

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Venue Booking & Tour Planner

Supervised By:

Mr. Saif-Ur-Rehman

Name	Roll No
Babar Rehman	AM-475907
Muhammad Rashid	AI-429215
Muhammad Naveed	AN-400034

Introduction

- Web based application
 - ✓ Venue Booking
 - ✓ Tour Planner
 - ✓ Real 3rd Party
 - ✓ Advance Features
 - ✓ Secured Application
 - ✓ Light Weight
 - ✓ SEO Friendly



Existing System



jovago.com

Check rates, browse reviews and book Hotels on *Jovago.com*, hotel booking website. Book now, pay at venue...

Existing System

Drawbacks

- No hourly booking
- No custom offer
- No visiting plan
- No advance booking through online payment
- No manual payment
- No venue video
- No SMS notifications
- Multiple events not supported



Need For Project(Optional)

Why we need new system?

To overcome the drawbacks of the existing system.

What user want?

- Real 3rd Party
- Advance Features
- Proper Solution
- Enhancement
- Security



Developed System

What's new?

- Book venues easily
- Online payment
- Manual payment
- Different packages
- Custom offer
- Hourly & daily booking

What's NEW?



Developed System

- Visiting Plan
- Booking Price Calculator
- Printing Receipt
- Email notifications
- SMS notifications
- Proper user communication
- Light weight and also SEO friendly



Developed System

- Supports multiple events.
- User reviews about venue.
- Application rating.
- Venue Proper Information.
- Google map based application.
- Easily accessible on different platforms.
- Ajax based system.



Security

What type of security in VBTP?

- Security against SQL injection
- Security against XSS
- Security against CSRF
- No access to directories
- Renaming files
- Input validation (Front-end & Back-end)
- File uploading restrictions



We spent our lot of time on it. It is really a challenge for hackers. VBTP is completely save and secure system.

Proof



- Top website of venue bookings but it is insecure
<http://www.skywaysgroup.com.pk>
- Admin Panel Link: <http://www.skywaysgroup.com.pk/admin.php>
- Education Website <http://www.nimls.edu.pk>
- Admin Panel Link: <http://www.nimls.edu.pk/admin.php>



Vulnerable for hacking.

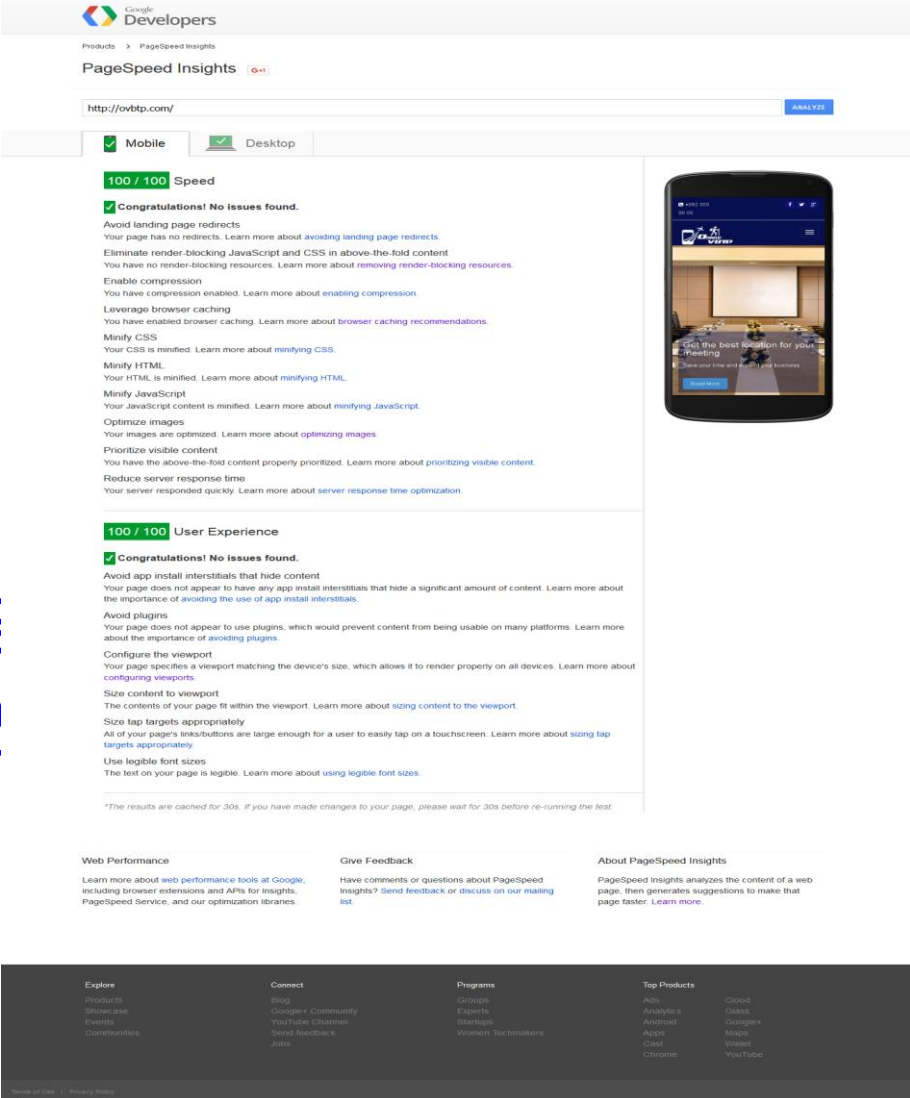
Many other websites.....

Light Weight & SEO Friendly

- According to the google standards


Proof:


<https://developers.google.com/insights/?url=http%3A%2F%2Fovbtp.com%2F>





Google Developers


Products > PageSpeed Insights

PageSpeed Insights 

http://ovbtp.com/ 

 Mobile  Desktop

100 / 100 Speed

 **Congratulations! No issues found.**

Avoid landing page redirects
Your page has no redirects. [Learn more about avoiding landing page redirects.](#)

Eliminate render-blocking JavaScript and CSS in above-the-fold content
You have no render-blocking resources. [Learn more about removing render-blocking resources.](#)

Enable compression
You have compression enabled. [Learn more about enabling compression.](#)

Leverage browser caching
You have enabled browser caching. [Learn more about browser caching recommendations.](#)

Minify CSS
Your CSS is minified. [Learn more about minifying CSS.](#)

Minify HTML
Your HTML is minified. [Learn more about minifying HTML.](#)


Minify JavaScript
Your JavaScript content is minified. [Learn more about minifying JavaScript.](#)

Optimize images
Your images are optimized. [Learn more about optimizing images.](#)

Prioritize visible content
You have the above-the-fold content properly prioritized. [Learn more about prioritizing visible content.](#)

Reduce server response time
Your server responded quickly. [Learn more about server response time optimization.](#)

100 / 100 User Experience

 **Congratulations! No issues found.**

Avoid app install interstitials that hide content
Your page does not appear to have any app install interstitials that hide a significant amount of content. [Learn more about the importance of avoiding the use of app install interstitials.](#)

Avoid plugins
Your page does not appear to use plugins, which would prevent content from being usable on many platforms. [Learn more about the importance of avoiding plugins.](#)

Configure the viewport
Your page specifies a viewport matching the device's size, which allows it to render properly on all devices. [Learn more about configuring viewports.](#)

Size content to viewport
The contents of your page fit within the viewport. [Learn more about sizing content to the viewport.](#)

Size tap targets appropriately
All of your page's links/buttons are large enough for a user to easily tap on a touchscreen. [Learn more about sizing tap targets appropriately.](#)

Use legible font sizes
The text on your page is legible. [Learn more about using legible font sizes.](#)

*The results are cached for 30s. If you have made changes to your page, please wait for 30s before re-running the test.

Web Performance
Learn more about web performance tools at Google, including browser extensions and APIs for Insights, PageSpeed Service, and our optimization libraries.

Give Feedback
Have comments or questions about PageSpeed Insights? [Send feedback](#) or [discuss on our mailing list](#).

About PageSpeed Insights
PageSpeed Insights analyzes the content of a web page, then generates suggestions to make that page faster. [Learn more](#).

Explore
[Products](#)
[Showcase](#)
[Events](#)
[Conversations](#)

Connect
[Blog](#)
[Google+ Community](#)
[YouTube Channel](#)
[Send feedback](#)
[Jobs](#)

Programs
[AdSense](#)
[AdWords](#)
[Experts](#)
[Startups](#)
[Women Techmakers](#)

Tap Products
[Ads](#)
[Analytics](#)
[Android](#)
[Apps](#)
[Cloud](#)
[Chrome](#)
[Data Studio](#)
[Developer](#)
[Maps](#)
[Webmaster Tools](#)
[YouTube](#)

Terms of Use | Privacy Policy

Scope

- Application developed using OOP approach.



- System include the sign up module, sign in module, searching module, booking module, custom offer module, payment module, visiting plan module, and communication module.

Objectives

- Easy to search venues.
- Online booking of venues.
- Support multiple events.
- Safe and secure.
- Proper venue and its owner information.
- User & device friendly



Task Distribution

- Common Activities
 - ✓ Analysis
 - ✓ System Design
 - ✓ Database Design
 - ✓ Testing & Improvements
 - ✓ Documentation



- Babar Rehman
 - Venue Booking, Rating Modules, Visiting Plan module & API Integration
- Muhammad Rashid
 - Admin module, Communication module, Sign-in/Sign-up module & Security Validation
- Muhammad Naveed
 - Venue Owner module, Reports module, Custom offer & searching module.

Tools

Front-End Tools

- HTML5
- CSS3
- Bootstrap
- JavaScript
- jQuery & Ajax
- PHP (Codeigniter 2.0 MVC framework)



Backend Tools

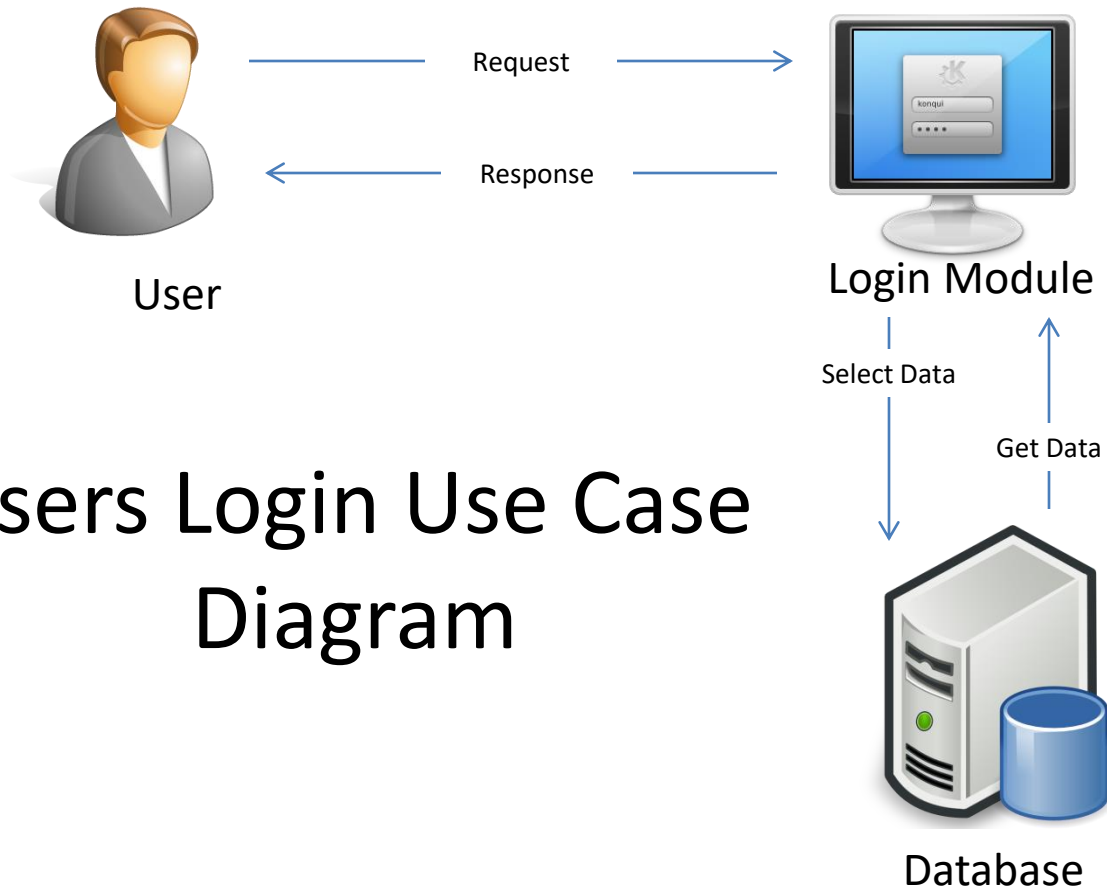
- MySQL (Database)



Use Case 1

Use Case Title	Login
Use Case Id	Ucase1
Description	
It is used to display a window to enter user Id and Password to allow logging in the system.	
Actors	Admin, User (Booking/Venue Owner)
Actions	
CO/Actor Action	System response
Enter User Id and Password	System will ask User Id and Password
Alternative Path	If User does not Enter its Id and Password then screen remain displayed.
Pre-Condition	User must have valid Id and password to access the required System
Post Condition	User Log In successfully
Exception	User Password will not be greater than 20 digits each
Author	Muhammad Rashid, Muhammad Naveed, Babar Rehman

UCD 1



Users Login Use Case
Diagram

Use Case 1

Sign In

Please enter the required information for sign in.

Email:

Password:

Sign In

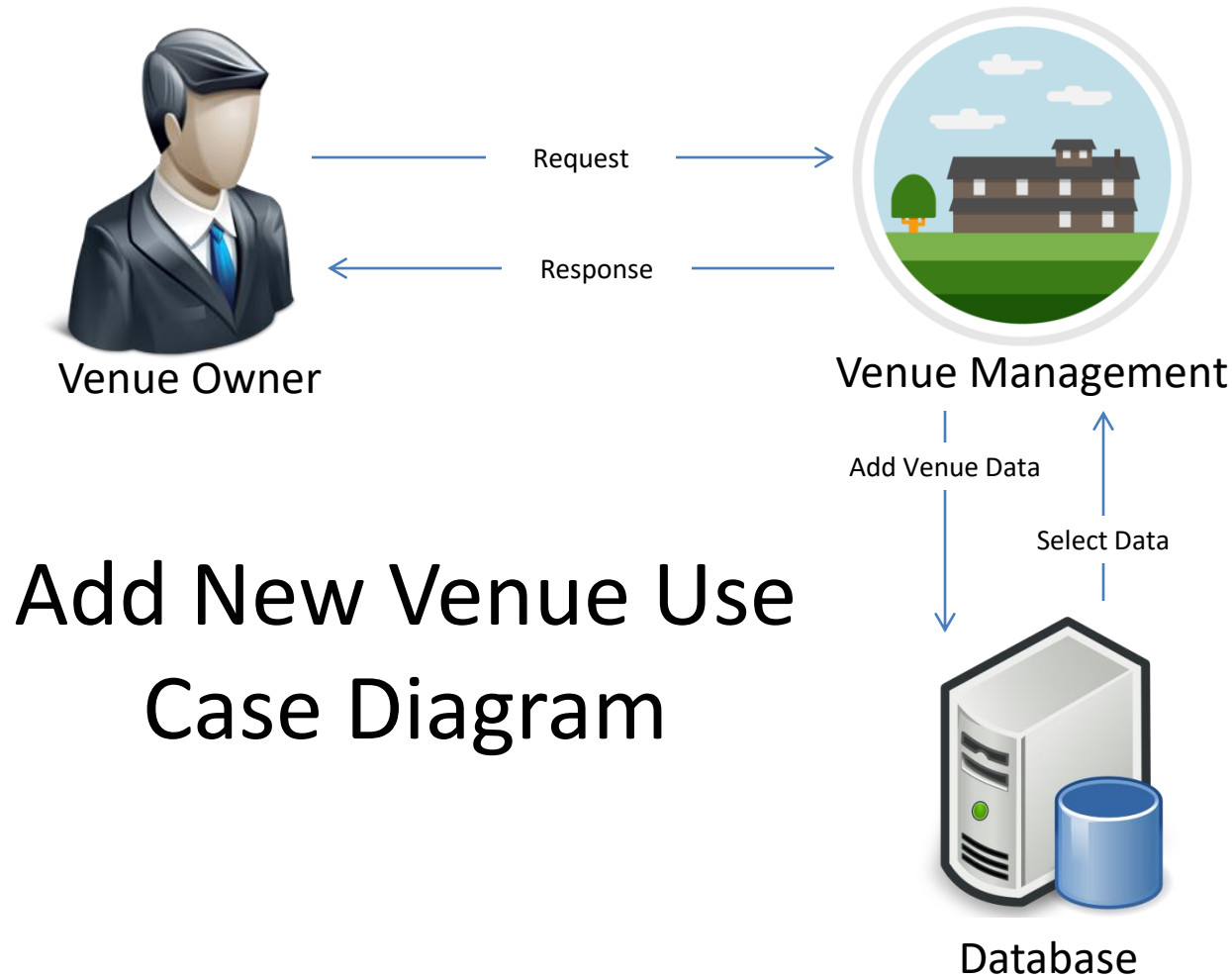
[Forgot Password?](#)

Have not account? [Sign Up](#)

Use Case 2

Use Case Title	Add Venue
Use Case Id	Ucase2
Description	
This use case is used to add new Venue details.	
Actors	User (Venue Owner).
Actions	
CO/Actor Action	User (Venue Owner) visits form to enter new record.
System response	System will provide form.
Alternative Path	Nil
Pre-Condition	User (venue Owner) after logged on request to enter the new venue record.
Post Condition	Venue record will be added in database.
Exception	If required data will not be entered correctly ,display error message.
Author	Muhammad Rashid, Muhammad Naveed, Babar Rehman

UCD 2



Use Case 2

Add New Venue

🏠 Please enter all required information for add the venues

[How I make my venue attractive and get more booking?](#)

- 🕒 Dashboard
- 🏠 Venues
- 💰 Revenue
- + Add Venue
- 💰 Payment

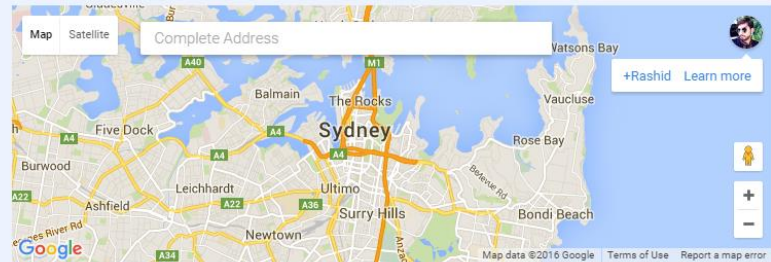
Venue Details

Venue Name:

Venue Description

Venue Address & Location

Please enter the full address with the help of Google search box. ?



Describe venue location in detail:

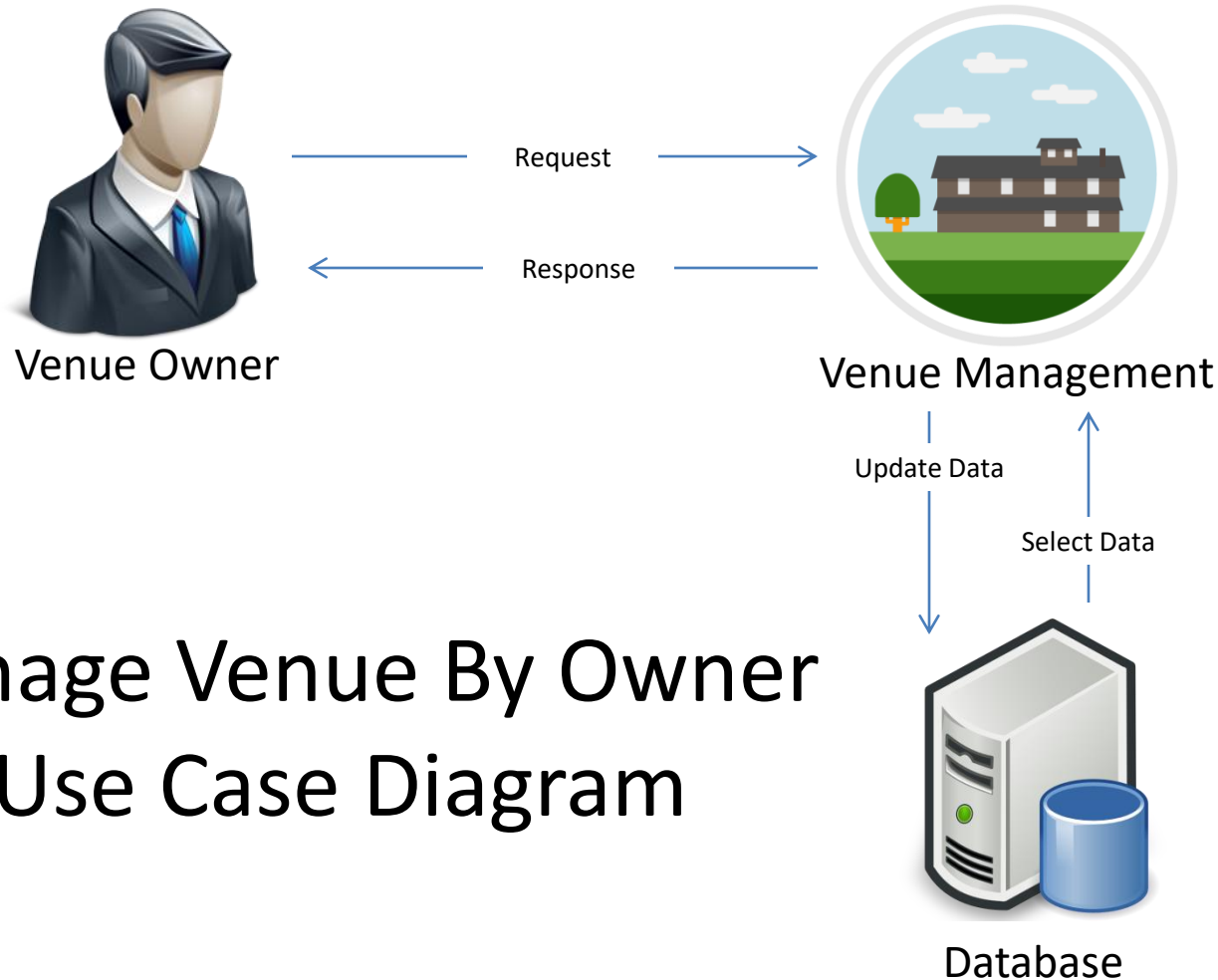
☐ I read and agree with [Terms of services](#).

Add My Venue

Use Case 3

Use Case Title	Update Venue Information
Use Case Id	Ucase3
Description	
This use case is use to update existing Venue record.	
Actors	User (venue Owner)
Actions	
CO/Actor Action	Venue Owner select venue from its venue list to update
System response	System will provide venue list with venue details
Alternative Path	Nil
Pre-Condition	User must be logged on and venue record must exist.
Post Condition	Role record will be updated successfully.
Exception	Nil
Author	Muhammad Rashid, Muhammad Naveed, Babar Rehman

UCD 3



Manage Venue By Owner
Use Case Diagram

Use Case 3

Edit Venue

🏠 Please enter all required information for edit the venues

[How I make my venue attractive and get more booking?](#)

🕒 Dashboard

🏠 Venues

💰 Revenue

+ Add Venue

💰 Payment

Venue Details

Venue Name:

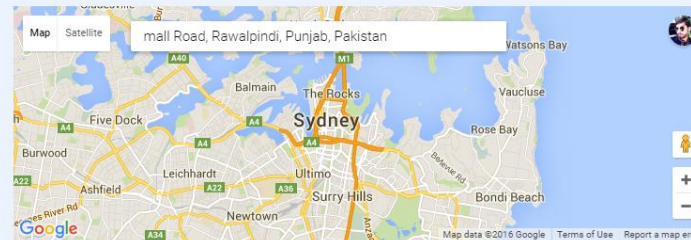
Pearl Continental

Venue Description

Rediscover the art of conferencing with Pearl Continental Hotel Rawalpindi. Our fully-equipped Business Center, and regal banquet halls offer the perfect combination of efficiency, convenience and consummate style. Keeping in mind the business and commercial requirements of the nation.

Venue Address & Location

Please enter the full address with the help of Google search box. ⓘ



Describe venue location in detail:

The Mall Road, PO Box# 211, Rawalpindi

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

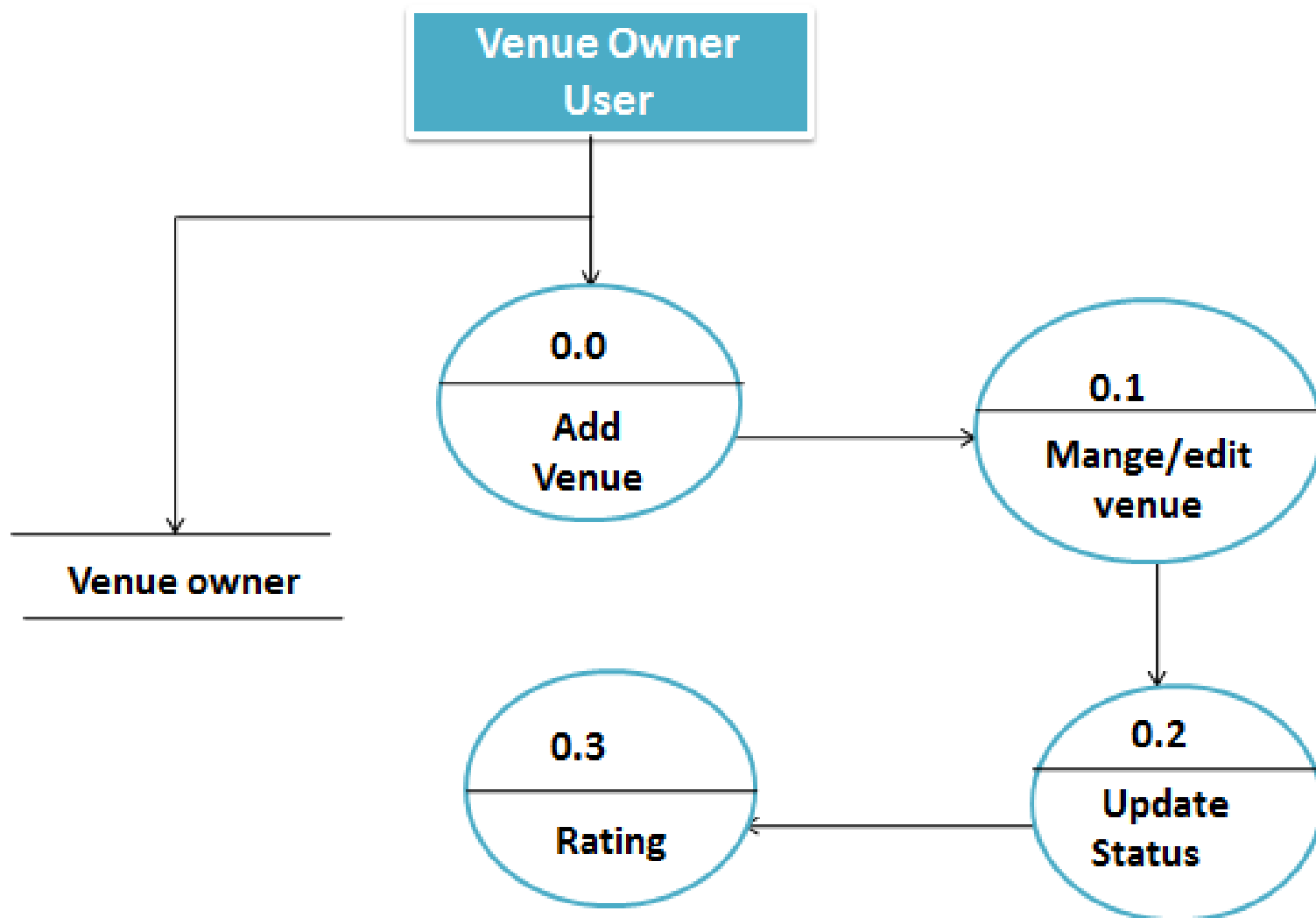
Update My Venue

Data Flow Diagram(DFD)

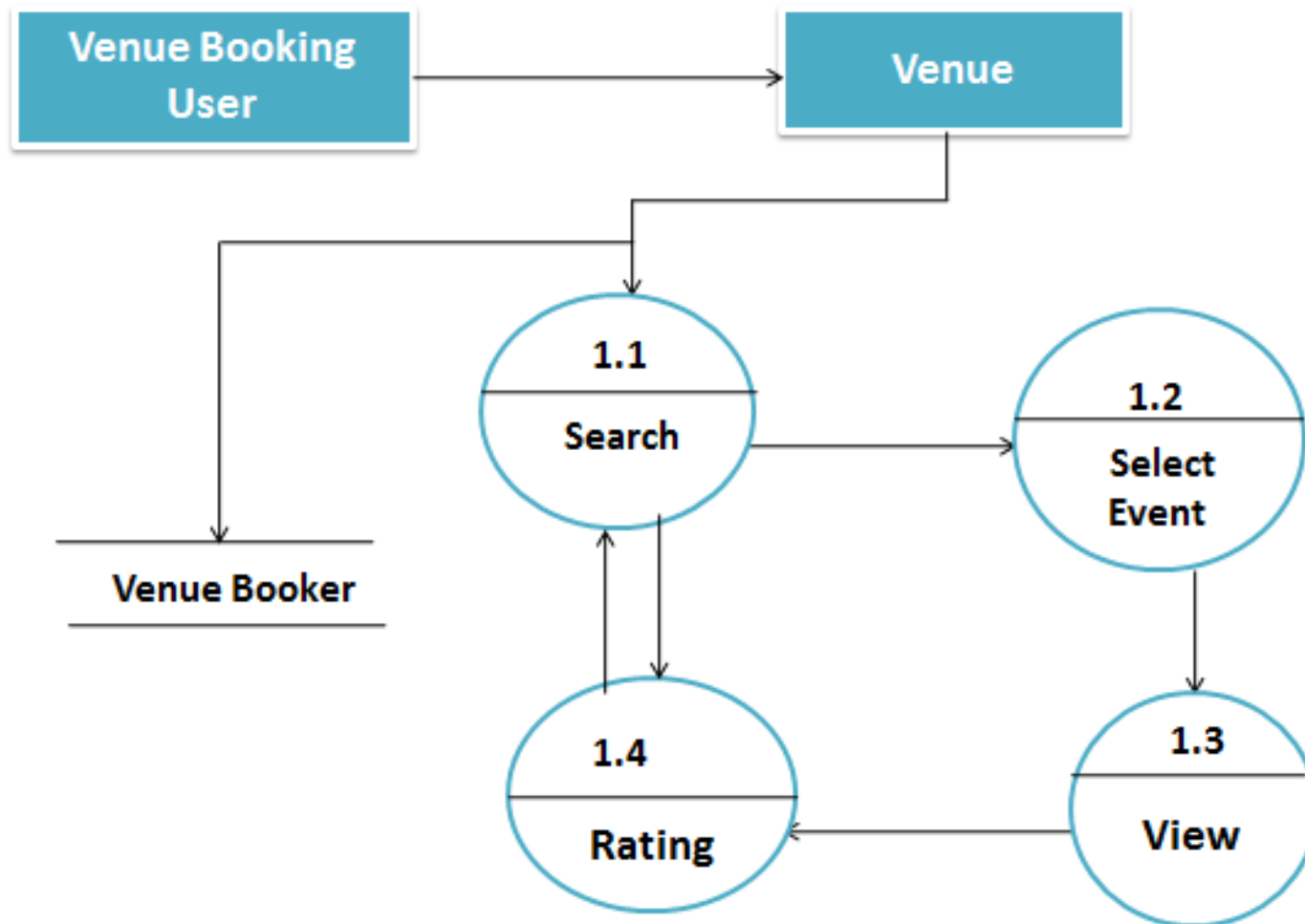
CONTEXT LEVEL DIGRAM



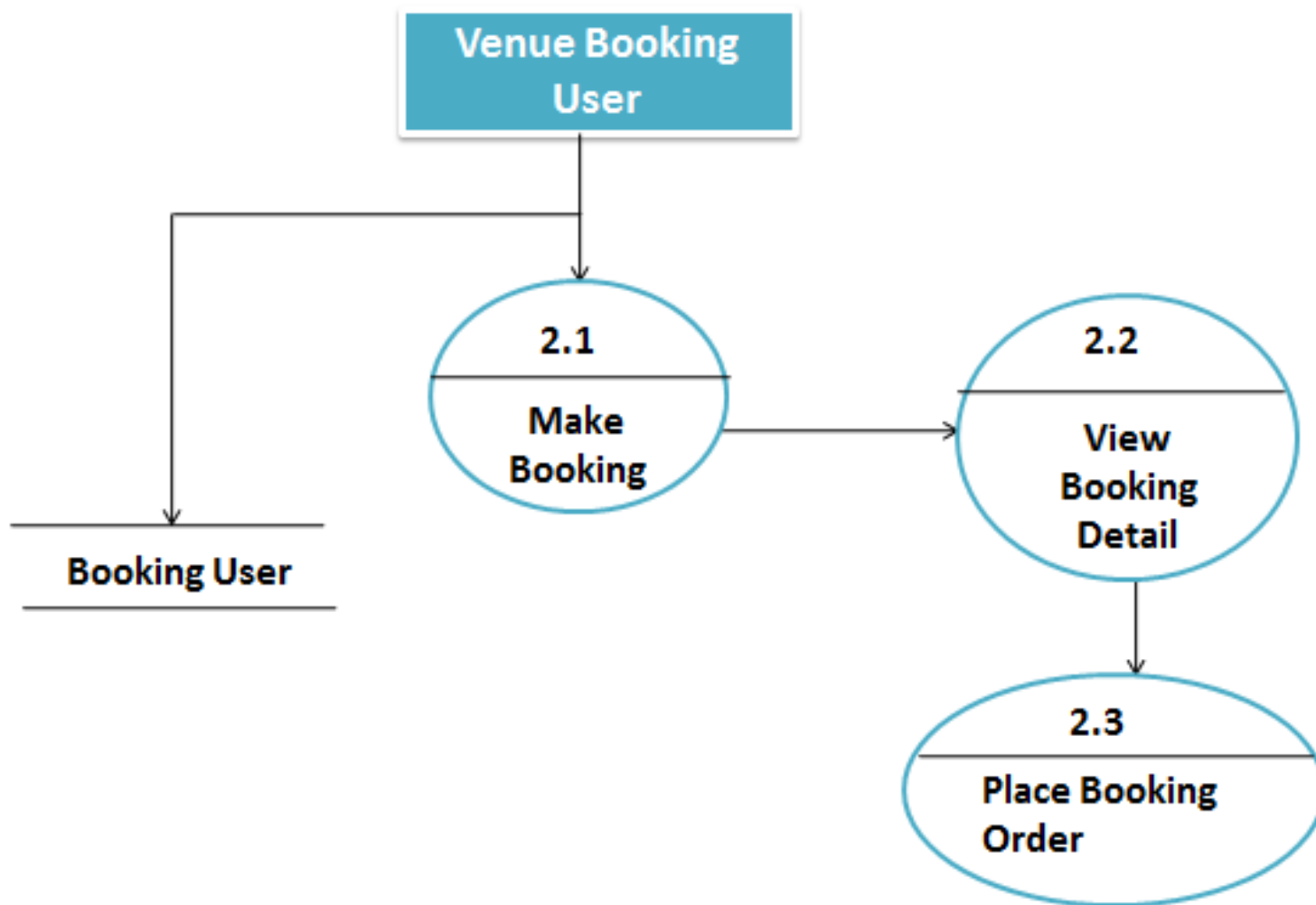
LEVEL 1 DIAGRAM



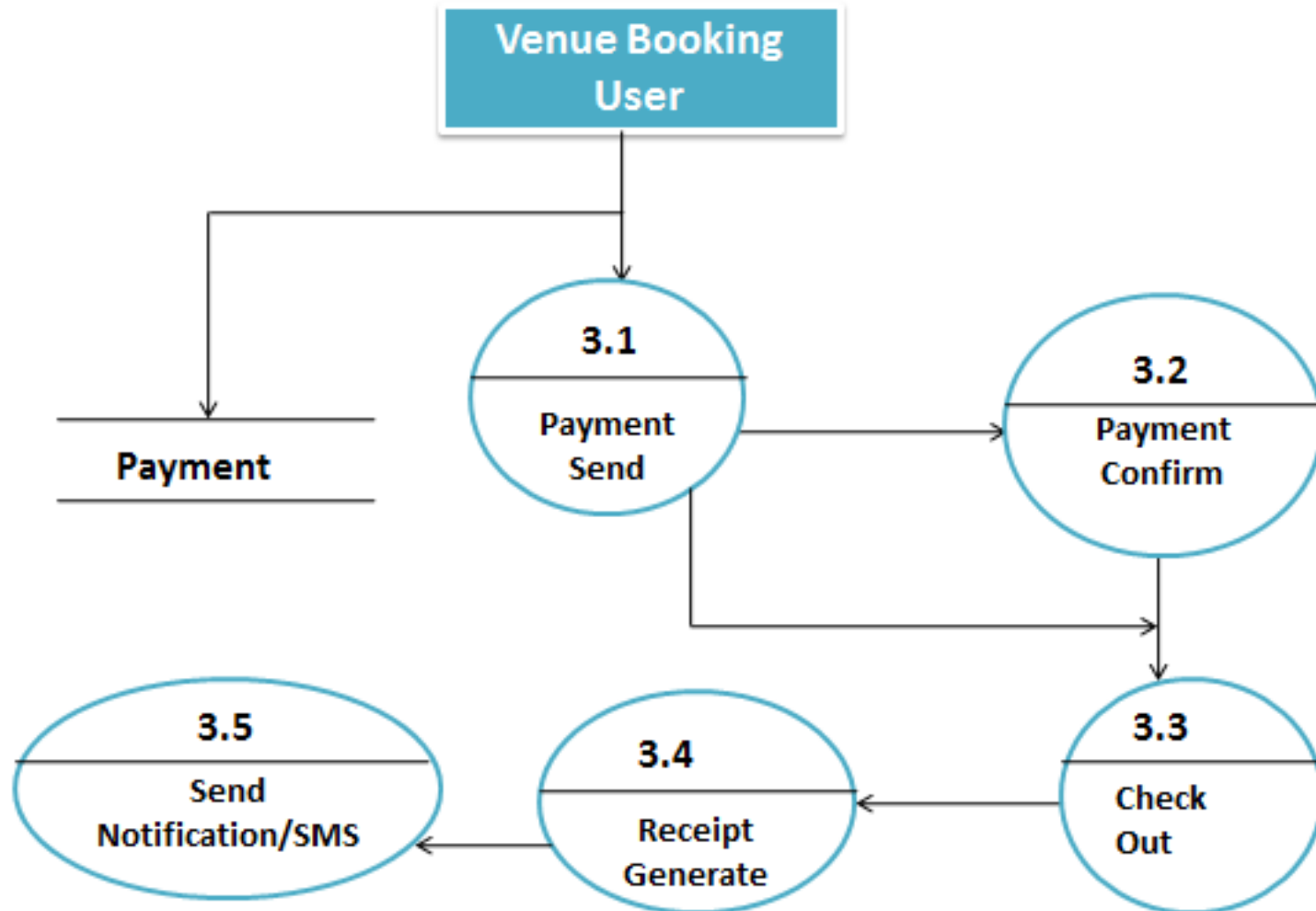
LEVEL 2 DIAGRAM



LEVEL 3 DIAGRAM



LEVEL 4 DIAGRAM

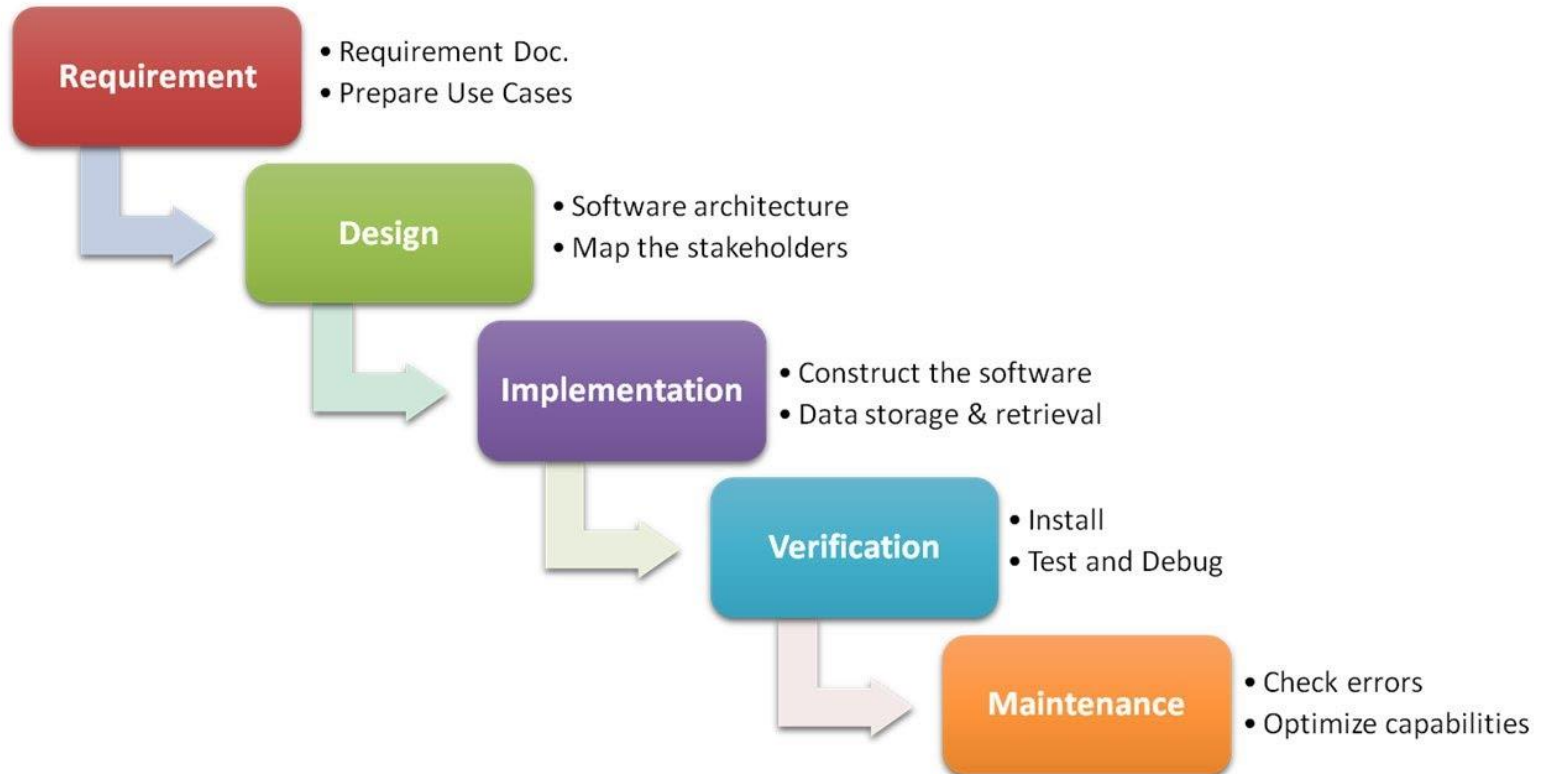


Entity Relation Diagram (ERD)

- Add new erd

Implementation

- Software Process Model



Advantages

- Simple & easy to use
- Model rigidity
- Oppose phase overlapping in step by step project completion.
- Well for projects where requirements are well understood.



Conclusion



We achieved our goals easily in less time when we worked together. The whole project undergoes with full of cheerful moments. The project has been made as per given specifications. We achieved more than what we proposed. The system has been made as user friendly as possible.

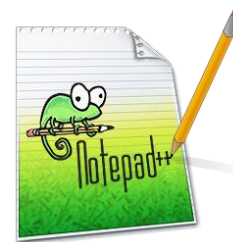
Future Enhancement

We will try to extend it more and provide more modules like

- Blog Module
- Device cam access , for real time images
- Booking confirmation notification though calls
- Instant chat
- Android application for VBTP

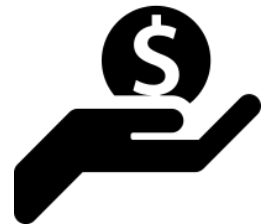
Implementation(Optional)

- Window 8
- Photoshop (CS6)
- Notepad ++
- WAMP (Apache Server, PHP MyAdmin etc.)



Advantages(Optional)

- Authenticated Information.
- Advance Booking.
- Money Saving.
- Time Saving.
- Custom Offer & Visiting Plan (If Willing).
- Easy To Manage.
- Easy To Communicate.



System Snapshot-I

Email:

test

Password:

•••••

Sign In

[Forgot Password?](#)

Have not account? [Sign Up](#)

System Snapshot-II

Email:

Enter email

Select User Type

☐ **User - For Book Venues**


☐ **User - For Add Venues**

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

Sign Up

System Snapshot-III

Welcome New Admin

 This is your dashboard where settings to manage.



Last Week Added Venues



● Total


Last Week Signed Up Users




● Total

1	1	2	1
Venues	Events	Users	Bookings


View Users
View & Block/Unblock Users.




View Bookings
View & Manage Bookings.




All Chat
Manage All Conversation.




Venues
Manage venues.



Facilites
Manage Facilites.



Events
Manage Events.



Query

Any Question?



The End

Thanks!