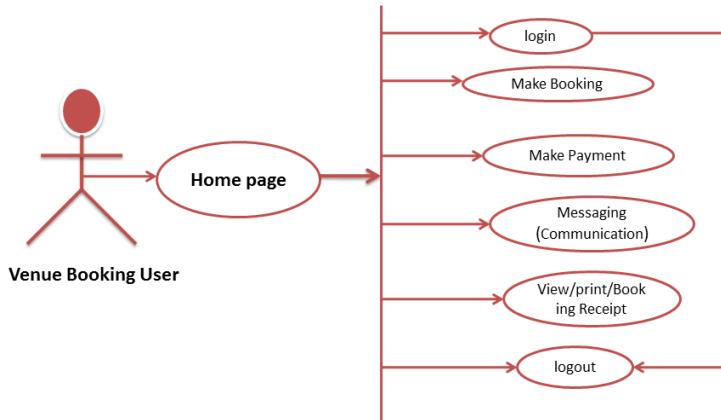


Figure 4.7

#### 4.5.3 Use Case Diagram For Venue Owner

Name	Descriptions
<b>Sign Up</b>	Venue Owner if wants to register to the site, a click on Sign Up button will provide him with a registration form. After filling all the details in the registration form i.e. the mandatory ones which are

	marked by * has to be filled necessarily and the remaining may be left, user has to submit it by clicking on submit button. Notification via message will be displayed.
<b>Login</b>	It allows only authorized people to access the application. When the user logs in to the system, the user has to enter login details in the specific username and password fields. The user clicks on login button and if id and password are validated, then the user is given access to the application and user profile is displayed.
<b>Update Profile</b>	Venue Owner can update their profile
<b>Manage Venues</b> <b>Add/Edit/Delete</b>	The Venue owner has a big authority to add venue , can edit/update venue and also he can delete venue from database if he enter venue by themselves , note that he has no authority to delete venue enters by other persons.
<b>Manage Events</b>	Venue Owner can manage all type of events if has been already generated or not , even if he enter that events by themselves like meeting rooms , halls , birthday celebrations.
<b>Ratings</b>	Venue Owner can make rating of the system.
<b>View Revenue</b>	Venue owner can view revenues those revenues already been generated.
<b>Receive Notifications</b>	Whenever any user perform booking operation to the site as an venue booker, the venue owner and venue booking user both receives notification messages confirming their booking.
<b>Logout</b>	After completing his work the venue owner can logout from his account.

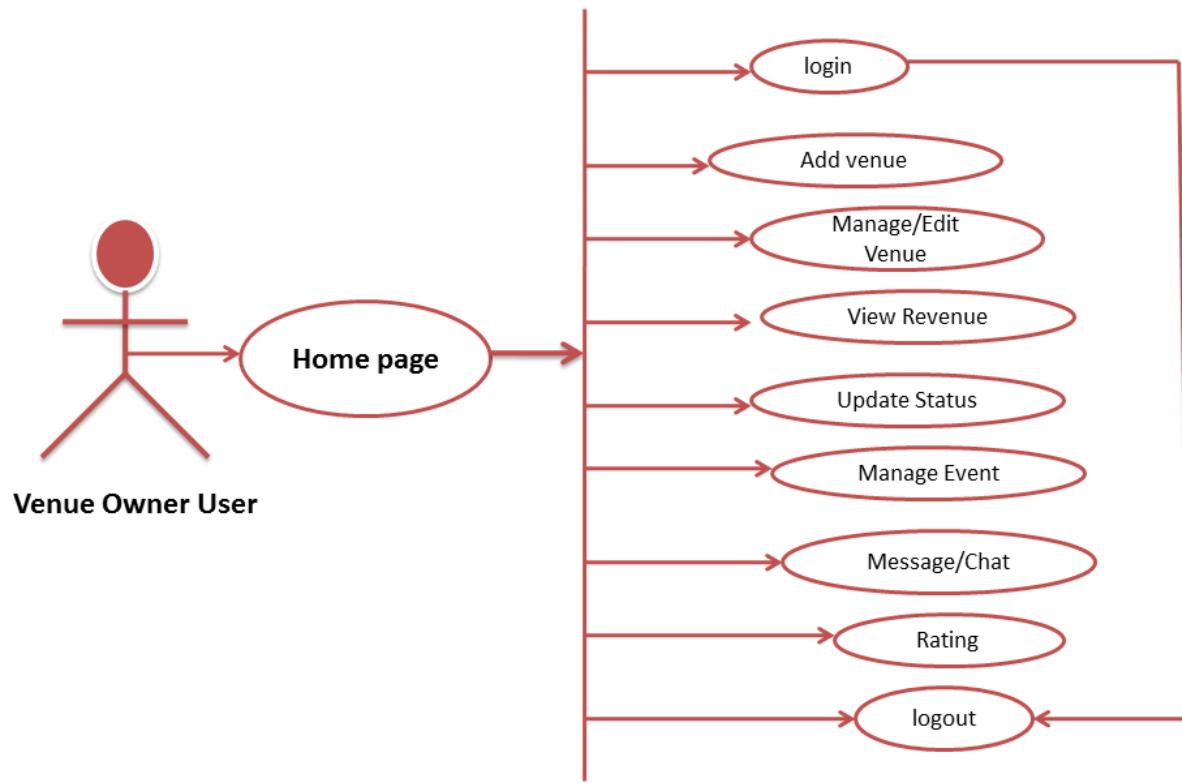


Figure 4.8

#### 4.5.4 Use Case Diagram For Admin

Name	Description
Login	<p>It allows only authorized people to access the Admin Panel. When the user logs in to the system, the user has to enter login details in the specific username and password fields. The user clicks on login button and if id and password are validated, then the user is given access to the application and Admin panel is displayed.</p>
Manage User Profile	<p>Admin has the responsibility to manage the venue owner as well as the venue booker modules. This includes managing their account, usernames and passwords etc.</p>
Manage Bookings	<p>Admin has responsibility to manage the all type of bookings</p>

	although it is booked by any type of user.
Payments	Admin can view the payments module, update payment module , edit payments and have authority to manage all payment activities at back-end and front-end site.
Manage Venues	The Admin has a full authority to add venue , can edit/update venue and also he can delete venue from database.
Send notifications to venue owner and venue booker	The administrator can send notifications to the subscribers,all type of users regarding account details consisting of their subscriptions, creation dates, events, etc
View User Profile	Admin can view all the data of venue owner and venue booker
Add admin	Admin can give the access to other persons through adding the admin.
Logout	After completing his work the admin logout from his account

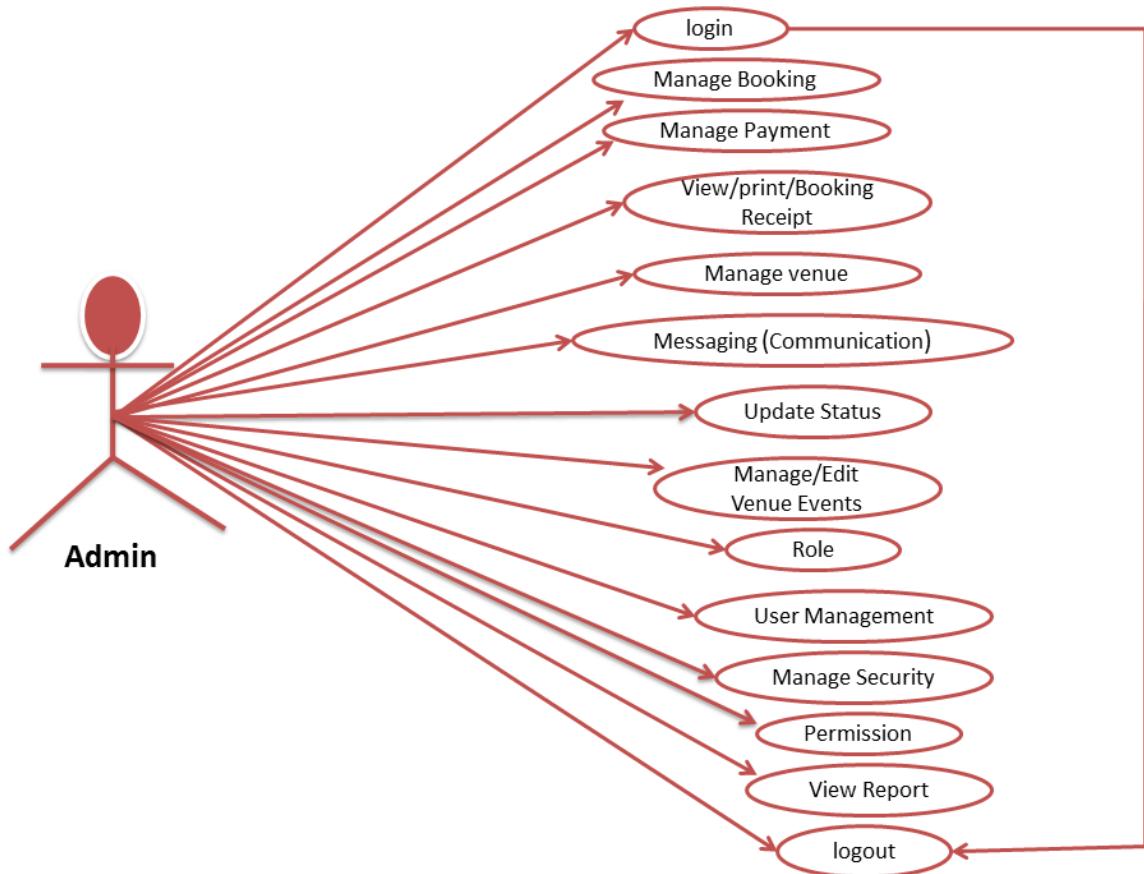


Figure 4.9

## 4.6 Database Design

<b>Actors</b>	Shown in the diagram as stick figures with a name underneath. They represent elements that will be directly interacting with the system.
<b>Use cases</b>	Oval shapes that have their names in the center. These represent direct functionality within the system that must be implemented.
<b>Interactions</b>	Lines that connect the actors with the different Use Cases. These show that there is some form of direct interaction between the actor and that specific functionality.
<b>Includes</b>	Dotted lines labeled “<<include>>” that connect two use cases and have an arrow pointing towards one. This means that the use case without the arrow calls on the functionality of the use case with the arrow.
<b>Extends</b>	Dotted lines labeled “<<extend>>” that connect two use cases and have an arrow pointing towards one. This means that the use case without the arrow takes all of the functionality of the use case with the arrow and adds extra functionality.
<b>Type</b>	A field in the use case template that states whether or not the use case is directly interacted with by an actor (Primary) or not (Secondary) as well as whether or not it is essential to having a functioning system.

### 4.6.1 booking\_order\_time\_record

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>venue_id</b>	Null	Int (11)	Foreign Key
<b>event_id</b>	Null	Int (11)	Foreign Key

<b>Venue_booking_id</b>	Null	Int (11)	Foreign Key
<b>Hour</b>	Null	Varchar(255)	
<b>Date</b>	Null	date	
<b>Amount</b>	Null	Varchar(255)	

#### 4.6.2 booking\_user

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>u_id</b>	Not Null	Int (11)	Foreign Key
<b>f_name</b>	Null	Text	
<b>l_name</b>	Null	Varchar(255)	
<b>Email</b>	Null	Varchar(255)	
<b>contact_no</b>	Null	Varchar(255)	
<b>payment_method</b>	Null	Varchar(255)	
<b>total_amount</b>	Null	Varchar(255)	
<b>total_amount_usd</b>	Null	Varchar(255)	
<b>owner_id</b>	Not Null	Int(11)	
<b>Venue_name</b>	Null	text	

#### 4.6.3 Event

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key

Type	Null	Varchar(255)	
------	------	--------------	--

#### 4.6.4 Facility

Name	NULL / NOTNULL	TYPE	Remarks
Id	Not Null	Int (11)	Primary Key
Name	Null	Varchar(255)	

#### 4.6.5 Massages

Name	NULL / NOTNULL	TYPE	Remarks
Id	Not Null	Int (11)	Primary Key
to_id	Not Null	Int (11)	Foreign Key
from_id	Not Null	Int (11)	Foreign Key
Subject	Null	Varchar(255)	
Message	Null	Text	
Date	Null	Date	
Status	Null	Int(1)	
is_deleted	Null	Int(1)	

#### 4.6.6 Payments

Name	NULL / NOTNULL	TYPE	Remarks
Id	Not Null	Int (11)	Primary Key
Venue_booking_id	Not Null	Varchar(255)	Foreign Key
collect_by_id	Not Null	Int (11)	Foreign Key

<b>total_amount</b>	Null	Varchar(255)	
<b>total_amount_usd</b>	Null	Varchar(255)	
<b>Paid</b>	Null	Varchar(255)	
Date	Null	date	

#### 4.6.7 Payment \_method

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>u_id</b>	Not Null	Int (11)	Foreign Key
<b>bank_account</b>	Not Null	Int (1)	
<b>pay pal</b>	Null	Int (1)	
<b>Mobicash</b>	Null	Int (1)	
<b>Easypaisa</b>	Null	Int (1)	
Ublomni	Null	Int (1)	
bank_name	Null	Varchar(255)	
bank_branch_code	Null	Varchar(255)	
bank_account_no	Null	Varchar(255)	
pay_pal_id	NOT Null	Varchar(255)	Foreign Key
nic_no	Null	Varchar(255)	
Contact_no	Null	Varchar(255)	

#### 4.6.8 Ranking

Name	NULL / NOTNULL	TYPE	Remarks

<b>Id</b>	Not Null	Int (11)	Primary Key
<b>user_id</b>	Not Null	Int (11)	Foreign Key
<b>Venue_management_reviews</b>	Null	Varchar(255)	
<b>security_reviews</b>	Null	Varchar(255)	
<b>user_management_reviews</b>	Null	Varchar(255)	
<b>support_maintenance_reviews</b>	Null	Varchar(255)	
Comments	Null	text	
Date	Null	date	
Status	Null	int(1)	

#### 4.6.9 Review

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>user_id</b>	Not Null	Int (11)	Foreign Key
<b>event_id</b>	Null	Int (11)	Foreign Key
<b>booking_id</b>	Null	int(11)	Foreign Key
<b>Review</b>	Null	Varchar(255)	
Comments	Null	Text	
Date	Null	Date	
review_status	Null	int(1)	

#### 4.6.10 User

Name	NULL / NOTNULL	TYPE	Remarks

<b>Id</b>	Not Null	Int (11)	Primary Key
<b>f_name</b>	Not Null	text	
<b>I_name</b>	Null	Varchar(255)	
<b>Email</b>	Null	Varchar(255)	
<b>Password</b>	Null	Varchar(255)	
Contact_no	Null	Varchar(255)	
booker_without_sign_up	Null	int(1)	
User_role	Null	int(1)	
Status	Null	int(1)	
pay_pal_id	NOT Null	Varchar(255)	Foreign Key
created_on	Null	date	
last_modified	Null	Date	
last_modified_ip	Null	Varchar(255)	
last_login_time	Null	Time	
last_login_date	Null	Date	
last_login_ip	Null	Varchar(255)	

#### 4.6.11 Venue

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>user_id</b>	Not Null	Int (11)	Foreign Key
<b>venue_name</b>	Null	Varchar(255)	
<b>Details</b>	Null	Text	

<b>Location</b>	Null	Text	
<b>location_description</b>	Null	Text	
added_on	Null	Date	
last_modified	Null	Date	
Status	Null	int(1)	
admin_status		int(11)	

#### 4.6.12 **Venue\_event**

<b>Name</b>	<b>NULL / NOTNULL</b>	<b>TYPE</b>	<b>Remarks</b>
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>vaneue_id</b>	Not Null	Int (11)	Foreign Key
<b>event_id</b>	Null	Int (11)	
<b>Name</b>	Null	Varchar(255)	
<b>Description</b>	Null	Text	
<b>Capacity</b>	Null	Varchar(255)	
Oaldb	Null	int(1)	
Price/h	Null	Varchar(255)	
Price/d	Null	Varchar(255)	
Day	Null	Varchar(255)	
day_s_time	Null	Varchar(255)	
day_e_time	Null	Varchar(255)	

#### **4.6.13 Venue\_event\_facilities**

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>Venue_event_id</b>	Not Null	Int (11)	Foreign Key
<b>facility_id</b>	Not Null	Int (11)	
<b>Price</b>	Null	Varchar(255)	

#### **4.6.14 Venue\_event\_files**

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>venue_event_id</b>	Not Null	Int (11)	Foreign Key
<b>Name</b>	Null	Varchar(255)	
<b>Type</b>	Null	Varchar(255)	
<b>Ext</b>	Null	Varchar(255)	
<b>Size</b>	Null	Varchar(255)	
<b>url</b>	Null	Text	

#### **4.6.15 Visiting\_plan**

Name	NULL / NOTNULL	TYPE	Remarks
<b>Id</b>	Not Null	Int (11)	Primary Key
<b>event_id</b>	Not Null	Int (11)	Foreign Key
<b>u_id</b>	Not Null	Int (11)	Foreign Key
<b>Date</b>	Null	date	

<b>Timing</b>	Null	Varchar(155)	
<b>Description</b>	Null	Varchar(255)	
Status	Null	Int (1)	

## **CHAPTER 5**

## **SYSTEM IMPLEMEMTATION**

## **5.1 DEFINITION FOR IMPLEMENTATION:**

A product software implementation method is a blueprint to get users and/or organizations running with a specific software product.

The implementation of product software, as the final link in the deployment chain of software production, is in a financial perspective of a major issue.

The complexity of implementing product software differs on several issues. Examples are: the number of end users that will use the product software, the effects that the implementation has on changes of tasks and responsibilities for the end user, the culture and the integrity of the organization where the software is going to be used and the budget available for acquiring product software.

## **5.2 IMPLEMENTATION POINTS:**

Some points we need to follow to implement our method such as:

- Developing an implementation Plan
- Creating an implementation Plan
- Method for Coding

Implementation is the stage where all the planned activities are put into action. Before the implementation of a project, the implementers (spearheaded by the project committee or executive) should identify their strength and weaknesses (internal forces), opportunities and threats (external forces).

The strength and opportunities are positive forces that should be exploited to efficiently implement a project. The weaknesses and threats are hindrances that can hamper project implementation. The implementers should ensure that they devise means of overcoming them. Implementation and monitoring are guided by the project work plan and monitoring provides information for project planning and implementation.

### 5.2.1 Developing An Implementation Plan

Our implementation plan is based on:

- Determine a time line for implementation
- Train and educate service providers
- Define roles and responsibilities of service providers
- Develop communication protocols among service providers and the working group
- Develop policies and procedures
- Time Line for Implementation:

We have proposed the project in the mid of August 2014. The project timeline to develop is five months but the strategies and plans for implementation are as below:

Proposal:	October 2015
Requirement Analysis:	20 days
Requirement gathering:	10 days
Methods for implementing:	November 2015
Coding:	Nov2015 – Jan 2016
Testing:	05 days

### 5.2.2 Creating An Implementation Plan

There are five points for creating an implementation plan:

- Planning for Success
- Doing it Right
- Establishing Timelines
- Delegating Responsibilities
- Monitoring Progress

### 5.3 METHODOLOGY:

The **Waterfall Model** is a sequential design process, often used in software development processes, in which progress is seen as flowing steadily downwards (like a cascade of waterfall) through the phases of Conception, Initiation, Analysis, Design, Construction, Testing, Production/Implementation, and Maintenance.

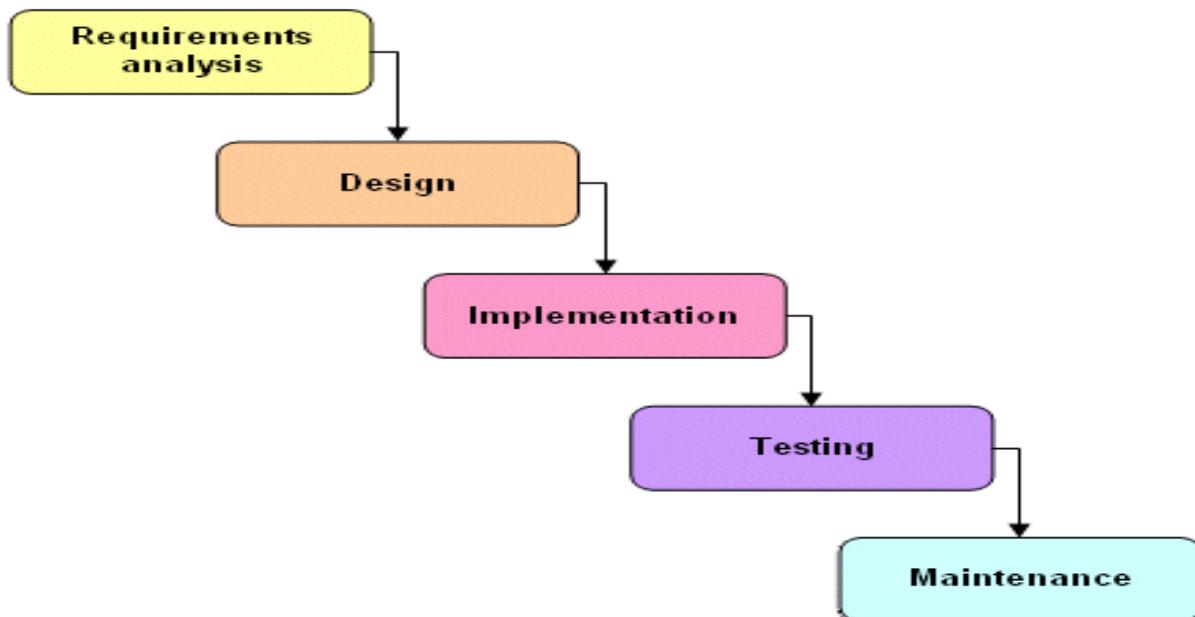


Figure 5.1

#### 5.3.1 Waterfall Model

The name of this model is justified by the diagrammatic representation which resembles a cascade of waterfall. It consists with intuitive set of phases. It has 5 phases:

- Requirements
- Design
- Implementation
- Verification
- Maintenance

The different phases starting from feasibility study to integration and testing phase & delivery is known as developmental pan. At the end of developmental part, product is to be delivered to customer and maintenance commences after that.

An activity that's spans all phases of any software development is project management. Even though conveniently omitted in the life cycle diagram, project management nevertheless is an important activity in the life cycle and deals with the managing the effort at all stages of product development and maintenance.

### 5.3.2 Analysis

- The model enforces discipline in software development process overcoming unstructured code and fixed processes.
- Allow a nicely understood theoretical flow in cascading manner.
- Documented approach, design documentation, code documentation, database manual, operational manual etc.
- Easier to maintain
- Progress is measures by producing crude and executable systems presented to stakeholders and improving them

## 5.4 FEASIBILITY STUDY:

Feasibility studies aim to objectively and rationally uncover Opportunities and threats as presented by the environment, the resources required to carry through, and ultimately the prospects for success. In its simplest terms, the two criteria to judge feasibility are cost required and value to be attained

### 5.4.1 Requirement Analysis and Specification:

The goal of the requirement analysis and specification phase is to clearly understand the customer requirements and to systematically organize the requirements into a specification document.

The main activities carried out during requirements analysis and specification phase are of two types as follows:

Requirements gathering and analysis Requirements Specification

The main purpose of the requirements analysis activity is to analyze the collected information to obtain a clear understanding of the product to be developed, with a view to removing all ambiguities, incompleteness, and inconsistencies from the initial customer perception of the problem. The SRS document is the final outcome of the requirements analysis and specification phase. There are 3 main types of problems in the requirements that the analyst needs to identify and resolve:

- **AMBIGUITY**
- **INCONSISTENCY**
- **INCOMPLETENESS.**

Other steps are discussed accordingly.

#### **FIVE COMMON FACTORS OF FEASIBILITY STUDY:**

The acronym TELOS refers to the five areas of feasibility - Technical, Economic, Legal, Operational, and Scheduling

##### **5.4.2 Technical Feasibility**

Technological feasibility is carried out to determine whether the company has the capability, in terms of software, hardware, personnel and expertise, to handle the completion of the project.

##### **5.4.3 Economic Feasibility**

Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. More commonly known as cost/benefit analysis, the procedure is to determine the benefits and savings that are expected from a candidate system and compare them with costs. If benefits outweigh costs, then the decision is made to design and implement the system. An entrepreneur must accurately weigh the cost versus benefits before taking an action.

##### **5.4.4 Legal Feasibility**

Determines whether the proposed system conflicts with legal requirements e.g. a data processing system must comply with the local Data Protection Acts.

#### **5.4.5 Operational Feasibility**

Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

#### **5.4.6 Schedule Feasibility**

A project will fail if it takes too long to be completed before it is useful. Typically this means estimating how long the system will take to develop, and if it can be completed in a given time period using some methods like payback period. Schedule feasibility is a measure of how reasonable the project timetable is.

### **5.5 PROGRAMMING ENVIRONMENT:**

#### **5.5.1 Back-End Tools**

- **PHP**
- **MVC Frame work (Codeigniter)**
- **MySQL**
- **Ajax**
- **Jquery**

#### **5.5.2 Front End Tools**

- **HTML5**
- **JQUERY**
- **CSS**

#### **5.5.3 Development Tool**

- **Adobe's Dreamweaver**
- **Adobe Photoshop cs6**
- **Linux Server**

#### 5.5.4 Reason For Selecting Mysql As Back-End

It provides better performance by taking advantage of early binding, just-in-time compilation, native optimization, and caching services right out of the box.

It is purely server-side technology so, PHP code executes on the server before it is sent to the browser.

#### 5.5.5 Reason For Selecting HTML, JQUERY, CSS PHP as FRONT-END

Web browsers successful implementation of CSS has given a whole generation of web author's site-wide control over the look and feel of their web sites.

CSS is powerful in that these properties are mixed and matched via identifiers to control the page's layout and visual characteristics through the layering of style rules (the "cascade").

A nice aspect of HTML5 is that it streamlines the amount of code that is required.

JavaScript is the third major component of a web page. JavaScript code, when properly applied to a web page, enhances the overall user and browser-based experience through attaching to events and controlling the overall behavior layer.

## **CHAPTER 6**

## **SYSTEM TESTING & EVALUATION**

## **6.1 TESTING STRATEGIES:**

Testing is a process of executing a program with the interest of finding an error. A good test is one that has high probability of finding the yet undiscovered error. Testing should systematically uncover different classes of errors in a minimum amount of time with a minimum amount of efforts. There are five stages of testing:

- Module or unit testing
- Integration testing
- Function testing
- Performance testing

### **6.1.1 Module or Unit Testing**

We have done interfaces tested for proper information flow. Local data are examined to ensure that integrity is maintained. Boundary conditions are tested. Basis path testing is used. All error handling paths should be tested. Drivers and/or stubs need to be developed to test incomplete software.

### **6.1.2 Integration Testing**

- Bottom - up testing (test harness).
- Top - down testing (stubs).
- Modified top - down testing - test levels independently.
- Big Bang.
- Sandwich testing.

### **6.1.3 Function/Performance Testing**

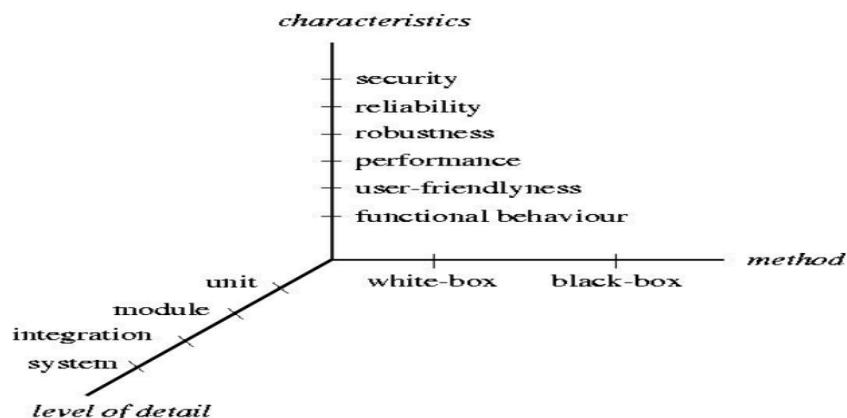
Functional testing means testing the application against business requirements. Functional testing executed using the functional specifications given by the client or by imposes the design specifications according to use cases given by the design team. Roles of functional testing are to validating the behavior of an application. There are different test cases that our project's quality assurance crossed. We have tested our

web application through all validations from client end so user could not get into trouble and will get a friendly interface. We generally used black box testing for client side.

#### 6.1.4 Code Testing

We have used white box testing for code. It tests internal structures or working of a program, as opposed to the functionality exposed to the end user. In white box testing an internal perspective of the system, as well as programming skills are used to design test cases. The tester chooses inputs to exercise paths through the code and determine the appropriate outputs. This is analogous to testing nodes in a circuit, e.g. in-circuit testing (ICT). Using white-box testing methods, we derived test cases that:

- Guarantee that all independent paths within a module have been exercised at least once
- Exercise all logical decisions on their true and false sides
- Execute all loops at their boundaries and within their operational bounds
- Exercise internal data structures to ensure their validity



**Figure 6.1**

#### 6.1.5 White Box: Loop-Testing

- Statement and branch coverage are not sufficient
- Single loop strategy
- Zero iterations
- One iteration

- Two iterations
- Typical number of iterations
- $n-1$ ,  $n$ , and  $n+1$  iterations ( $n$  maximum number of allowable iterations)
- Nested loop strategy:
- Single loop strategy often intractable
- Select minimum values for outer loop(s)
- Treat inner loop as a single loop
- Work ‘outwards’ and choose typical values for inner loops
- Concatenated loops:
- Treat as single, if independent
- Treat as nested, if dependent

#### 6.1.6 Project Testing Report

Testing phase is an important part of software development. It is the process of finding errors and missing operations also a complete verification to determine whether the objective are met and the user requirements are satisfied.

## 6.2 SOFTWARE TESTING IS CARRIED OUT IN THREE STEPS

The **first step** includes unit testing, where in each module is tested to provide its correctness, validity, and also determine any missing operations and to verify whether the objectives have been met.

Errors are noted down and corrected immediately. Unit testing is the important and major part of project. So errors are rectified easily in particular and program clarity is increased.

The **second** step includes integration testing. It need not be the case, the software whose module when run individually and showing perfect results, will also show perfect result when run as a whole.

The **final step** involves validation and testing which determines whether the software functions as the user expected. Here also some modifications were made in this completion of the project it is satisfied fully by the end user.

### **6.3 MAINTENANCE AND ENHANCEMENT:**

The maintenance phase focuses on change that is associated with error correction, adoptions required as the software environment involves, and changes due to enhancement brought about by changing customer requirement.

Four types of changes are encountered during the maintenance phase:

- Correction
- Adaptation
- Enhancement
- Prevention

#### **6.3.1 Correction**

Even with the best quality assurance activities it is likely that the customer will uncover defects in the software. Corrective maintenance changes the software to correct defects.

#### **6.3.2 Adaptation**

Over time, the original environment for which the software was developed is likely to change. Adaptive maintenance results in modification to the software to accommodate change to its external environment.

#### **6.3.3 Enhancement**

As software is used, the customer/user will recognize the additional functions that will provide benefit. Perceptive maintenance extends the software beyond its original function requirement.

#### **6.3.4 Prevention**

Computer software deteriorates due to change, and because of this, preventive maintenance, often called software re-engineering, must be conducted to enable the software to serve the needs of its end users.

## 6.4 TEST CASES

### 6.4.1 Test Case 1

Test case # 1	Test case Name: Venue Booking User Login Page
System: (OVBTP)	Subsystem: Venue Booking User Module
Executed by: Mr. Muhammad Naveed	Execution Date: 5/12/2015
Description: Test the login page for venue booking user	

#### Pre-Conditions

- System contains the venue booking user information.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter Venue Booking User Email	The system displays the venue booking user email in venue booking user email textbox	Pass	Up to Mark
2	Enter venue booking user password	The system displays the venue booking password in venue booking user password textbox	Pass	Up to Mark
3	Click the 'Login' button	The system displays a Login Successful message.	Pass	Up to Mark

#### Post-conditions:

System will store venue booking account information in the database.

#### 6.4.2 Test Case 2

Test case # 2	Test case Name Venue Booking User Registration Page
System: (OVBTP)	Subsystem: Venue Booking User
Executed by: Mr. Babar Rehman	Execution Date: 5/12/2015
Description	Test the Name Venue Booking User Registration page for venue booking user dashboard

#### Pre-Conditions

- System contains the venue booking user information.
- System contains the information of venue booking user registration.

<b>Step</b>	<b>Action</b>	<b>Expected System Response</b>	<b>Pass/Fail</b>	<b>Comment</b>
1	Enter Name	The system displays the Venue Booking User Name in name textbox	Pass	Up to Mark
2	Enter Venue Booker password	The system displays the Venue Booking User password in Venue Booking User password textbox	Pass	Up to Mark
3	Enter Venue Booking User CNIC	The system displays the Venue Booking User CNIC in Venue Booking User CNIC textbox	Pass	Up to Mark
4	Enter Payment Method Details	The system displays the Payment Method Form in payment method popup	Pass	Up to Mark
5	Enter Venue Booking User Email	The system displays Venue Booking User Email in Venue Booking User Email textbox	Pass	Up to Mark
6	Enter Venue Booking User Contact No	The system displays Venue Booking User contact no in Venue Booking User contact no textbox	Pass	Up to Mark

**Post-conditions:**

System will store Venue Booking User Information in the database.

#### 6.4.3 Test Case 3

<b>Step</b>	<b>Action</b>	<b>Expected System Response</b>	<b>Pass/Fail</b>	<b>Comment</b>
1	Update Name	The system displays the Venue Booking User Name in name textbox	Pass	Up to Mark
2	Update Venue Booking User password	The system displays the Venue Booking User password in Venue Booking User password textbox	Pass	Up to Mark
3	Update Venue Booking User Email	The system displays the Venue Booking User email in Venue Booking User email textbox	Pass	Up to Mark
4	Update Venue Booking User Contact No	The system displays the Venue Booking User contact no in Venue Booking User contact no textbox	Pass	Up to Mark

#### 6.4.4 Test Case 4

Test case # 3	Test case Name: Venue Owner User Registration
System: (OVBTP)	Subsystem: User Registration
Executed by: Mr. Muhammad Rashid	Execution Date: 7/12/2015
Description: Test the Venue Owner Registration	

Pre-conditions: The Venue Owner doesn't have any account.

<b>Step</b>	<b>Action</b>	<b>Expected System Response</b>	<b>Pass/Fail</b>	<b>Comment</b>
1	Enter name	The system displays the name in textbox	Pass	Up to Mark
2	Enter Email	The system displays the email in textbox .	Pass	Up to Mark
3	Enter Contact No	The system displays the contact no in textbox	Pass	Up to Mark
4	Enter Password	The system displays the password in textbox	Pass	Up to Mark
5	Agree With Terms Of Services	The system displays the check box for agree with terms of services textbox.	Pass	Up to Mark

Post-conditions: System shows a message “your information has been successfully saved”.

#### 6.4.5 Test Case 5

Test case # 5	Test case Name: Add Venue
System: (OVBTP)	Subsystem: Venue Owner User
Executed by: Mr. Muhammad Rashid	Execution Date: 7/01/2015
Description: Test the sub system of add venue	
Pre-conditions: The user doesn't have an account.	

<b>Step</b>	<b>Action</b>	<b>Expected System Response</b>	<b>Pass/Fail</b>	<b>Comment</b>
1	Enter Venue Name:	The system displays the venue name in name textbox.	Pass	Up to Mark
2	Enter Venue Description	The system displays the description textbox.	Pass	Up to Mark
3	Enter Venue Location	The system displays the venue location textbox with map.	Pass	Up to Mark
4	Enter Venue Location Description.	System displays the venue location description textbox.	Pass	Up to Mark
5	Agree with terms of services	The system displays the checkbox for agree with terms of services.	Pass	Up to Mark
6	Submit Button	System displays the submit button for add venue	Pass	Up to Mark

Post-conditions: System shows a message “your venue has been successfully added”.

## **6.5 USER TRAINING**

In user training a Proper training sessions is held with the user to train him/her. For this purpose live demo will also be run and will be demonstrated with dummy data.

The purpose of this activity is to define the end-user training and documentation strategy and to develop a work plan.

## **6.6 CONCLUSIONS**

This is to conclude that the project that I undertook was worked upon with a sincere effort. Most of the requirements have been fulfilled up to the mark and the requirements which have been remaining, can be completed with a short extension.

The central concept of the application is to allow the venue management virtually using the Internet and allow check/search the venue to reserve the bookings.

The Server process the venue information and the bookings are reserved to the time and date along with facilities information. Basically this application was designed into three modules first Venue Booking User for the user who wish to search the venue and book it.

The end user of this product is a venue booking user where the application is hosted on the web and the administrator maintains the database.

The application which is deployed at the user database, the details of the venue are forward from the database for the venue booking user view based on the selection through the website and the database of all the information is updated at the end of each record.

Data entry into the application can be done through various screens designed levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the requirements.

This system offers information relevant to the user accessing the application thus avoiding unnecessary overloading and at the same time maintaining the security.

# **CHAPTER 7**

## **FUTURE EXTENSION**

## **7.1 WHAT WE HAVE DONE:**

OVBTP (Online Venue Booking & Tour Planner) is developed in a very short time. I have tried to achieve and full fill all the requirements. OVBTP (Online Venue Booking & Tour Planner) is useful system contain features includes an easy-to-use browser-based interface to perform their tasks.

1. Venue Searching
2. Venue Booking

There are many features that OVBTP providing to their users.

3. Advance Booking Features
4. Accounts for all users
5. Security system
6. Users Profiles

## **7.2 EXTENSION WE WANT:**

If we have successful to launch our first version, we will try to extend it more and provide more modules like:

1. Access device cam
2. Follow the ISO Standard
3. Enhance the chatting module
4. Android application of OVBTP
5. Blog of OVBTP

### **7.2.1 Access Device Cam**

Access the device cam for capture the live time venue images. And this feature will increase the user satisfaction and trust on our system OR platform. This feature also help in stop the spammers and it is very helpful in providing the correct and authenticated information.

#### **7.2.2 Follow The ISO Standard**

In future we will follow the International Standard Organization ISO and Certifying our Product to ISO 2008 Standard.

#### **7.2.3 Enhancement In Chatting Module**

In future we will add more advance features in our chatting module via using ajax and it will be totally ajax based system which will be provide the live chat facility.

#### **7.2.4 Android App**

In future we will develop the android app for OVBTP.

#### **7.2.5 Android App**

In future we will develop the Blog for OVBTP where user share their experience and guide each other. Also users will able to share their ideas and share the informative data with each other.

## **CHAPTER 8**

### **USER GUIDE**

## 8.1 HOME PAGE:

Description: when the user open the OVBTP the home page will be display where the user add venue OR find venue options.

The screenshot displays the OVBTP Home Page. At the top, there is a header bar with a phone number (+92 000 00 00), the OVBTP logo, and social media links (Facebook, Twitter, LinkedIn, YouTube). The main content area features a large image of a modern conference room with a long table and chairs, overlaid with a promotional message: "Get the best location for your meeting" and "Save your time and expand your business". A "Read More" button is present. Below this, a section titled "Features" highlights six services with icons: "Easy To Use" (drinking glass), "Event Planner" (calendar), "Venue Location" (location pin), "Hourly Booking" (paint palette), "Easy To Communicate" (speech bubble), and "Best Service" (thumb up). Further down, the "Our Service Ranking" section shows four categories with 100% completion: "Venue Management", "Security", "User Management", and "Support and Maintenance". The "Why People like us?" section includes a "Authenticated Information" sub-section with a diagram showing a lock icon and a "My Data" icon, followed by links to "Venue Complete Information", "New Features", and "Booking Order". At the bottom, there are navigation links for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, FAQ, Contact Us). The footer contains copyright information (© Copyright All Rights Reserved By OVBTP 2015) and a navigation bar with Home, About Us, FAQ, and Contact Us.

Figure 8.1

## 8.2 USER REGISTRATION/SIGN-UP PAGE

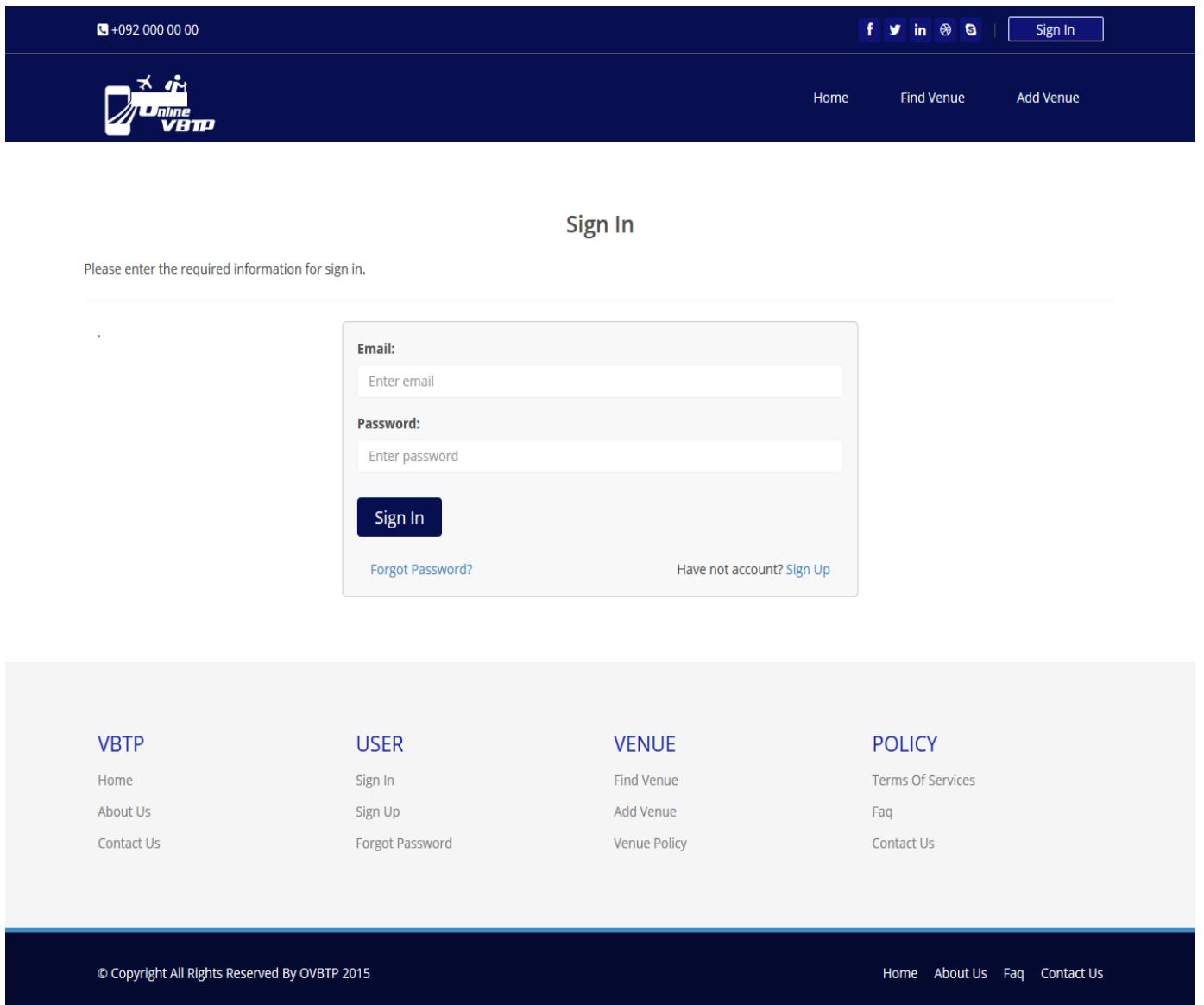
Description: Here the user give the necessary information for registration and then verify their email.

The screenshot shows the OVBTP website's user registration page. At the top, there is a header bar with a phone number (+092 000 00 00), social media icons (Facebook, Twitter, LinkedIn, YouTube, and Google+), and a 'Sign In' button. Below the header is a dark blue navigation bar with the OVBTP logo on the left and links for 'Home', 'Find Venue', and 'Add Venue' on the right. The main content area has a light gray background. It features a large 'Sign UP' button at the top. Below it, a message says 'Please enter the required information for sign up.' A form box contains fields for 'Email' (with placeholder 'Enter email'), 'Select User Type' (radio buttons for 'User - For Book Venues' and 'User - For Add Venues'), and a checkbox for 'I read and agree with [terms of services](#)'. A 'Sign Up' button is at the bottom of the form. At the bottom of the page, there is a footer with four columns: 'VBTP' (links to Home, About Us, Contact Us), 'USER' (links to Sign In, Sign Up, Forgot Password), 'VENUE' (links to Find Venue, Add Venue, Venue Policy), and 'POLICY' (links to Terms Of Services, Faq, Contact Us). The footer also includes copyright information ('© Copyright All Rights Reserved By OVBTP 2015') and a navigation bar with links for Home, About Us, Faq, and Contact Us.

**Figure 8.2**

### 8.3 USER SIGN IN PAGE:

Description: The user enter the email address and password to sign-in in to their dashboard.



The screenshot shows the User Sign In page of the OVBTP website. At the top, there is a dark header bar with a phone number (+092 000 00 00), social media icons (Facebook, Twitter, LinkedIn, YouTube, GitHub), and a "Sign In" button. Below the header is a navigation bar with links for "Home", "Find Venue", and "Add Venue". The main content area has a light gray background and features a "Sign In" heading. Below it, a message says "Please enter the required information for sign in." There are two input fields: one for "Email" (placeholder: Enter email) and one for "Password" (placeholder: Enter password). A large blue "Sign In" button is centered between the fields. Below the button are links for "Forgot Password?" and "Have not account? [Sign Up](#)". At the bottom of the page, there is a footer with a light gray background containing four columns of links: "VBTP" (Home, About Us, Contact Us), "USER" (Sign In, Sign Up, Forgot Password), "VENUE" (Find Venue, Add Venue, Venue Policy), and "POLICY" (Terms Of Services, Faq, Contact Us). The footer also includes copyright information ("© Copyright All Rights Reserved By OVBTP 2015") and a navigation bar with links for "Home", "About Us", "Faq", and "Contact Us".

**Figure 8.3**

## 8.4 VENUE OWNER USER DASHBOARD:

Description: when the venue owner user log in it will able to see its dashboard where settings to be managed.

The screenshot displays the 'Venue Owner User Dashboard' with a dark blue header bar. On the left is a phone icon with '+092 000 00 00'. On the right are social media icons (Facebook, Twitter, LinkedIn, YouTube, GitHub) and a 'Dashboard' button. Below the header is a logo for 'Online VBTP' featuring a smartphone and a person icon. To the right are 'Home', 'Find Venue', and 'Add Venue' buttons. The main content area has a 'Welcome Babar Rehman' message. A note says 'This is your dashboard where settings to be managed.' with a user icon. Below are six colored boxes: red ('Notifications'), green ('Profile Settings'), orange ('Venues Bookings'), blue ('Venues'), purple ('Revenue'), and green ('+ Add'). The footer is light gray with four columns: 'VBTP' (Home, About Us, Contact Us), 'USER' (Sign In, Sign Up, Forgot Password), 'VENUE' (Find Venue, Add Venue, Venue Policy), and 'POLICY' (Terms Of Services, Faq, Contact Us). At the bottom is a dark blue footer bar with copyright information ('© Copyright All Rights Reserved By OVBTP 2015') and links ('Home', 'About Us', 'Faq', 'Contact Us').

Figure 8.4

## 8.5 ADD VENUE:

Description: when the venue owner click on the add venue tab the form is open. The user fill it and add the venue for bookings.

The screenshot shows the 'Add New Venue' page of the OVBTP website. At the top, there is a header with a phone number (+092 000 00 00), social media links (Facebook, Twitter, LinkedIn, etc.), and navigation links (Dashboard, Home, Find Venue, Add Venue). The 'Add Venue' link is highlighted in blue. Below the header is a logo for 'OVBTP' featuring a stylized person icon. The main content area has a title 'Add New Venue' and a note: 'Please enter all required information for add the venues'. It includes a link 'How I make my venue attractive and get more booking?'. On the left, a sidebar menu lists: Dashboard, Venues, Revenue, Add Venue (which is selected and highlighted in green), and Payment. The main form is titled 'Venue Details' and contains fields for 'Venue Name' (with placeholder 'Enter venue name') and 'Venue Description' (with placeholder 'Enter venue details and description'). Below this is a section titled 'Venue Address & Location' with a Google Map of Sydney showing various landmarks like Five Dock, Burwood, Ashfield, Leichhardt, Newtown, Ultimo, Surry Hills, and Bondi Beach. A text input field 'Complete Address' is overlaid on the map. Below the map is a text area for 'Describe venue location in detail:' with placeholder 'Enter details about venue location.' At the bottom of the form is a checkbox 'I read and agree with Terms of services.' followed by a large blue button 'Add My Venue'.

**VENUE DETAILS**

Venue Name:

Venue Description:

**Venue Address & Location**

Please enter the full address with the help of Google search box. [?](#)

Map Satellite Complete Address

Map data ©2015 Google | Terms of Use | Report a map error

Describe venue location in detail:  
Enter details about venue location.

I read and agree with [Terms of services.](#)

**Add My Venue**

**VBTP**

[Home](#) [About Us](#) [Contact Us](#)

**USER**

[Sign In](#) [Sign Up](#) [Forgot Password](#)

**VENUE**

[Find Venue](#) [Add Venue](#) [Venue Policy](#)

**POLICY**

[Terms Of Services](#) [Faq](#) [Contact Us](#)

© Copyright All Rights Reserved By OVBTP 2015

Home About Us Faq Contact Us

Figure 8.5

## 8.6 MANAGE VENUES AND EVENTS BY VENUE OWNER

Description: When venue owner user click the venues tab it will see its added venue and their events it will able to manage(edit/delete/block) the venue and also able to manage(add/edit/delete) its events.

The screenshot shows a web application interface for managing venues and events. At the top, there is a header bar with a phone icon and the number '+092 000 00 00'. On the right side of the header are social media icons for Facebook, Twitter, LinkedIn, and Google+, followed by a 'Dashboard' button. Below the header, there is a dark sidebar on the left with the 'Online VBTP' logo at the top. The sidebar contains links: 'Dashboard' (selected), 'Venues' (highlighted in green), '\$ Revenue', '+ Add Venue', and '\$ Payment'. The main content area has a white background. A modal window titled 'Venue' is open, showing a list of venues. The first item in the list is 'Decent Lodge'. Below this, there is a table row with 'Event Name - Event Type' 'Marriage Hall - Marriage Halls' and 'Delete - Edit' buttons. At the bottom of the modal, there is a link 'Add New Event | +'. In the background, a larger card displays details for 'Decent L..': 'Decent L..', 'Venue # 7', 'on 2015-12-01', and 'Active'. There are also three small circular icons at the bottom right of this card.

The screenshot shows the footer of the VBTP Online website. It is divided into four sections: 'VBTP', 'USER', 'VENUE', and 'POLICY'. The 'VBTP' section contains links: 'Home', 'About Us', and 'Contact Us'. The 'USER' section contains links: 'Sign In', 'Sign Up', and 'Forgot Password'. The 'VENUE' section contains links: 'Find Venue', 'Add Venue', and 'Venue Policy'. The 'POLICY' section contains links: 'Terms Of Services', 'Faq', and 'Contact Us'. At the very bottom of the page, there is a dark footer bar with the copyright notice '© Copyright All Rights Reserved By OVBTP 2015' on the left and links 'Home', 'About Us', 'Faq', and 'Contact Us' on the right.

**Figure 8.6**

## 8.7 VENUE BOOKINGS

Description: The venue owner user will see their venue bookings and also it will be able to manage it.

The screenshot shows the VBTP website's booking management interface. At the top, there is a header bar with a phone number (+92 000 00 00), social media links (Facebook, Twitter, LinkedIn, YouTube), and navigation links (Dashboard, Home, Find Venue, Add Venue). The main content area is titled "Bookings". A message通知 Babar Rehman your bookings are following: is displayed. On the left, a sidebar menu includes Dashboard, Venues, Revenue, Add Venue, and Payment. The main area displays a list of bookings for a venue owner:

User	Event	Venue	Date	Status
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-16	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-16	Paid
Decent Lod...	Decent Lod...	Marriage Hall	on 2015-12-15	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-05	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-01	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-01	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-01	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-01	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-11-01	Paid
Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-01	Paid
Test Venue	Test Location	Venue # 20	on 2015-10-10	Active
Test Venue	Test Location	Venue # 20	on 2015-10-10	Closed
Test Venue	Test Location	Venue # 20	on 2015-10-10	Closed

At the bottom of the page, there is a footer with links for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, Faq, Contact Us). The footer also includes copyright information (© Copyright All Rights Reserved By OVBTP 2015) and navigation links (Home, About Us, Faq, Contact Us).

Figure 8.7

## 8.8 VENUE OWNER REVENUE

Description: when the venue owner click the revenue tab it will see its revenue against its venue bookings.

The screenshot shows the VBTP website interface. At the top, there is a dark header bar with a phone icon and the number '+092 000 00 00'. To the right are social media icons for Facebook, Twitter, LinkedIn, and Google+, followed by a 'Dashboard' button. Below the header is a dark blue navigation bar featuring the VBTP logo (a smartphone with a person icon) and links for 'Home', 'Find Venue', and 'Add Venue'. On the left, a vertical sidebar menu includes 'Dashboard' (selected), 'Venues', '\$ Revenue' (selected), '+ Add Venue', and '\$ Payment'. The main content area is titled 'Revenue' and displays a message: 'Babar Rehman your revenue generated from your venue bookings are following :'. Below this is a table showing two entries:

Sr.	Total Amount	Total Amount IN USD	Booking	Receiving Date
1	2250PKR/-	21.375\$	<a href="#">View Booking</a>	2015-12-16
2	3150PKR/-	29.925\$	<a href="#">View Booking</a>	2015-12-17

At the bottom of the page, there is a footer section with four columns: 'VBTP', 'USER', 'VENUE', and 'POLICY'. Each column lists links such as Home, About Us, Contact Us, Sign In, Sign Up, Forgot Password, Find Venue, Add Venue, Venue Policy, Terms Of Services, Faq, and Contact Us. The footer also contains a copyright notice: '© Copyright All Rights Reserved By OVBTP 2015' and a navigation bar with links for Home, About Us, Faq, and Contact Us.

Figure 8.8

## 8.9 VENUE OWNER USER NOTIFICATIONS

Description: when the venue owner clicks the notifications tab it see their message and notifications.

The screenshot shows the VBTP website interface. At the top, there is a dark header bar with a phone icon and number (+092 000 00 00), social media links (Facebook, Twitter, LinkedIn, YouTube, etc.), and navigation links for 'Dashboard', 'Home', 'Find Venue', and 'Add Venue'. Below the header is the VBTP logo. The main content area has a title 'Message/Notifications'. A message box displays a notification from 'Babar Re..': 'Test' on 2015-12-17, with a 'Message' link. To the left of the message box is a sidebar with links: 'Dashboard', 'Venues', 'Revenue', 'Add Venue', and 'Payment'. At the bottom of the page is a footer with sections for 'VBTP', 'USER', 'VENUE', and 'POLICY', each listing links like 'Home', 'About Us', 'Contact Us', 'Sign In', 'Sign Up', 'Forgot Password', 'Find Venue', 'Add Venue', 'Venue Policy', 'Terms Of Services', 'Faq', and 'Contact Us'. The footer also includes copyright information ('© Copyright All Rights Reserved By OVBTP 2015') and a navigation bar with links for 'Home', 'About Us', 'Faq', and 'Contact Us'.

**Figure 8.9**

## 8.10 VENUE OWNER PROFILE SETTINGS

Description: When venue owner user click the settings tab it will able to manage its account/profile settings.

The screenshot shows the VBTP website's profile settings page. At the top, there is a header bar with a phone icon and the number '+092 000 00 00', social media icons (Facebook, Twitter, LinkedIn, YouTube, and a magnifying glass), and a 'Dashboard' button. Below the header is a dark blue navigation bar featuring the VBTP logo (a stylized 'B' and 'V' with a person icon) and links for 'Home', 'Find Venue', and 'Add Venue'. On the left, a sidebar menu includes 'Dashboard' (selected), 'Venues', 'Revenue', 'Add Venue', and 'Payment'. The main content area is titled 'Profile Settings' and contains a message: 'Babar Rehman your profile/account settings are following:'. It includes fields for 'First Name' (Babar), 'Last Name' (Rehman), 'Email' (marriagehallst@gmail.com), 'Contact No' (03123242142), 'Password' (\*\*\*\*\*), and 'Re-Type Password'. A 'Save Changes' button is at the bottom. At the bottom of the page is a footer with sections for 'VBTP', 'USER', 'VENUE', and 'POLICY', each listing links like 'Home', 'Sign In', 'Find Venue', etc. The footer also includes a copyright notice ('© Copyright All Rights Reserved By OVBTP 2015') and a navigation bar with 'Home', 'About Us', 'Faq', and 'Contact Us'.

Figure 8.10

## 8.11 VENUE BOOKING USER DASHBOARD

**Description:** when venue booking user sign in it see the dashboard where settings to be managed.

The screenshot shows the user dashboard for 'Online VBTP'. At the top, there's a header bar with a phone number (+92 000 00 00), social media icons (Facebook, Twitter, LinkedIn, YouTube, and a blue square), and a 'Dashboard' button. Below the header is a dark blue navigation bar with the 'Online VBTP' logo on the left and links for 'Home', 'Find Venue', and 'Add Venue' on the right. The main content area starts with a welcome message 'Welcome Babar Rehman' and a note: 'This is your dashboard where settings to manage.' There are three main cards: 'Notifications' (red background, 'Manage your notification and messages.'), 'Profile Settings' (green background, 'Manage your account/profile settings.'), and 'Bookings' (orange background, 'Manage your bookings.'). Below these cards is a footer section with four columns: 'VBTP' (links to Home, About Us, Contact Us), 'USER' (links to Sign In, Sign Up, Forgot Password), 'VENUE' (links to Find Venue, Add Venue, Venue Policy), and 'POLICY' (links to Terms Of Services, Faq, Contact Us). The footer also includes copyright information ('© Copyright All Rights Reserved By OVBTP 2015') and a navigation bar with links to Home, About Us, Faq, and Contact Us.

VBTP	USER	VENUE	POLICY
Home	Sign In	Find Venue	Terms Of Services
About Us	Sign Up	Add Venue	Faq
Contact Us	Forgot Password	Venue Policy	Contact Us

Figure 8.11

## 8.12 VENUE BOOKING USER BOOKINGS

**Description:** when venue booking user click the bookings tab it see its booking and it also able to manage its bookings.

The screenshot shows the 'Bookings' section of the Online VBTP website. On the left, there is a sidebar with links: Dashboard (blue), Notification (grey), Settings (grey), and Bookings (green, highlighted). The main area displays a list of bookings in a grid format. Each booking card includes a thumbnail, the name of the venue, the location, the date, and a status (Paid or Active/Closed). There are also star and cross icons next to each card.

Thumbnail	Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-16	Paid
Thumbnail	Decent Lod...	Decent Lod...	Wedding Lodge	on 2015-12-16	Paid
Thumbnail	Decent Lod...	Decent Lod...	Marriage Hall	on 2015-12-15	Paid
Thumbnail	Test Venue	Test Location	Venue # 20	on 2015-10-10	Active
Thumbnail	Test Venue	Test Location	Venue # 20	on 2015-10-10	Closed
Thumbnail	Test Venue	Test Location	Venue # 20	on 2015-10-10	Closed

**VBTP**

- Home
- About Us
- Contact Us

**USER**

- Sign In
- Sign Up
- Forgot Password

**VENUE**

- Find Venue
- Add Venue
- Venue Policy

**POLICY**

- Terms Of Services
- Faq
- Contact Us

© Copyright All Rights Reserved By OVBTP 2015

Home About Us Faq Contact Us

Figure 8.12

## 8.13 VENUE BOOKING USER NOTIFICATIONS

**Description:** when venue booking user click the notifications tab it see its message and notifications.

The screenshot shows the VBTPO Online VBTP website. At the top, there is a header bar with a phone icon and '+092 000 00 00' on the left, and social media icons (Facebook, Twitter, LinkedIn, YouTube, etc.) and a 'Dashboard' button on the right. Below the header is a dark blue navigation bar with the 'Online VBTP' logo on the left and 'Home', 'Find Venue', and 'Add Venue' links on the right. The main content area has a title 'Message/Notifications'. A message from 'Babar Rehman' is displayed, stating: 'Babar Rehman your notifications and messages are following:' followed by a list item 'Test' with a timestamp 'on 2015-12-17' and a 'Message' link. To the left of the main content is a sidebar with a blue background containing links: 'Dashboard', 'Venues', 'Revenue', 'Add Venue', and 'Payment'. At the bottom of the page is a footer with sections for 'VBTPO', 'USER', 'VENUE', and 'POLICY', each listing links like 'Home', 'Sign In', 'Find Venue', etc. The footer also includes a copyright notice '© Copyright All Rights Reserved By OVBTP 2015' and a navigation bar with 'Home', 'About Us', 'Faq', and 'Contact Us'.

Figure 8.13

## 8.14 VENUE BOOKING USER PROFILE SETTINGS

**Description:** when venue booking user click the settings tab it will become able to able to manage its profile/account settings.

The screenshot shows the OVBTP website interface. At the top, there is a dark header bar with a phone icon and the number '+092 000 00 00'. To the right are social media icons for Facebook, Twitter, LinkedIn, YouTube, and GitHub, followed by a 'Dashboard' button. Below the header is a dark blue navigation bar featuring the OVBTP logo (a smartphone with a person icon) and links for 'Home', 'Find Venue', and 'Add Venue'.

The main content area is titled 'Profile Settings'. It displays a message: 'Babar Rehman your profile/account settings are following:' followed by a list of input fields for personal information: First Name (Babar), Last Name (Rehman), Email (marriagehallst@gmail.com), Contact No (03123242142), Password (\*\*\*\*\*), and Re-Type Password. A 'Save Changes' button is at the bottom of this section.

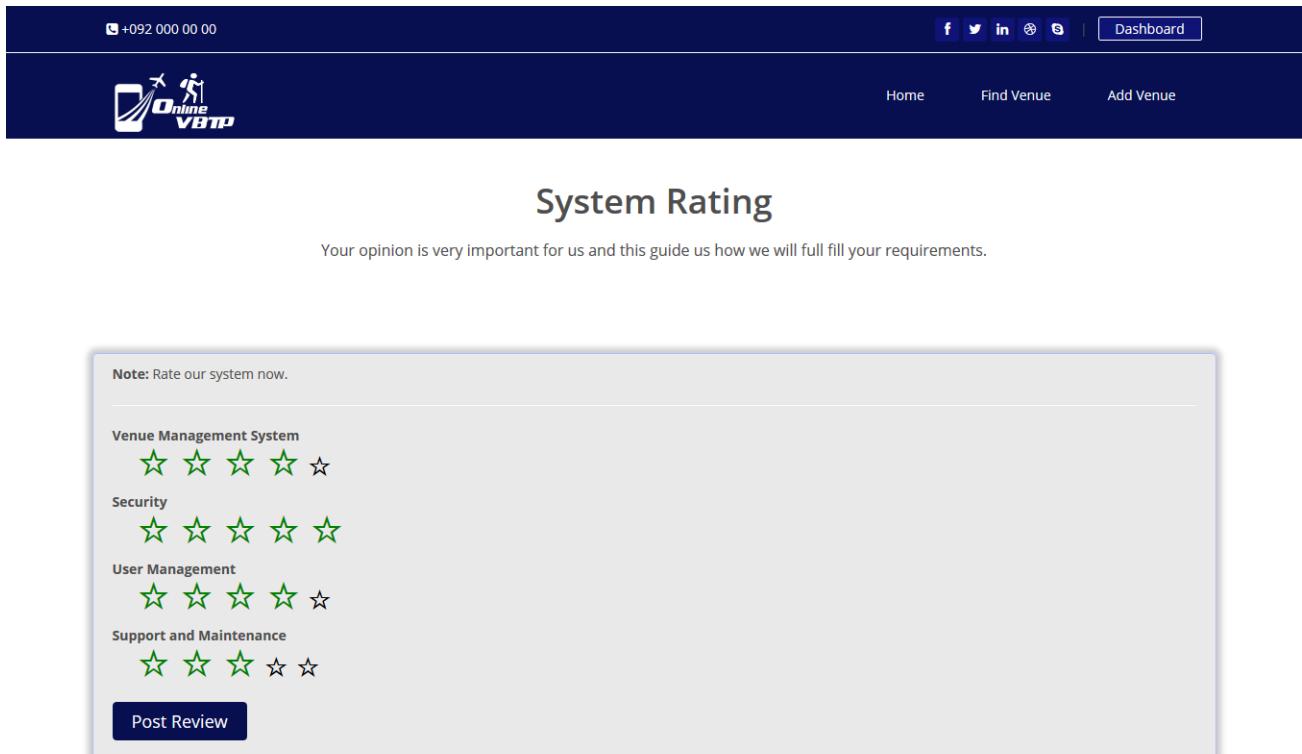
On the left side, there is a vertical sidebar menu with the following options: Dashboard (selected), Venues, Revenue, Add Venue, and Payment.

At the bottom of the page is a footer navigation bar with sections for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, Faq, Contact Us). The footer also includes a copyright notice: '© Copyright All Rights Reserved By OVBTP 2015' and a link to the footer navigation bar.

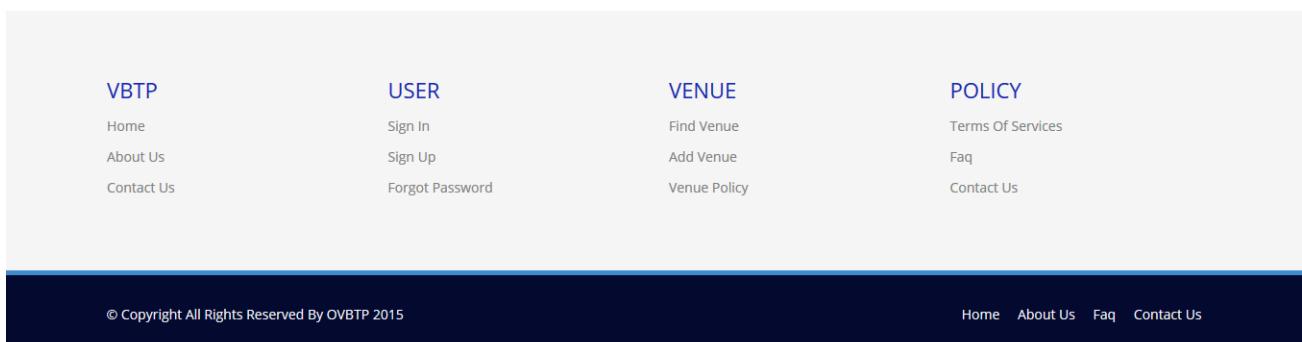
Figure 8.14

## 8.15 SYSTEM RATING

**Description:** when user click the rating icon it will able to rate our platform.



The screenshot shows the 'System Rating' page of the OVBTP platform. At the top, there's a dark header bar with a phone number (+92 000 00 00), social media icons (Facebook, Twitter, LinkedIn, YouTube, GitHub), and a 'Dashboard' button. Below the header is the OVBTP logo. The main content area has a light gray background. It starts with a note: 'Note: Rate our system now.' followed by a 5-star rating for 'Venue Management System'. Below that are ratings for 'Security', 'User Management', and 'Support and Maintenance', each with a 5-star rating. At the bottom is a blue 'Post Review' button.



The footer navigation menu is divided into four sections: 'VBTP' (Home, About Us, Contact Us), 'USER' (Sign In, Sign Up, Forgot Password), 'VENUE' (Find Venue, Add Venue, Venue Policy), and 'POLICY' (Terms Of Services, Faq, Contact Us). At the very bottom, a dark footer bar contains the copyright notice '© Copyright All Rights Reserved By OVBTP 2015' and a row of links: Home, About Us, Faq, and Contact Us.

Figure 8.15

## 8.16 CUSTOMER SUPPORT

**Description:** when user click the support icon it will able to contact the customer support team.

The screenshot displays the OVBTP website interface. At the top, there is a header bar with a phone number (+092 000 00 00), social media icons (Facebook, Twitter, LinkedIn, YouTube, and a magnifying glass), and a 'Dashboard' button. Below the header is a dark blue navigation bar featuring the OVBTP logo (a stylized 'D' and 'B' with a person icon) and links for 'Home', 'Find Venue', and 'Add Venue'. The main content area is titled 'Customer Support Center' and includes three green buttons: 'Perfect Solution', 'Best Service', and 'Best Communication'. A green message box says 'We love to hear from you.' with a close button ('X'). Below this, a message states 'We are here for your help if you face any problem OR you want to discuss any thing with us please message us.' Underneath, there is a form titled 'Send Message' with fields for 'Subject \*' and 'Message \*', both marked with asterisks indicating they are required. A 'Submit Message' button is at the bottom of the form. At the bottom of the page is a footer navigation bar with sections for 'VBTP', 'USER', 'VENUE', and 'POLICY', each listing various links. The footer also includes a copyright notice ('© Copyright All Rights Reserved By OVBTP 2015'), a navigation bar with 'Home', 'About Us', 'Faq', and 'Contact Us', and a page number '91'.

Figure 8.16

## 8.17 SEACRCH VENUES

**Description:** when user click the find venue it search the venue very easily.

The screenshot shows the OVBTP website interface. At the top, there is a dark header bar with a phone icon and number (+092 000 00 00), social media links (Facebook, Twitter, LinkedIn, YouTube, etc.), and navigation buttons for 'Dashboard', 'Home', 'Find Venue' (which is highlighted in blue), and 'Add Venue'. Below the header is the OVBTP logo, which includes a stylized 'D' and 'V' icon followed by the text 'Online VBTP'.

The main content area has a heading 'Find your best' above a search bar with fields for 'Location' and 'Select Event', and a 'Search Venue' button. Below the search bar are eight venue cards arranged in two rows of four. Each card includes a thumbnail image, the venue name, address, guest capacity, and a price button.

VENUE	ADDRESS	GUESTS	PRICE
Decent Lodge - Marriage Hall	Decent Lodge, Rawalp.....   200 Guests	200/- PKR	
Park View - Pearl Sweet Room	Mall Road, Murree, P.....   4 Guests	1000/- PKR	
Royalson Hotel - Crystel Hall	Royalson Hotel, GT R.....   500 Guests	20/- PKR	
Ai Hameed S..... - Hall B 1.....	Saidpur Road, Rawalp.....   500 Guests	20/- PKR	
Pearl Conti..... - Banquets.....	mall Road, Rawalpind.....   500 Guests	20/- PKR	
Prince Hotel - Rooms	6th Road, Rawalpindi.....   2 Guests	20/- PKR	
Decent Lodge - Wedding Lodge	Decent Lodge, Rawalp.....   20 Guests	500/- PKR	

At the bottom of the page, there is a footer navigation bar with sections for 'VBTP', 'USER', 'VENUE', and 'POLICY', each containing links to 'Home', 'About Us', 'Contact Us', 'Sign In', 'Sign Up', 'Forgot Password', 'Find Venue', 'Add Venue', 'Venue Policy', 'Terms Of Services', 'FAQ', and 'Contact Us'. The footer also includes copyright information ('© Copyright All Rights Reserved By OVBTP 2015') and a link to the 'Home' page.

Figure 8.17

## 8.18 VENUE INFORMATION & DESCRIPTION

**Description:** when user click the venue it see the venue information and description.

The screenshot displays the venue information for 'Decent Lodge'. At the top, there's a header with a phone number (+92 000 00 00), social media links, and navigation options like 'Home', 'Find Venue', and 'Add Venue'. Below the header, the venue name 'Decent Lodge' is shown with a large image of a well-decorated event hall. To the left of the main image is a vertical sidebar with five thumbnail images and a video player. To the right is a sidebar with event details: Event Name (Wedding Lodge), Event Type (Marriage Halls), Rate Per Hour (500 PKR/-), Rate Per Day (5000 PKR/-), Guest Capacity (20 Guests), and Status (Active). A button 'Click Here To Check Venue Availability' is located below the main image. Below the main section, there are two smaller sections for 'Decent Lodge' and 'Wedding Lodge', each with their own descriptions, rates, guest capacity, and facility icons. Further down, there's a 'Venue Location' section with a map showing the venue's position in Satellite Town, Rawalpindi. The map includes labels for various landmarks like Al Siddique Banquet Hall, Sidiq Public School, Government Polytechnic College for Women, Royal Castle, and Punjab College of Commerce. Below the map, there's a 'Location Description' section with a brief summary and a map pin. At the bottom, there are buttons for 'Contact User', 'Send Custom Offer', and 'Visiting Plan'. A 'Reviews' section shows a single review from Babar Rehman dated 2015-12-17, giving it a 5-star rating. The review text is 'Best Venue.....!'

The footer of the website contains several navigation menus: 'VBTP' (Home, About Us, Contact Us), 'USER' (Sign In, Sign Up, Forgot Password), 'VENUE' (Find Venue, Add Venue, Venue Policy), and 'POLICY' (Terms Of Services, Faq, Contact Us). At the very bottom, a dark footer bar includes the copyright notice '© Copyright All Rights Reserved By OVBTP 2015' and links to 'Home', 'About Us', 'Faq', and 'Contact Us'.

Figure 8.18

## 8.19 VENUE BOOKING

**Description:** User click the venue availability, select time and date and confirm the booking via pay its bill.

The screenshot illustrates the venue booking interface for 'Decent Lodge' on the VBTP website. At the top, there's a header bar with a phone number (+92 000 00 00), social media icons (Facebook, Twitter, LinkedIn, etc.), and navigation links (Home, Find Venue, Add Venue, Dashboard). Below the header is a banner featuring a video player and several thumbnail images of the venue's interior.

The main content area is titled 'Decent Lodge'. It displays a large photograph of a well-decorated event hall with tables set for a wedding or similar occasion. To the right of the photo is a sidebar with venue details:

- Event Name: Wedding Lodge
- Event Type: Marriage Halls
- Rate Per Hour: 500 PKR/-
- Rate Per Day: 5000 PKR/-
- Guest Capacity: 20 Guests
- Status: Active

Below the sidebar is a 'Venue Availability' section containing two grids. The left grid shows a calendar for December 2015 with the 22nd highlighted. The right grid shows a 24-hour time selector from 00:00 to 23:00, with various time slots color-coded (pink, yellow, green) to indicate availability.

The central part of the page contains 'Booking Details' and 'Facilities' sections. The 'Booking Details' table shows a booking for December 22 at 8:00 AM and 11:00 AM, both costing 500 PKR/-, with a total amount of 1000 PKR/-.

The 'Facilities' section lists AC, Farm, and Parking Area as available. A map of the venue's location in Rawalpindi is provided, showing its proximity to various landmarks like Kaliani Market, Al-Sabiqah Barbershop, and Sideeq Public School.

At the bottom, there's a 'Location Description' section with a note about the venue being located in 6th road satellite town Rawalpindi. Below this are buttons for 'Contact User', 'Send Custom Offer', and 'Visiting Plan'. A reviews section follows, showing a 5-star rating for Babar Rehman.

The footer of the page includes links for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, FAQ, Contact Us). The footer also contains copyright information: © Copyright All Rights Reserved By CVBTP 2015.

Figure 8.19

## 8.20 ADMIN DASHBOARD

**Description:** when admin sign in the dashboard will be shown where settings to be managed.

Figure 8.20

## 8.21 MANAGE USERS BY ADMIN

**Description:** when admin click the view users tab it will manage(block/allow) the users accounts.

The screenshot shows the 'Profile Settings' page of the OVBTP website. At the top, there is a dark header bar with social media icons (Facebook, Twitter, LinkedIn, YouTube, and a magnifying glass icon) and a 'Dashboard' button. Below the header is a logo for 'Online VBTP' featuring a smartphone and a person running. The main content area has a title 'Profile Settings' and a sub-section 'Admin User All Bookers Are :'. On the left, a sidebar menu includes 'Dashboard', 'Venues', 'All Chat', 'All Users' (which is highlighted in green), 'Add Admin', and 'Settings'. The central part of the page displays a table of user profiles:

First Name	Last Name	Email	View Profile	Status
Babar	Rehman	babar3rehman@gmail.com	<a href="#">View User</a>	Block
adeel	nazir	adeelnazir2012@gmail.com	<a href="#">View User</a>	Block
Muhammad	Zaeem	mzaeem283@gmail.com	<a href="#">View User</a>	Block

At the bottom of the page, there is a footer section with links for 'VBTP', 'USER', 'VENUE', and 'POLICY'. The 'VBTP' section includes 'Home', 'About Us', and 'Contact Us'. The 'USER' section includes 'Sign In', 'Sign Up', and 'Forgot Password'. The 'VENUE' section includes 'Find Venue', 'Add Venue', and 'Venue Policy'. The 'POLICY' section includes 'Terms Of Services', 'Faq', and 'Contact Us'. The footer also contains a copyright notice '© Copyright All Rights Reserved By OVBTP 2015' and a navigation bar with 'Home', 'About Us', 'Faq', and 'Contact Us'.

Figure 8.21

## 8.22 MANAGE BOOKINGS BY ADMIN

**Description:** when admin click the view bookings tab it will manage the venue bookings.

The screenshot shows the OVBTP Admin Dashboard. At the top, there is a header bar with a phone icon and the number '+092 000 00 00'. To the right are social media icons for Facebook, Twitter, LinkedIn, YouTube, and a magnifying glass, followed by a 'Dashboard' button. Below the header is a dark blue navigation bar with the 'Online VBTP' logo on the left and links for 'Home', 'Find Venue', and 'Add Venue' on the right. The main content area is titled 'Paid Bookings' and contains a table of booking details. On the far left, a sidebar menu lists 'Dashboard', 'Venues', 'All Chat', 'All Users', 'Add Admin', and 'Settings'. The 'Dashboard' item is currently selected and highlighted in blue. The table has columns for 'Booking Id', 'Venue Name', 'Event', and 'View Details'. The data in the table is as follows:

Booking Id	Venue Name	Event	View Details
OVBTP-5025fb98ac257a2d4f227c54ec20cdAA	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-9bbb24327d170533e3c4e0891a781b4b	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-d66fd488b48c46bcfcdf2049967c4936	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-f9ffec8a5fce2eccb6492a1849e295e	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-52b94ac97df56cc470ce1dd78748d350	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-b02fb09ed3b4c503584223e66af60910	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-5158fe0ac4fd9b51b52ce8623b21083c	Decent Lodge	Marriage Hall	<a href="#">View Details</a>
OVBTP-11e3b45f6dfba6a5db81c809a19ce7e8	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-bcdb1c6eb5ef8623d5718c5f4cfcd6b6	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>
OVBTP-960b52c78d493b6bdf9ca0df3f6c19b6	Decent Lodge	Wedding Lodge	<a href="#">View Details</a>

Below the main content area is a footer section with four columns: 'VBTP', 'USER', 'VENUE', and 'POLICY'. Each column contains links to various pages. At the very bottom, there is a copyright notice and a footer menu.

© Copyright All Rights Reserved By OVBTP 2015

Home   About Us   Faq   Contact Us

Figure 8.22

## 8.23 MANAGE CHATTINGS BY ADMIN

**Description:** when admin click the view chats tab it will manage the users converstions/chattings.

The screenshot shows the 'All Conversations' page. On the left, there's a sidebar with navigation links: Dashboard, Venues, All Chat (which is highlighted in green), All Users, Add Admin, and Settings. The main area displays a table of conversations. The columns are: From, To, Subject, Message, Dated, Block/Unblock, and Delete. The data in the table is as follows:

From	To	Subject	Message	Dated	Block/Unblock	Delete	
Babar Rehman	Admin User	OK	How are you.....	2015-12-01	Active	Delete	
Babar Rehman	adeel nazir	Hi	Thanks bro!	2015-12-05	Deleted	Delete	
Babar Rehman	Babar Rehman	Visiting R.....	I want to visit yo.....	2015-12-06	Deleted	Delete	
Babar Rehman	Babar Rehman	Visiting R.....	<b>Note:.....</b>	2015-12-06	Deleted	Delete	
Babar Rehman	Babar Rehman	OK	I like if you visi.....	2015-12-06	Deleted	Delete	
Babar Rehman	Babar Rehman	Test	Message.....	2015-12-17	Active	Delete	
Babar Rehman	Babar Rehman	Visiting R.....	test booking.....	venue	2015-12-16	Deleted	Delete
Babar Rehman	Babar Rehman	Visiting R.....	<b>Note:.....</b>		2015-12-16	Deleted	Delete
Babar Rehman	Babar Rehman	Visiting R.....	test venue descrip.....		2015-12-16	Deleted	Delete
Babar Rehman	Babar Rehman	Visiting R.....					

- **BOOTSTRAP**

<http://www.bootstrap.com>

- **JQUERY**

<http://www.jquery.com>

- **HTML & CSS**

<http://www.w3schools.com>

[www.google.com](http://www.google.com)

[www.microsoft.com](http://www.microsoft.com)

## **8.29 BIBLIOGRAPHY**

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McGraw Hill Publishing Company Limited, 2009
- Ron Patton, Software Testing 2<sup>nd</sup> Edition, National Book Foundation

## 8.30 APPENDIX “A”

### 8.30.1 Data Flow Diagram

#### CONTEXT LEVEL DIGRAM



Figure 8.30.1

### 8.30.2 DFD Level 0

#### LEVEL 0 DIAGRAM

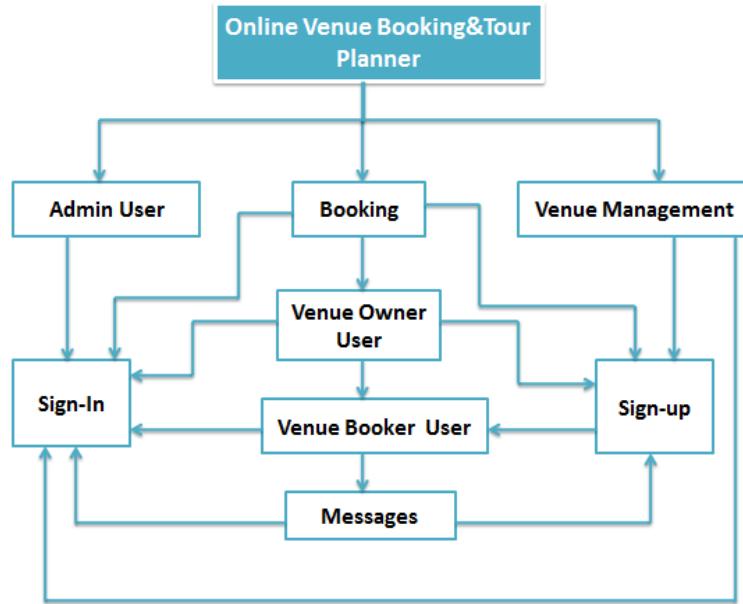


Figure 8.30.2

### 8.30.3 DFD LEVEL 1

#### LEVEL 1 DIAGRAM

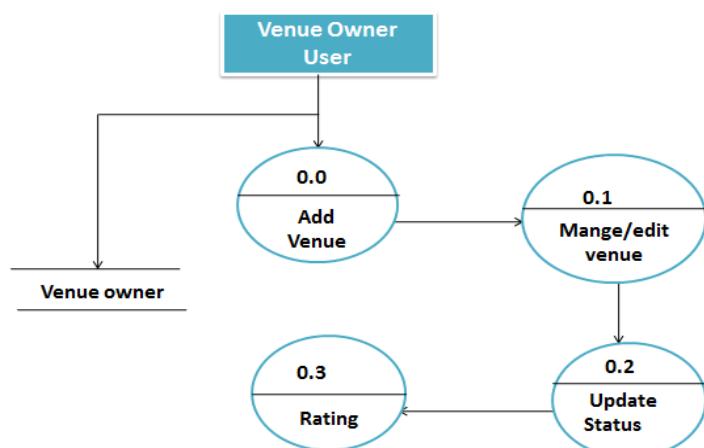


Figure 8.30.3

#### 8.30.4 DFD LEVEL 2

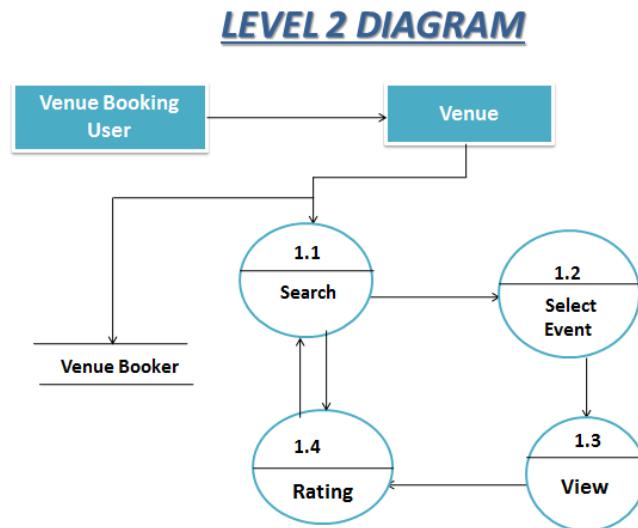


Figure 8.30.4

#### 8.30.5 DFD LEVEL 3

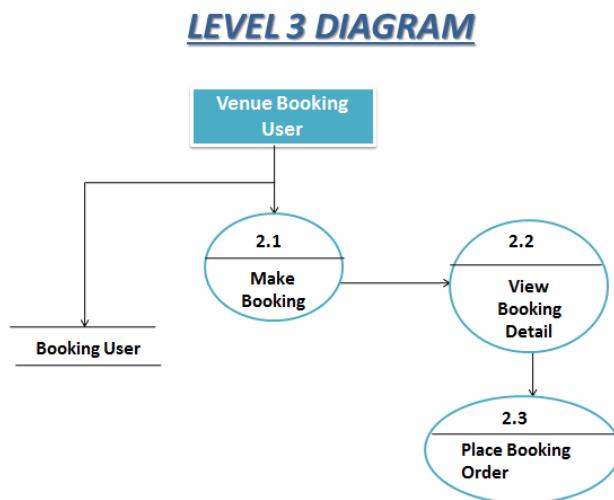


Figure 8.30.5

#### 8.30.6 DFD LEVEL 3

### LEVEL 4 DIAGRAM

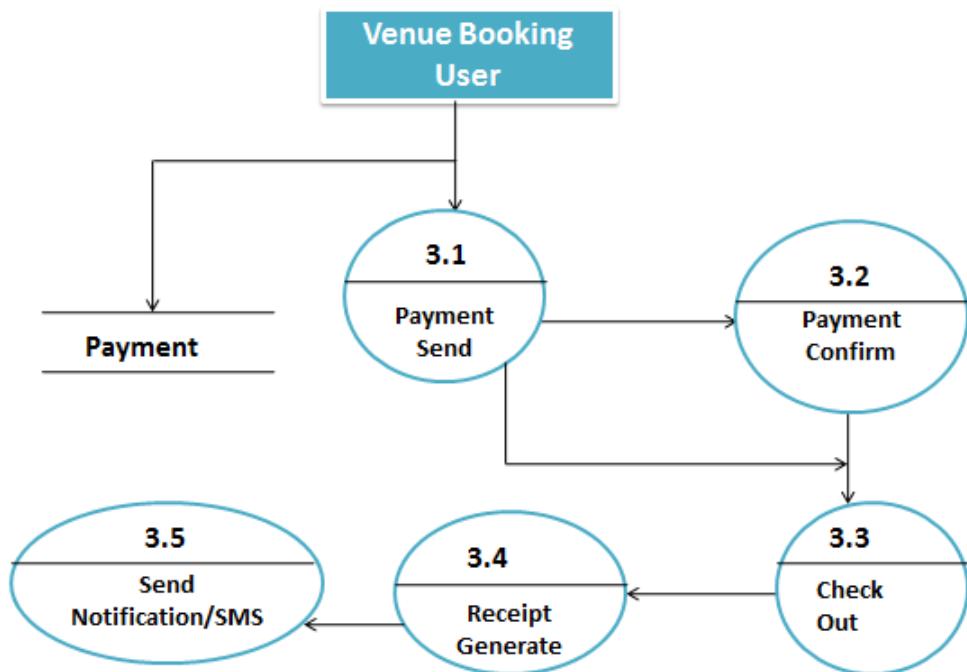
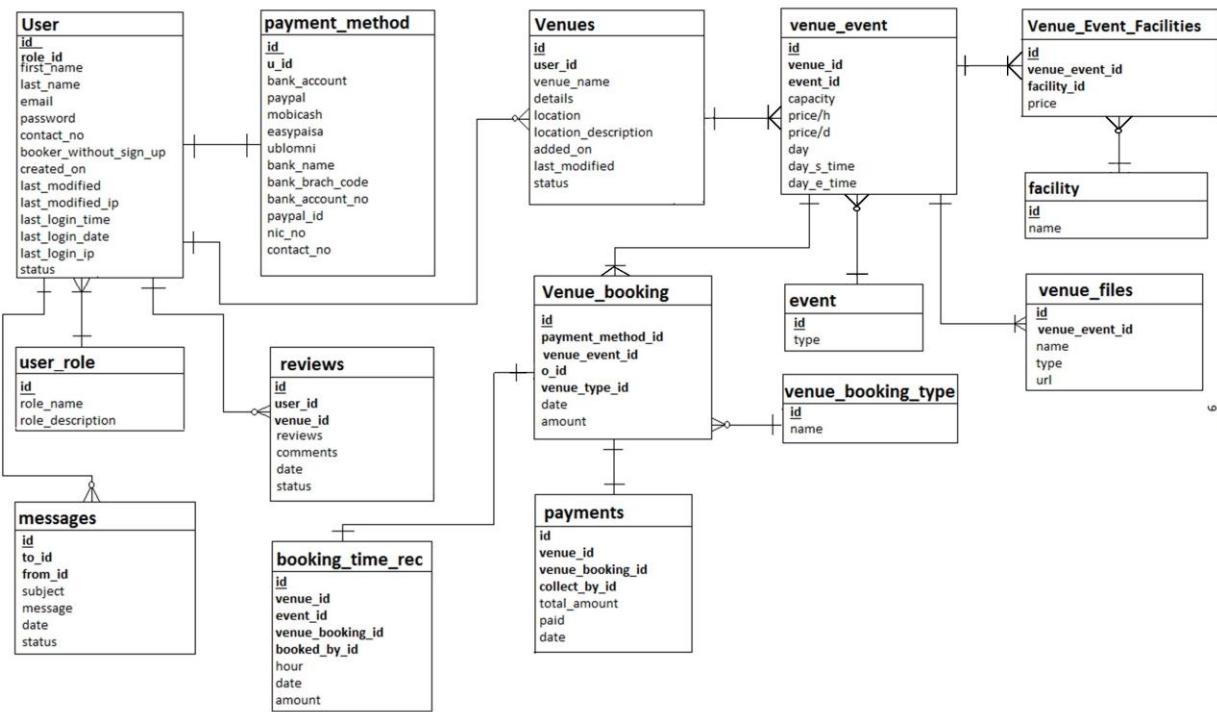


Figure 8.30.6

## 8.31 APPENDIX “B”

### 8.31.1 ENTITY RELATIONSHIP DIAGRAM (ERD)



Entity Relation Diagram (ERD)

Figure 8.31.1

## 8.32 TEST CASES

### 8.32.1 White Box Testing of Sign-In Form

When user enter the incorrect username/email OR password it show the alert.

The screenshot shows the VBTP Online website's sign-in page. At the top, there is a header with a phone number (+92 000 00 00), social media links (Facebook, Twitter, LinkedIn, YouTube, and others), and a "Sign In" button. Below the header is the VBTP logo. The main content area has a "Sign In" heading and a sub-instruction "Please enter the required information for sign in.". A yellow callout box displays the error message "Note: Incorrect email OR password." with a close button ("X"). The sign-in form contains fields for "Email:" (placeholder "Enter email") and "Password:" (placeholder "Enter password"), both of which are currently empty. Below the form is a "Sign In" button. At the bottom of the form, there are links for "Forgot Password?" and "Have not account? [Sign Up](#)".

The footer of the website includes navigation links for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, Faq, Contact Us). It also features a copyright notice ("© Copyright All Rights Reserved By OVBTP 2015") and a footer menu with links to Home, About Us, Faq, and Contact Us.

**Figure 8.32.1**

## 8.32.2 Unit Testing

When the user not enter the venue name it shows the warning.

The screenshot displays the 'Add New Venue' page of the Online VBTP website. On the left, a sidebar menu includes 'Dashboard', 'Venues' (selected), 'Revenue', 'Add Venue' (highlighted in green), and 'Payment'. The main content area has a header 'Add New Venue' and a note: 'Please enter all required information for add the venues'. Below this is a section for 'Venue Details' with fields for 'Venue Name' (containing 'Enter venue name') and 'Venue Description' (containing 'Please enter an email address.'). A large map of Sydney is centered on the city, with a search bar at the top labeled 'Complete Address'. Below the map is a text area for 'Describe venue location in detail:' with the placeholder 'Enter details about venue location.' At the bottom, there is a checkbox for 'I read and agree with Terms of services.' followed by a blue 'Add My Venue' button. The footer contains links for VBTP (Home, About Us, Contact Us), USER (Sign In, Sign Up, Forgot Password), VENUE (Find Venue, Add Venue, Venue Policy), and POLICY (Terms Of Services, Faq, Contact Us). The footer also includes copyright information: '© Copyright All Rights Reserved By OVBTP 2015' and navigation links: 'Home', 'About Us', 'Faq', and 'Contact Us'.

Figure 8.32.2

## 8.32.2 White Box Testing

### Authorized User

Give only access to the authorized users.

**Sign In**

Please enter the required information for sign in.

**Note:** You have no access to the required page ×

**Email:**

**Password:**

**Sign In**

[Forgot Password?](#) [Have not account? Sign Up](#)

**Figure 8.32.2**

### Message For Already Register User

When a user register twice the it give the message you are already Register.

**Sign UP**

Please enter the required information for sign up.

**Warning:** Email Already Existing. Enter A new one. ×

**Email:**

**Select User Type**

User - For Book Venues  
 User - For Add Venues

I read and agree with [terms of services.](#)

**Sign Up**

**Figure 8.33.3**

When user enter correct information and fill all field then it give the seccessfull event added/updated message.

**Venues**

 Babar Rehman your venues are following:

**Note:** Event updated successfully. ×

Decent L.. | Decent L.. | Venue # 1 | on 2015-11-30 | Active ⊕ ⊖ 🔍

Decent L.. | Decent L.. | Venue # 7 | on 2015-12-01 | Active ⊕ ⊖ 🔍

**Figure 8.33**

