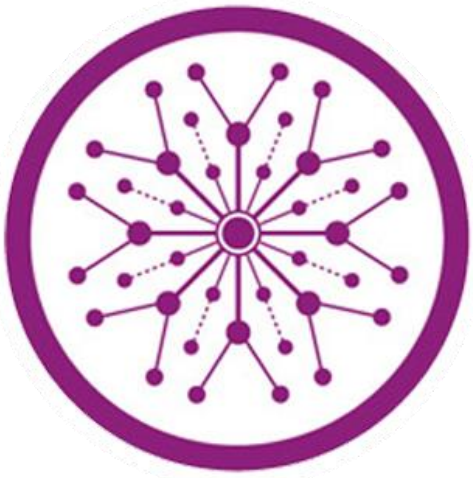
Event Door (Sab Ho Jaye Ga)

Final Year Project

Session 2018-2021

A project submitted in partial fulfillment of the degree of

BS in Computer Science



Department of Computer Science

Faculty of Computer Science & Information Technology

Superior University Lahore

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Area of specialization	
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*The candidates confirm that the work submitted is their own and appropriate credit has been given where reference has been made to work of others

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EVENT DOOR (Sab Ho Jaye ga)

Change Record

Author(s)	Version	Date	Notes	Supervisor's Signature
	1.0		<Original Draft>	
			<Changes Based on Feedback from Supervisor>	
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APPROVAL

PROJECT SUPERVISOR

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_____

Name:_____

Date:_____ Signature:_____

PROJECT MANAGER

Comments: _____

_____

Date:_____ Signature:_____

HEAD OF THE DEPARTMENT

Comments: _____

_____

Date:_____ Signature:_____

Dedication

“A final year project report presented to the Superior University Lahore in partial fulfillment of the requirements of the degree of Bachelor in Computer Science. We want to dedicate this work to those students who want to learn even if they don't have resources. Then to our parents, teachers, friends, and all those individuals who helped us and prayed for us in this project.”

Acknowledgments

In the name of Allah, the Most Beneficent and the Most Merciful Alhamdulillah. All praises to Allah for the strengths and his blessing in completing this proposal. Special appreciation goes to my supervisor, **Mr. Numan Jazeb** for his supervision. Who taught us how to manage workload and thoroughly briefed us about all the pros and cons of our idea. He has the best communication level, gave us more or more motivation and confidence. Not to forgive, the appreciation of my co-supervisor, **Mr. Jameel** for his support and awareness. We would also like to express our appreciation to the Department of Computer Science Head, **Dr. Irfan ud din** for the support and help towards our Bachelor affairs. Heartfelt thanks to all friends and those who indirectly contributed to this research, your kindness means a lot to me. Thank you very much.

Executive Summary

Events are never-ending occasions in our society. Therefore, event management is considered a highly profitable business for organizing various events like marriage, birthday parties, office and school events. Currently, people have to go through various event organizers and then book the package of the event manually by deciding their budget. To make an event successful, event managers needs to provide different service like Sound systems, Lighting, Canteens, stage construction. In the present system, the Event Company have to do all management work manually. They keep all payment and event details and information in hard form that take time, it may be lost or changed. There is no system to check the past expenses and pros and cons on any event. To do this they will have to check the register and this is a very time-consuming and tiresome act. Keeping this problem in mind we developed this system to manage all these activities. Event Door (Sab ho Jaye ga) is the application of management to the Creation and the Development of large scale events such as marriage, birthday party, festivals, formal parties. People can find or book online event halls and see the packages and timing slots online about halls and about their desire places. They will able be to get all this information through this application.

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Chapter 1

Introduction

1. Introduction

An event may be considered as a display of some events in which some guests or participants are invited for a particular time span. Events can be classified into different types like birthday parties, business events like conferences, product launch and promotions, wedding ceremony, college events and so on.

Event management is used to manage all the activities related to event. In any kind of event many service providers work together and it is very hard to manage. For managing all these activities, we have developed this Application. Event Door (Sab ho Jaye ga) is the application of management that proceeds Creation and Development of large scale events such as festivals, wedding ceremonies, formal parties and concerts. Therefore, enabling users to discover or book online event halls and see the packages and timing slots online. They will be able to get all this information through this system. In order to achieve success in the event management business, we must have strong network of different service providers. In present system, Event Company have to do all management work manually. They keep all the payment and other information on papers. There is no system to check the past expenses. To do this they have to check payment register and other related docs, this task is very time consuming and tiresome act. Keeping all these problem in mind we have developed this system. This system helps the event management company to manage their paper work online and people can also check their desire places and hall according to their budget.

Event Door is a process of organizing a professional and focused event, for particular target audience. This involves planning, organizing, budgeting, visualizing concepts. Such as marriage ceremony, fashion shows, birthday parties, exhibitions, theme parties, product launching, etc. Also we designed this application by addressing solutions to several issues keeping in mind, that are faced by event managers in executing events.

The basic needs that must be fulfilled to organize an event are:

- Strategy
- Understanding the target costumers
- Marketing and Promotion
- Itinerary Designing
- Budget Planning
- Entertainment
- Revenues Generated

1.1. Background

Event management (Event Door) as described above, can lead to error free, secure, reliable, and fast management system. This system helps the event management company to manage their paper work online. We will help organize successful events that connect different people with markets that are renowned for being professional and more efficient, as well as reliable.

1.2. Motivations and Challenges

- Budget
- Time.
- Innovation and Creativity
- AV Equipment Failure
- Fresh Content.
- Audience Engagement & Leaving a Lasting Impression
- Backup Plan

1.3. Goals and Objectives

Our goal and objective is to certify enchantment for all services we provide to our clients as we have worthiness to convert ideas to things, sooner a reality which is window to success. Time saving activity. The data in a centralized way which is available to all the event managers. Easy to manage data in database. We believe that each action is crucial as it is enough to take steps which may lead to a goal, where each step must be a goal in itself.

1.4. Literature Review/Existing Solutions

The current and existing system is not providing secure registration and profile management of all the users properly. This system is not providing on-line help. This system doesn't provide tracking of users activities. This transmission system gives us very less security for saving data and some data may be lost due to mismanagement. The system is not providing proper events information. Our system is giving transmission information through the event management executer.

1.5. Gap Analysis

When we are going to manage special kind of events, it can be difficult to evaluate success considering the things rarely go as planned and there is an unchangingly room for increased in demand of improvement. Event door help us to modernize the event on the desire theme. The analysis helps measuring the success of events much easier. A gap analysis creates a set of goals

firstly to the event and helps comparing these goals to outcomes. This will allow us to assess how successful an event has been at meeting these goals.

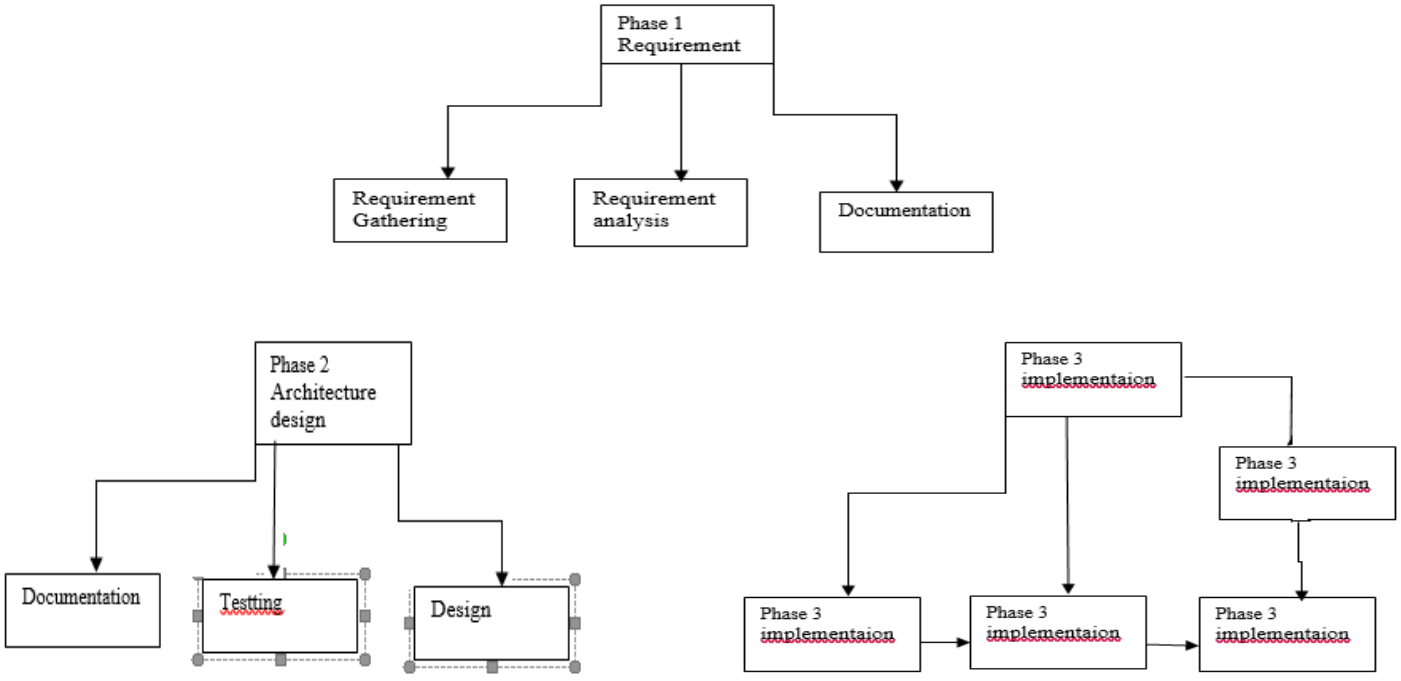
1.6. Proposed Solution

- This system will provide online help and search capability.
- User friendliness is provided in application with various solution, provided by system.
- Authentication is provided for this application only registered users can access.
- This system provides the employees to manage the events systematically.
- Easy access to book any event e.g. birthday parties, wedding ceremonies etc.
- We will organize and manage their events on the behalf of their requirement and budget.
- This application will provide secured payment online facilities.
- It sends automatic email notifications to the customer.

1.7. Project Plan

- Determined the goal and objectives
- Assemble a team
- Establish event budget
- Event marketing and advertising

1.7.1. Work Breakdown Structure

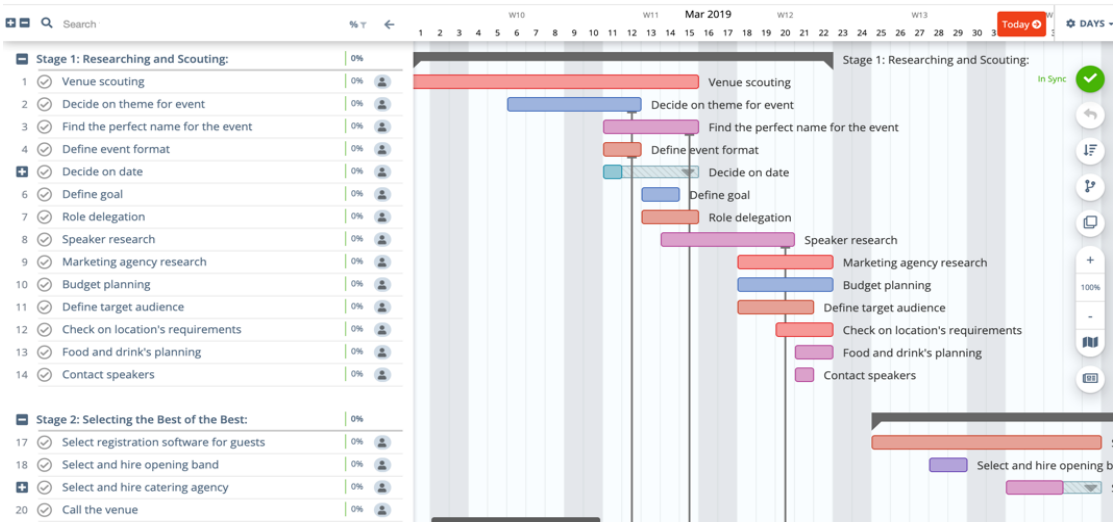


1.7.2. Roles & Responsibility Matrix

WBS #	WBS Deliverable	Activity to Complete the Deliverable	Duration (# of Days)	Responsible Team Member(s) & Role(s)
1	requirement	85 days	4	Zahid
2	Designing	25 days	4	Ansar
3	implementation	35 day	3	Ansar/Abdul rehman
4	Execution	25day	2	Zahid/Ansar
5	Testing	8 day	4	All

1.7.3. Gantt Chart

Bar chart is used to exclusively for scheduling purpose. It is a project controlling technique. Budgeting and resourcing planning.



Chapter 2

Software Requirement Specifications

Software Requirement Specifications

2.1. Introduction

The most recent developments and changes in the business environment and information must be to effectively getting idea that manages and stores way of walking and take part in competition in the event industry. In this way, a more comfortable, easier and cost-efficient manner of handling information is necessary.

2.1.1. Purpose

This System Requirement Specification (SRS) aims to provide the readers and users information about system. SRS describes the data, functional and behavioral requirements of this application that is designed to manage the all kind of desire events. This will take the users requirements for well-nigh events. According to the user requirement it estimate how much forfeit are coming in the whole events. The main purpose is, it provide services related to event to the user in very optimize cost.

2.1.2. Document Conventions

This Document contains headings and paragraphs.

First Heading: is bold, Font is Calibri (body).

Second Heading: is bold, Font is Calibri (body).

Paragraph: Calibri (body), Size is 12 and line spacing is 1.15.

DB: Database

ERD: Entity Relationship Diagram

SRS: Software Requirement Specification

API's: Application programming interface

UI: User interface

Events: A social gathering or activity

2.1.3. Intended Audience and Reading Suggestions

The intended readers of this SRS are developers, event heads, managing staffs and the event organizers and users. Reading the unstipulated descriptions surpassing proceeding to the specific requirements would help the reader's hands understand the preliminaries functions of the system. Intended audience of this application is a project manager which use SRS to evaluate this application in all phases, either the project process going according to system requirement.

- This application is also used by the designer to make perfect design flow of the product according to SRS.

2.1.4. Product Scope

This application has been developed to provide firm assistance in handling information about their participants and the managers' respective needs. It will allow the users to effectively administer the consistent demand of its patrons. Furthermore, it will allow systematic scheduling of events and entering information about the participants.

New logistics supplier contacts will also be added to the system. It will also provide a feature for billing participants. Participant information would be readily and easily available for its users and would be less costly and less time-consuming than manually searching for hardcopies of files. The information shall also be secured, only specified users can access the application. Major feature of this product is to help users effectively handle, direct information within the organization keeping it safe and protected from external, as well as internal threats.

2.2. Overall Description

2.2.1. Product Perspective

This application will be a new independent product, it is not a component of another program. It is intended for the administration of the management and other concerned users. All the information can only accessed by the members of staff and the manager/supervisor aside. All the forms used in the product follows a well-spoken and logical structure. Errors will be minimized through the use of drop-down buttons and write buttons to eliminate the excessive use of text input. Management of data includes adding, searching, modifying and deleting.

2.2.2. User Classes and Characteristics

Administrator, Management, Service Management & Customer are the types of users that interacted with this system with their own requirements.

- Management can upload services, notices and price of the services.
- Administrator is able to add/drop & view/update the list of customer and management.
- Customer can select services and explain their demands.

Event Heads:

The primary target users of this application are the Event heads. They are in-charge of scheduling events and managing event and user. Their aim in the use of this application is to access or update existing events and user information, add new event types and make easy the billing procedure of the user.

Event Managers:

The managers and supervisors shall moreover have wangle to the application. They must possess tampering skills to make good use of the information. They will use it in monitoring what their throne has workaday and what still needs to be done. Furthermore, they shall moreover use it in

times when they want to trammels on a unrepeatable user or event or when there is no staff misogynist to shepherd to a customer.

2.2.3. Operating Environment

- Android, JavaScript, laravel dependencies is used for front end in our project
- PHP is use for back end and JAVA is also used in it.
- Local host is used for server in our application and website.
- MYSQL SERVER is used for connectivity for Database.

2.2.4. Design and Implementation Constraints, Assumptions and Dependencies

Access will only be granted to specific users which are the event heads or the managers of Event Door. This might prove to be difficult to participants, should they ever want to avail the organizations services. On the other hand, this system will help to regulate the clientele and therefore provide guarantee that the services offered by the managing soul are of outstanding quality. With regard to scheduling of the events, it is unsupportable that the venue shall be the nomination of the event.

The primary responsibility of the managing body is to contact the suppliers of services and coordinate with them about the event. Supplier contacts of the firm are those which are known of rendering high quality service. Thus, the manager, who is the only person who can add suppliers, must study and assess a supplier's background and past performance before adding the same to the system for future collaboration.

The participant information may be accessed and updated by both the manager and the head. Therefore, any changes with regard to the date of event, change of supplier, among others are updated easily. With regard to payments, a fixed service fee shall be charged for every participant.

A client who wishes to cancel his / her participation in an event may inform the head or the manager himself of the intended cancellation. However, only the managers can delete the participant information. With this, the head needs to inform the manager of the matter if ever it was communicated to him. This is to make sure that the cancellation of the participation comes to the knowledge of the manager. Of course, the manager should ask for the reason of the cancellation and get the feedback of the participation regarding the service of the managing body.

2.3. External Interface Requirements

How will our system connect to other software/components?
External requirements are following;

- To get important notification through E-mail, user must have to provide and email address.
- For online payment;

2.3.1. User Interfaces

The interface of the application will provide options for a relatively easy data input processes text-boxes that will be properly labeled. It will moreover have a user-friendly view of the whole using with simple and easy undertaking of action-driven processes, including write buttons that are functionally labeled. With all these, target users of this software will relatively find it easy-to-use.

2.3.2. Hardware Interfaces

To be able to run the application, the minimum requirements of the hardware for this system are:

- All types of Android devices.
- 2 GB Ram
- 32GB Hard

2.3.3. Software Interfaces

- Android Studio
- MYSQL
- Visual studio
- Laravell
- JavaScript

2.3.4. Communications Interfaces

- Database SQL
- Emails
- Android kit.

2.4. System Features

The main features is to operate in a graphical environment where the users interact with this application by clicking buttons and choosing from Homepage to select according to their desire.

However some specific information (e.g. participants name, Address, contact numbers, etc.) requires the user of this application to directly input the data by typing it.

2.4.1. System Feature 1

Required information should be shown at same platform that can easily be viewed by both admin and user.

2.4.1.1. Description and Priority

The user can get information from the feature work and show it to the Admin access in short time.

2.4.1.2. Stimulus/Response Sequences

Every time the data is saved and retrieved from the database easily.

2.4.1.3. Functional Requirements

User must be logged in and should be authorized to perform this function.

For Customer:

1. **Registration:**

- To enter into this site user has to register himself first Requirements of registration are first name, last name, user name, email-id, password, confirm password etc.

2. **User Login:**

- The System provides facility to login into system.
- Enter a username and a password
- Application home page

3. **Select the Event:**

- The user can select the event and also select payment method.

4. **Forgot Password**

- The user can send reset link to the mail id to reset password.
- Input: Email id
- Output: Reset link send to Email id.

5. **Logout:**

- The system provides the facility to logout
- Input : Select logout
- Output : Logout from application
- Processing : User will logout

2.4.2. System Feature 2

The system mandates the use of a relational database management system so as to systematically store information in a database.

2.4.2.1. Description and Priority

It is a best priority project. The user can get information from this application and show it to the Admin access in short time. The application cannot work without this priority feature.

2.4.2.2. Stimulus/Response Sequences

Every time the data is saved and retrieved from the database easily.

2.4.2.3. Functional Requirements

User must be logged in and should be authorized to perform this function.

For Management

- Allow the management to Add new customers to the existing list.
- Allow the management to drop the data of customer.
- Allow the management to update the description of everything that related to event.
- Allow the management to upload different services of events.
- Allow the customer to achieve these schemes.
- Allow the customer to explain their demands through online forms.
- Allow the user to view all official notices of application.

2.4.3. System Feature 3 (and so on)

For Administrator:

- Admin can add/drop the services
- Admin can registered management staff
- Admin can view/upload the services
- Admin can tracking the activities of services management

2.5. Non-functional Requirements

- **USABILITY:-**

The application should be friendly and easy to understand for everyone. This application design is fully comfortable so that is why users are interacted to this application.

- **CHANGEABILITY:-**

The application design in such a way that we can change some data in the future. Any type of update are easily done in this project.

- **EFFICIENCY:-**

This project is on fully Graphic User Interface so that is why it interacts the customers and the image of our project is so attractive or efficient.

- **PORTABILITY:-**

Our system run in all android mobiles easily.

2.5.1. Performance Requirements

This system is interactive and delays are less. So in the every action the response of the system has no immediate delays. Error messages and saving settings delay is below 2 seconds. Our organizer will enter the data that is needed into the system. If we implement this response time it will be effective feedback from the operator.

- Our system need to be reliable
- If unable to process the request then appropriate error message
- All modules are loaded within few seconds

2.5.2. Safety Requirements

Different kind of information is entered to database such as information about the different caterer, suppliers and participant and many more. Mismanagement of that information might cause participant dissatisfaction that will eventually lead to profit loss. In line with this, the organizer should always double check which suppliers are available.

- The details need to be maintained properly
- Users must be authenticated
- The database must be kept backed up

2.5.3. Security Requirements

Our organizers have respective accounts with password that enables only the organizer/s to login onto the system. Password is must require so that no one can access the system or database. In the case of the administrator, he needs to have the adequate knowledge about maintaining databases should the system encounter problems. Because participants and suppliers can provide the information that will entered to the database, there should be very little problems about the information entered.

- After entering the password and user id the user can access his profile
- The details of user must be safe and secure
- Sharing of details

2.5.4. Usability Requirements

- We provide services outdoor as well as indoor, original pictures of decors and themes according to the customer's need and budget at a single platform.
- We can provide time slots according to customer's requirement.

2.5.5. Reliability Requirements

- Our application is reliable. It's not a scam application. It has no bugs. Customer's data will be stored safely in database.

2.5.6. Maintainability/Supportability Requirements

- We will maintain our application to ensure easy usage for our customers
- It is easy-to-use and user-friendly application

2.5.7. Portability Requirements

- Our application will run in all android mobiles easily.

2.5.8. Efficiency Requirements

This project is on fully Graphic User Interface so that is why it interacts the customers and the image of our project is so attractive or efficient. All requirements will be furnished as we keep updating our application on monthly basis.

2.6. Domain Requirements

The essence of a domain requirement is that you use it to capture things that can trigger a change to the state of the application you are developing. These event objects are then processed to cause changes to the system. Login and passwords will be stored in domain of database.

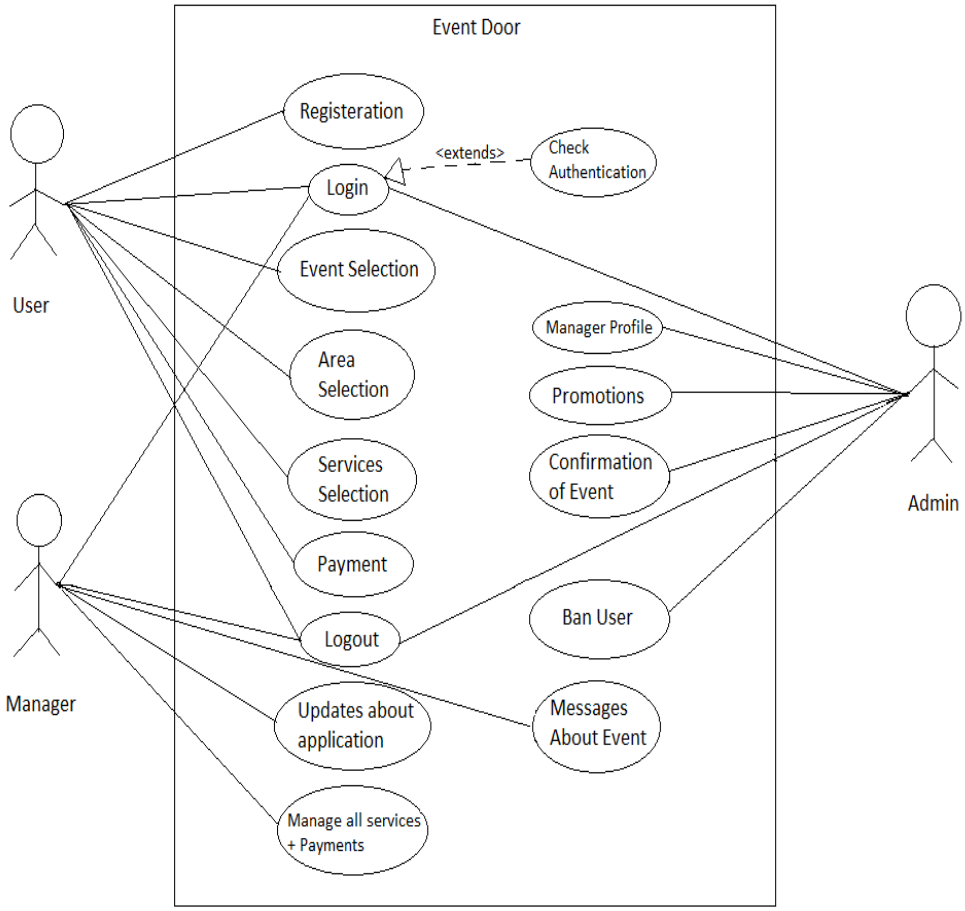
Chapter 3

Use Case Analysis

Use Case Analysis

- Only registered users will able to book online event venues.
- User will get any instant massage through e-mail address or on mobile numbers.
- Every user will have its own secured and private password of his/her account.
- To get important notification through E-mail, user must have to provide and email address.
- online payment
- Online meetings with event organizer/manager are not available.
- Online photos will available of event venues but to analyze the event venue a customer must have to walk up physically at the area where event is going to held.

3.1. Use Case Model



3.2. Use Cases Description

- **Registration**:

To enter into this site user has to register himself first. Requirements Of registration are first name, last name, user name, email-id, password, Confirm password etc.

- **Login**:

The System provides facility to login into the system. Enter username and password. User profile page.

- **Event selection:**

Customer/user will select a event by seeing at time slots available and suitable packages.

- **Manager Profile:**

It Produce detailed proposals for events (for example, timelines, venues, suppliers, legal obligations, staffing and budgets).

- **Add volunteer:**
- **Payment:**

Suitable charges for an event pay online or by card.

- **Logout:**

The system provides the facility to logout

- Input: Select logout
- Output: Logout from the system
- Processing: User will logout

Extended use case:

1) Sign up

Section: Main

Name:	Sign up
Actors:	Common people.
Purpose:	Sign-up into the system
Description:	The user enters his contact details to sign up to the system.
Cross References:	NONE
Pre-Conditions	NONE
Successful Post- Conditions	Sign Up Successful
Failure Post-Conditions	Sign Up Failed.

Alternative Course

Step 1: The user enters invalid login information

Step 2: The system displays an error and asks the user to reenter the information.

2) Login

Section: Main

Name:	Login
Actors:	Administrator, Common people.
Purpose:	Login to the system
Description:	The user enters the username and password to login to the system.
Cross References:	NONE
Pre-Conditions	NONE
Successful Post-Condition	User is logged in to the system
Failure Post-Conditions	Login Failed

Typical Course of Events

Actor Action	System Response
This use case begins when a user enters the username and password on the login screen	The system validates the information and logs the user into the system

Alternative Course

Step 1: The user enters invalid login information
Step 2: The system displays an error and asks the user to re-enter the information

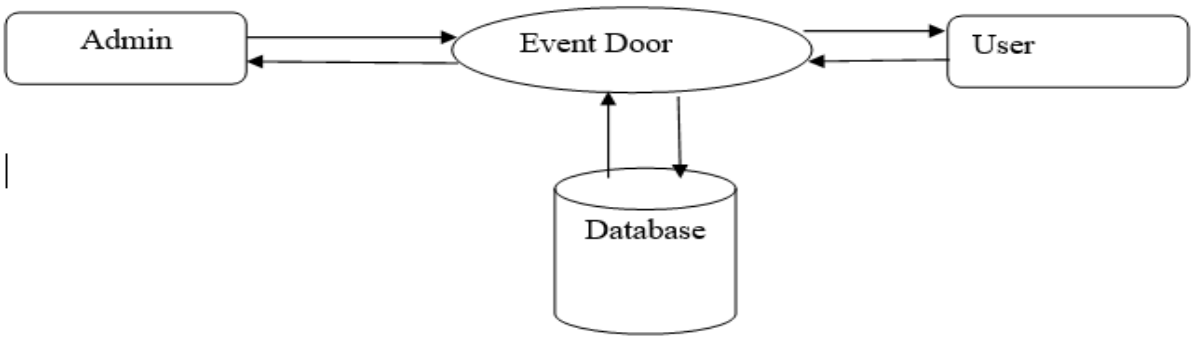
Chapter 4

System Design

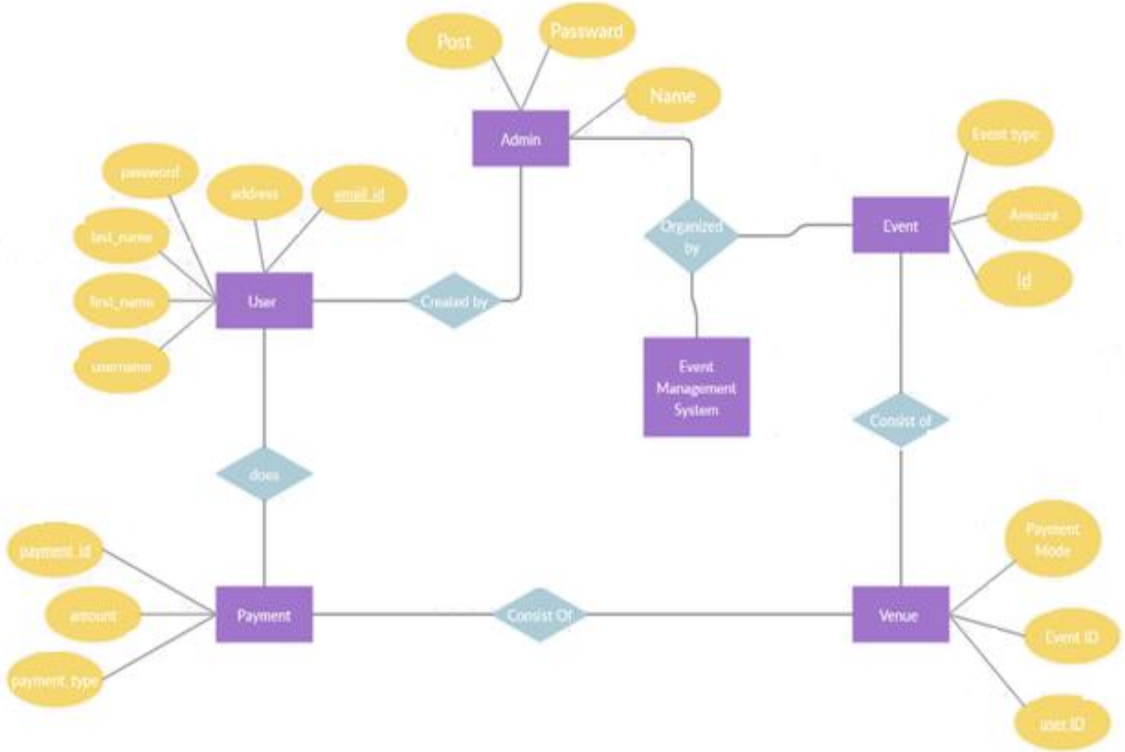
System Design

In this chapter, different diagrams are used to clarify what the actually working of our application Event Door is. Different diagrams uses different patterns to elaborate the inner system of the project. Flow, connectivity, inner working etc; all are represented by using these diagrams, which are present in this chapter.

4.1. Architecture Diagram



4.2. Entity Relationship Diagram with data dictionary



Data dictionary

- **User:**

Name	Type	Size	Description
Email ID	String	40	Email ID of the user
Name	String	30	First, last name of user
Address	String	50	Address of user
Password	String	30	Password of user

- **Admin:**

Name	Type	Size	Description
Name	String	1	Name of the Admin
Password	String	30	Password of admin
Post	String	30	Post managed by admin

- **Event:**

Name	Type	Size	Description
ID	Integer	1	ID of the Event
Event type	String	30	Type of Event Name
Amount	integer	1	Amount of event

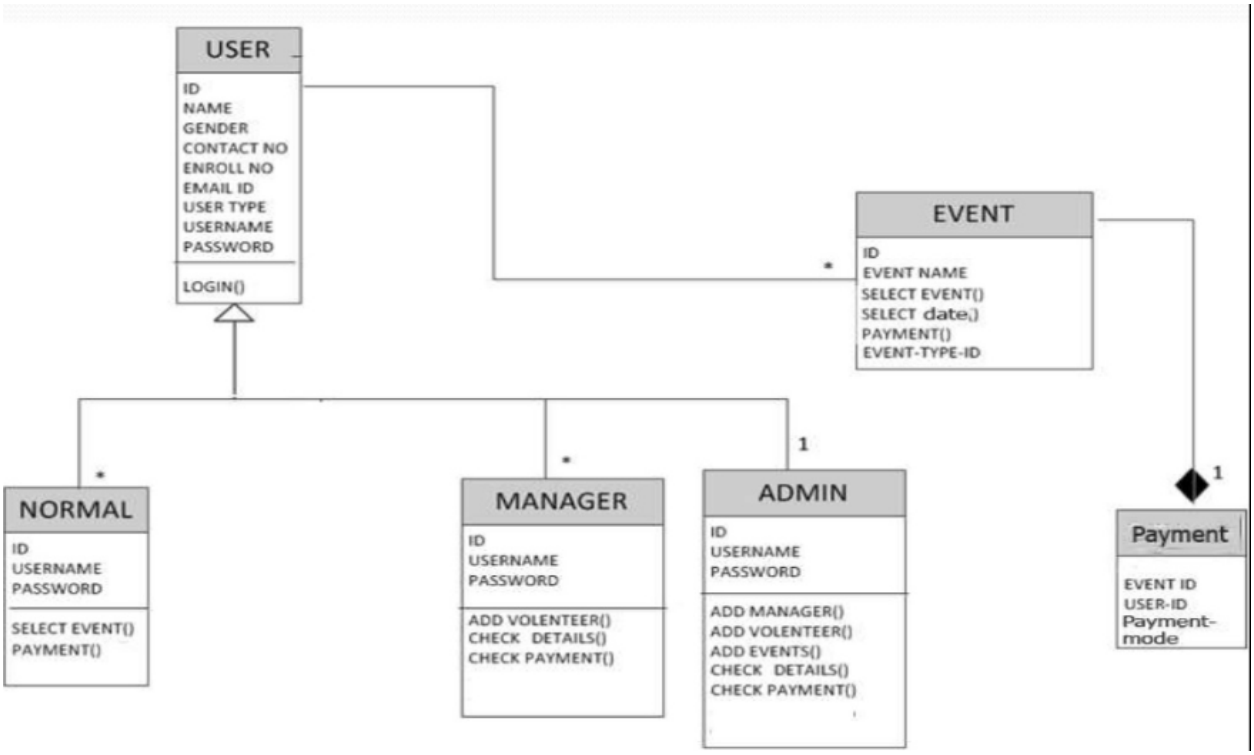
- **Payment:**

Name	Type	Size	Description
Payment id	Integer	1	Payment receipt id
Amount	Integer	11	Amount to be paid
Payment type	String	50	Type of payment eg: Omni, jazz cash, bank account

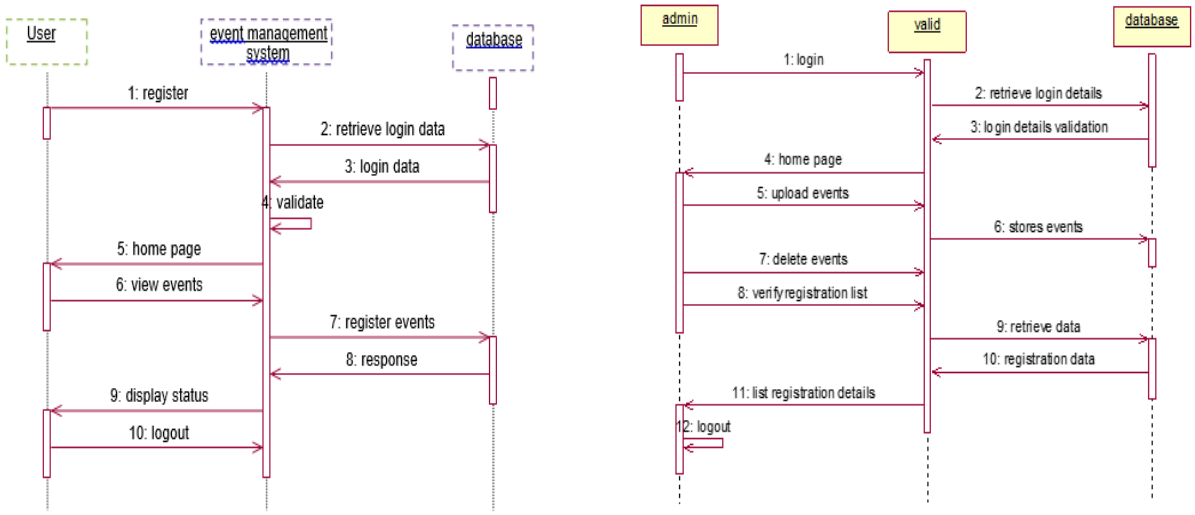
- **Venue:**

Name	Type	Size	Description
Event ID	Integer	1	ID of the Event
Payment mode	String	30	Payment mode of event
User id	integer	1	Id of user

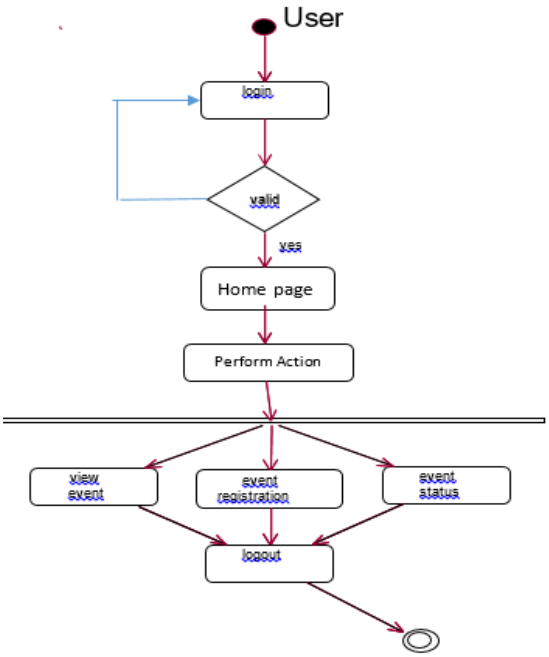
4.3. Class Diagram

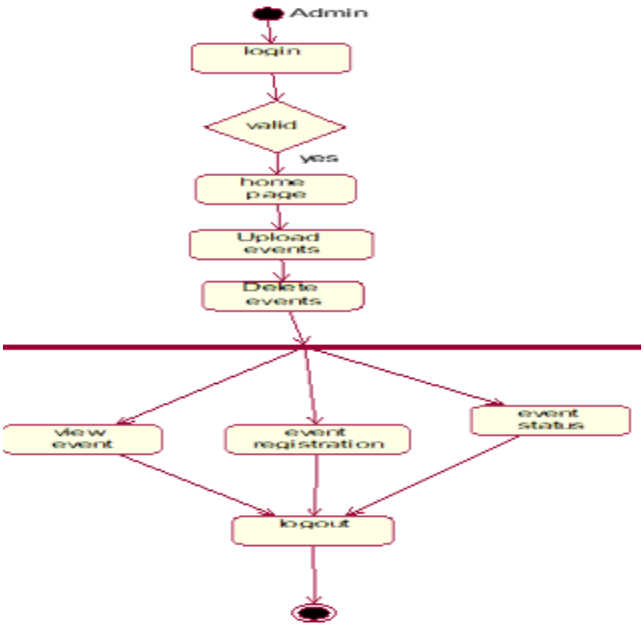


4.4. Sequence / Collaboration Diagram

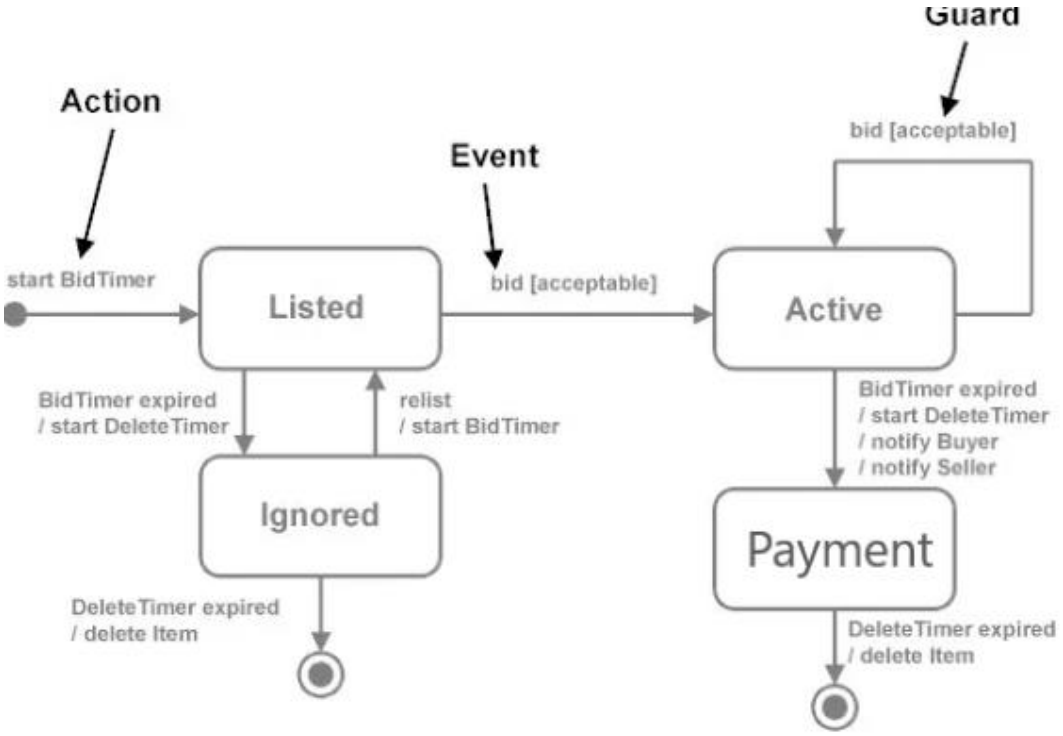


4.5. Activity Diagram

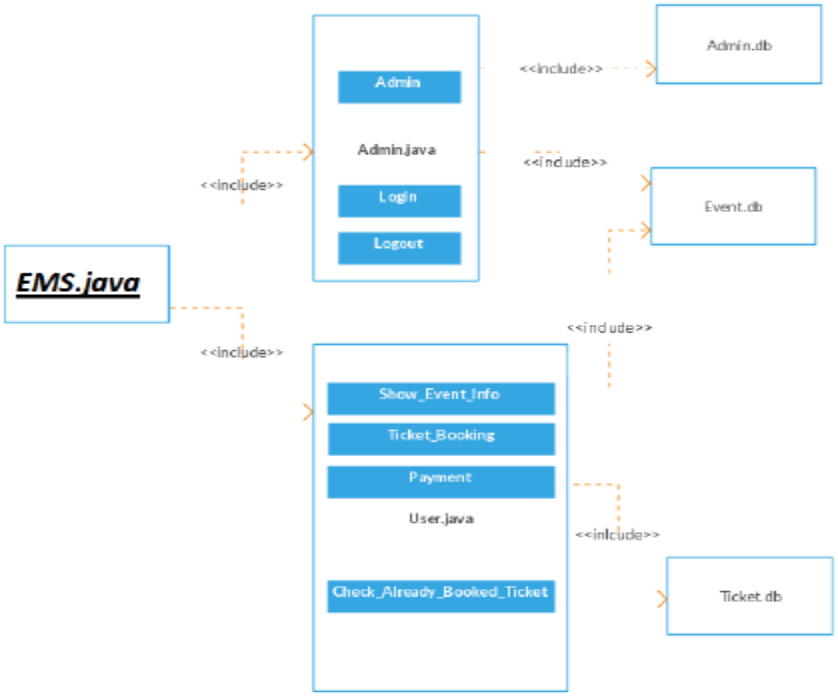




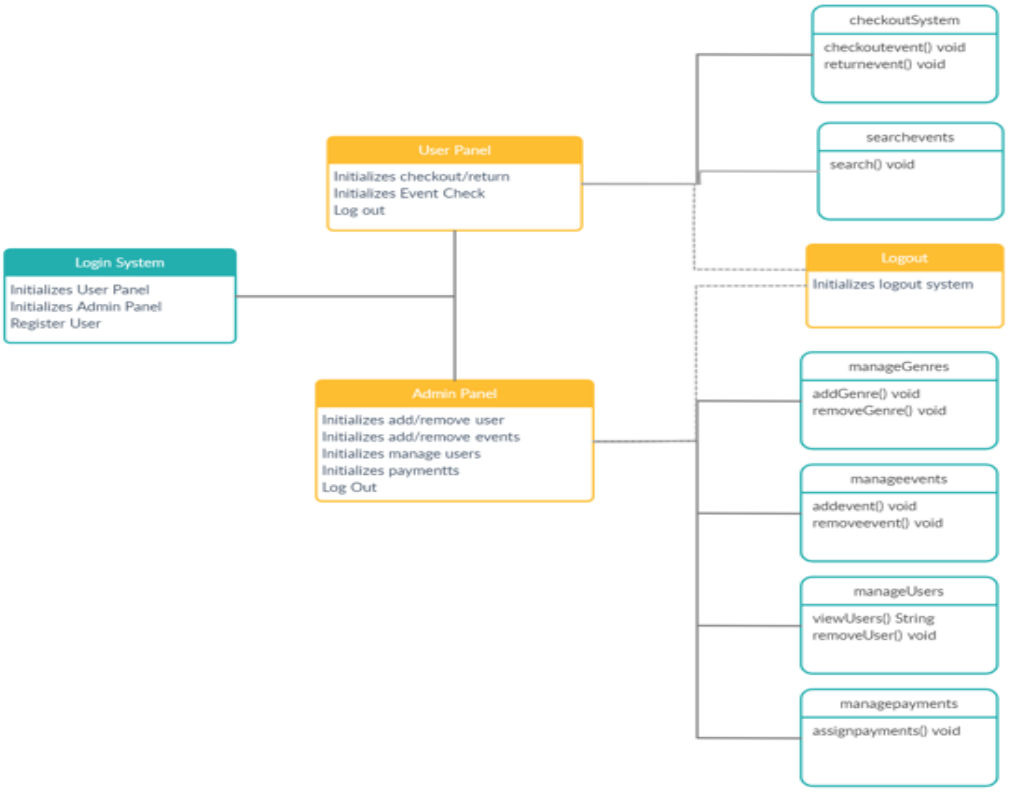
4.6. State Transition Diagram



4.7. Component Diagram

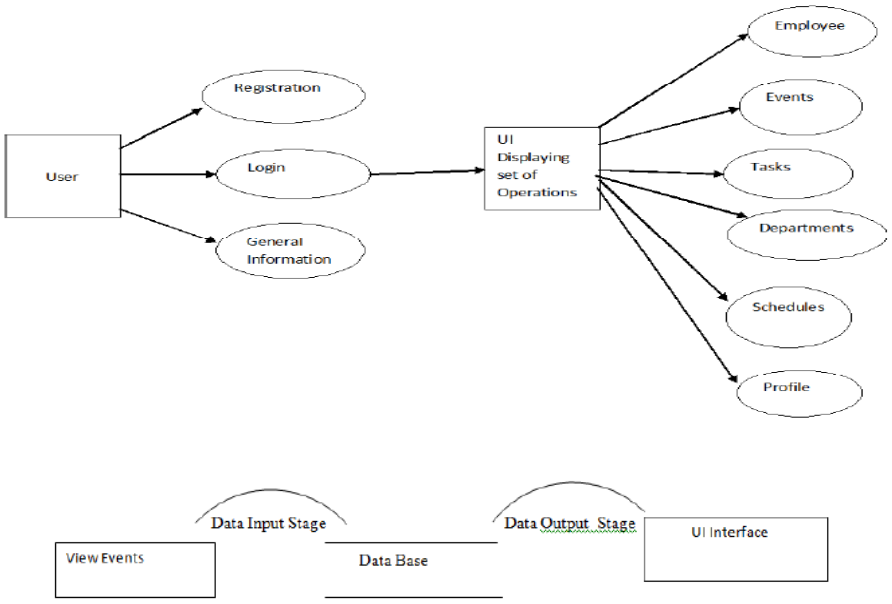


4.8. Deployment Diagram

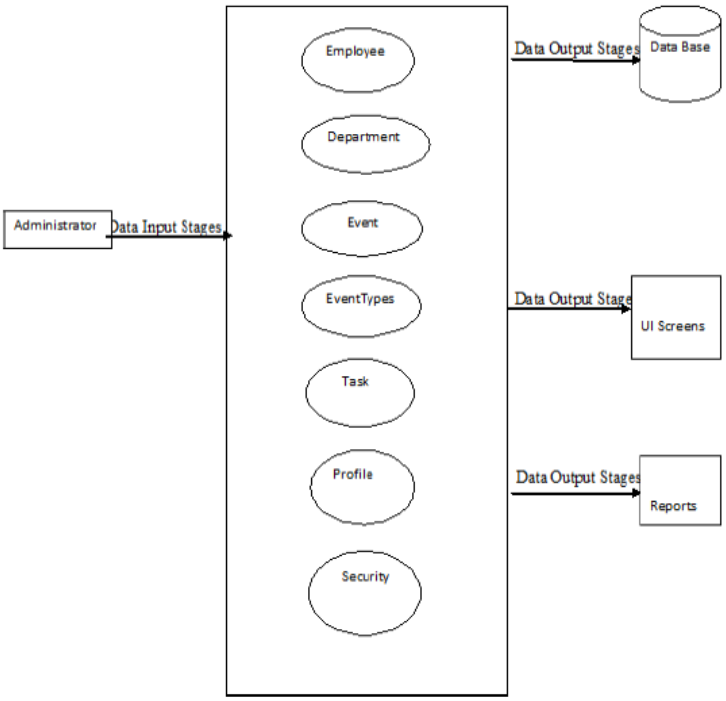


4.9. Data Flow diagram [*structured approach is used - Level 0 and 1*]

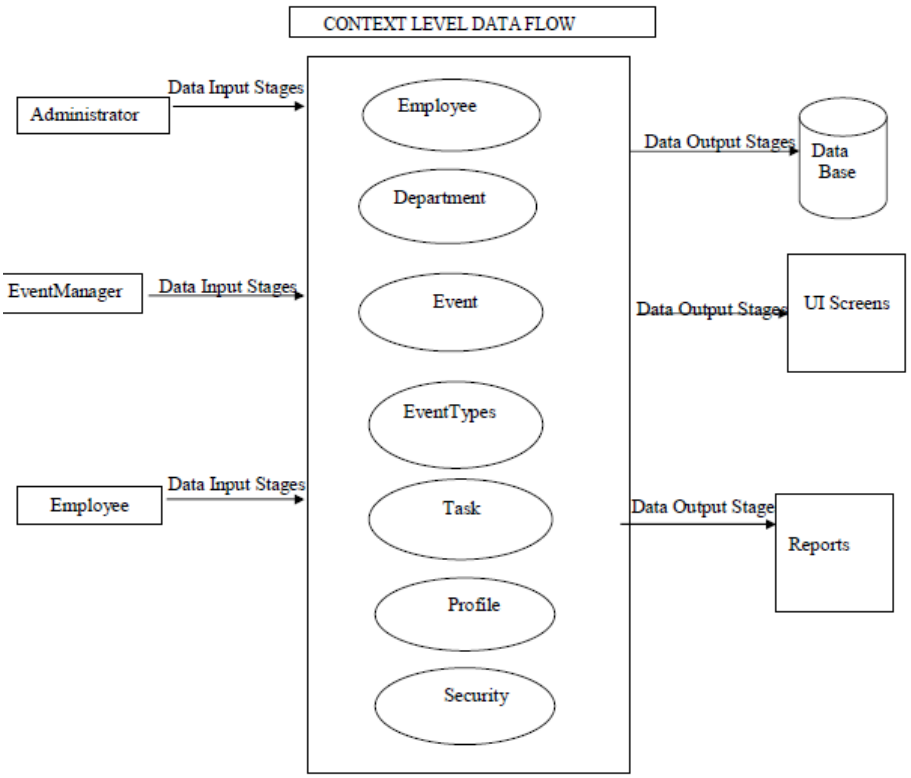
4.11.1: DFD 0:



4.11.2 DFD 1:



4.11.3 DFD 2


CONTEXT LEVEL DATA FLOW
Administrator
Data Input Stages
EventManager
Data Input Stages
Employee
Data Input Stages
Employee
Department
Event
EventTypes
Task
Profile
Security
Data Output Stages
Data Base
Data Output Stages
UI Screens
Data Output Stage
Reports

Chapter 5

Implementation

Chapter 5: Implementation

In this chapter, we explain about our application's important flows, components, libraries and about the deployment environment and also about the tool and techniques that are used to design this application.

5.1. Important Flow Control/Pseudo codes

User is compulsory to sign up and login account to access the system. The actor that communicates with system is user, administrator, and manager. Firstly, user add update. The manager can add manages events types. The manager can record the daily base of a registered users and events.

5.2. Components, Libraries, Web Services and stubs

- **Libraries:** Net Framework, Laravell dependencies
- **Web services:** Location
- **Components:** Notification alters

5.3. Deployment Environment

- Programming Language: Java
- Front End: XML, Laravell dependencies, JavaScript
- Database: My SQL

5.4. Tools and Techniques

- **Tools**: Android studio, visual studio
- **Front End:** JavaScript, JQuery, XML, Laravell dependencies
- **Hardware:** 1GM RAM, Android
- **Database:** My SQL

5.5. Best Practices / Coding Standards

- Naming Scheme.
- Avoid Deep Nesting
- Limit Line length
- Files and Folder Organizations
- Capitalize SQL
- Object Oriented Approach.
- Code Refactoring

5.6. Version Control

1.0 completed

Chapter 6

Testing and Evaluation

Testing and Evaluation

The code for our system has been written completely using JAVA as the coding language and Android Studio as the interface. This system has been tested well with the help of the users and complete application is verified. It provide us a way to check the proper functionalities of components, sub-assemblies, and/or a finished product.

6.1. Use Case Testing

Test Case 1:

Test Case id:	Test Scenario	Test steps	Test data	Expected results	Actual results	Pass/Fails
TCID 1	Check costumer login with valid data	1. Go to site 2. Enter user iD 3. Enter user password 4. Check submit	Zahid123@gmail.com Password:123456789	User should login ito application	As Expected	Pass

Test Case 2:

Test Case id:	Test Scenario	Test steps	Test data	Expected results	Actual results	Pass/Fails
TCID 2	Check Costumer login with invalid data	1. Go to site 2. Enter user iD 3. Enter user password 4. Check submit	User ID: user Password: user124	User should not login into application	As Expected	Pass

Test Case 3:

Test Case id:	Test Scenario	Test steps	Test data	Expected results	Actual results	Pass/ Fails
TCID4	Test the Submit button.	1. Go to site 2. Navigate to login/signup-page. 3. Fill the form according to the format. 4. Click submit.	Name: Zahid Email:zahid1300@gmail.com Password: 345yt	The user can make new acc on this web application	As expect	Pass

Test Case 4:

Test Case id:	Test Scenario	Test steps	Test data	Expected results	Actual results	Pass/Fails
TCID5	To view the timing slots of venue.	1. Go to site 2. Click on Event 3. Check timing slots		User can see the timing slots of venue.	As expected	Pass

Test Case 5:

Test case id:	Test Scenario:	Test Steps:	Expected results:	Actual results:	Pass/Fail
TCID6	To view the packages venue.	1. Go to site 2. Click on Events 3. Check packages	User can see packages of entire venue/hall.	As expected	Pass

6.2. Equivalence partitioning

In the events where one circumstance works accurately, we can essentially expect that others are right as well. We don't need to test everything.

Testing of Mobile Number:

Valid	Invalid	Invalid
923065323688	92306532368	9203065323688

Valid input: 12 digits

Invalid Input: 11 digits, 13 digits

Testing of Email Address:

Valid	Invalid	Invalid
User@gmail.com	usergmail.com	user.com

6.3. Boundary value analysis

Testing on Password Text field:

Name should be in between 8-12 characters.

Valid	Invalid	Invalid
user@gmail.com	user@	user@123456789

6.4. Data flow testing

We tested all the relationships between different entities and variables. There is no conflict against any initialized variable in code.

6.5. Unit testing

Test Case1: Login

Sl No. of test case : Login	**1**
Name of test :	login test
Sample Input :	Click on login that runs admin.jsp
Expected output :	login GUI should display
Actual output :	login GUI displayed as expected
Remarks :	Test Successful

Test Case2: Event Check

Sl No. of test case : Events check	**1**
Name of test :	Check a Event page test case
Sample Input :	Clicking the Check Event page that run
Expected output :	All Event details are viewed.
Actual output :	All Event details are viewed.
Remarks :	Test case successful

6.6. Integration testing

We designed overall user interface structure for Event Door, and made a significant progress. The objective is to take unit tested modules and build a program structure. Our project remains the same where we design a user-friendly interface with authentication and verification algorithms for a secure IT based environment. Thus, in the integration testing, all the uncovered errors are corrected for the next testing steps.

6.7. Performance testing

Our application's performance like its response time, reliability, resource usage and scalability was good.

Performance Test Cases:

- Verify response time is not more than 4 secs when 5 users access the Application
- Verify response time of the Application Under Load is within an acceptable range when the Network Connectivity is slow.
- Check database execution time when 50 records are read/written simultaneously.
- Verify response time of the application under low, normal, moderate and heavy Load Conditions.

6.8. Stress Testing

We did testing with 10 users and the performance was very good. It didn't stuck at any place and app was found more responsive. There was no error occurred during the whole testing under all situations.

Chapter 7

Summary, Conclusion and Future Enhancements

Summary, Conclusion & Future Enhancements

7.1. Project Summary

Event Door is an online software project that serves the functionality of an event management and design for those who face difficulty to manage their events. The project provides most of the basic functionality required for an event. It allows the user to select from a list of event types. Once the user enters an event type e.g (Marriage, birthday party etc), then system allows the user to select the date and time of event, place and the event equipment's. All data is logged in database and the user will get a receipt number for his booking. This data is then sent to the administrator (website owner) and they may interact with the client as per the requirements and contact data stored in the database.

7.2. Achievements and Improvements

One of our greatest achievements is that we deal with all customer requirements through an online platform, without wasting customer precious time and fulfilling their requirements as they move forward with deal. We provide a solution for this problem according to the need of customers.

- Secure record and payments
- Efficient and Reliable
- Easy to access
- User friendly

7.3. Lessons Learnt

We learned that Time Management decide the success and failure of the project, so it is necessary to do the tasks on the schedule time otherwise it will create burden and may lead the work towards failure. The whole process was a huge learning process for us.

When we started the Final Year Project we only had the deadline in mind. Perhaps, a schedule would have made it easier to divide our time to the different aspects of the process. Furthermore, in the beginning it was hard to realize the overall size of the work.

7.4. Future Enhancements/Recommendations

We are motivated in summarizing the future scope of the project circles, that falls around maintaining information regarding:

- Add advance software for event management system including more facilities.
- We will host the platform on online servers to make it easily accessible on large scale.

- Create the master and slave database structure to reduce the overload of the database queries.
- Implementing the backup mechanism for taking backup on codebase and database on regular basis on different servers

The above mentioned points are the enhancements which can be done to increase applicability and usage of the project.

Here we can maintain the records of event and booking. Also it can be seen that now a days the players are versatile. So there is a scope for introducing a method to maintain the event management system. Enhancement can be done to maintain every event, booking, customer, employee, and inquiry.

Appendices

Appendix A: User Manual

One should have the knowledge about the Web Technologies, MySQL Database and Mobile Application Development (Android studio) before developing this Android application.
This appendix will describe the related functionalities and user interface as well.

Appendix A: Event Door (Sab ho Jaye Ga)

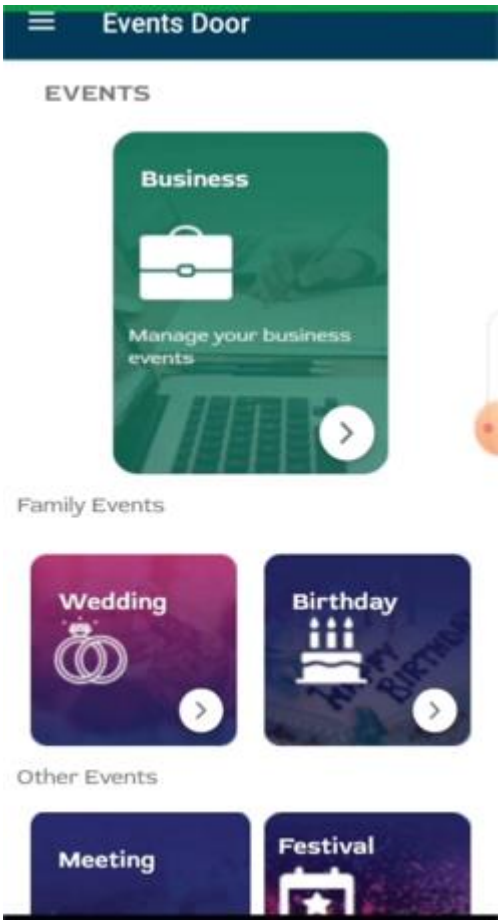
A.1.Login

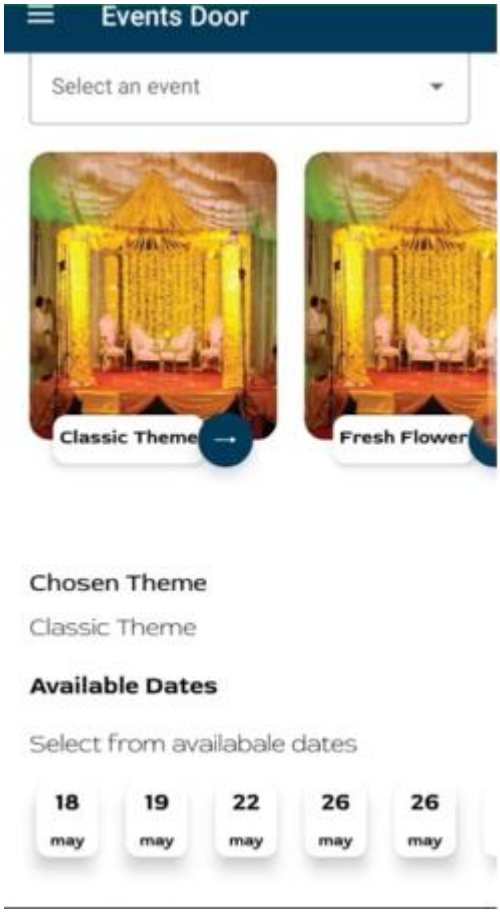
Splash Screen

Login

A.2.Home Screen

User access and check the desired event, after which proceed to check further.

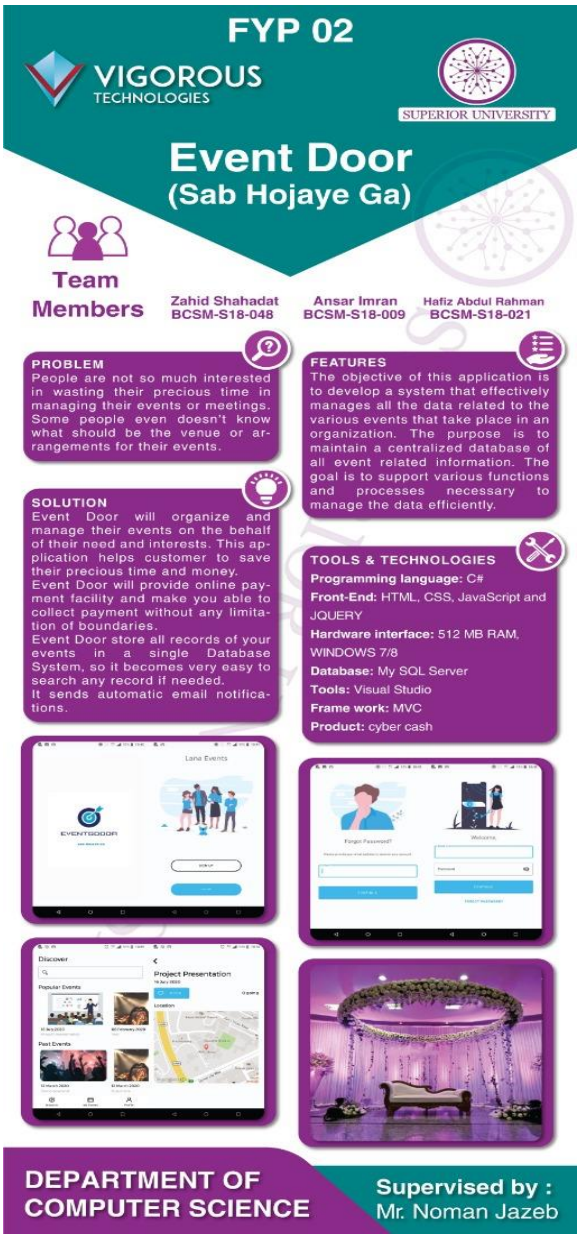




Appendix C: Information / Promotional Material

This appendix includes all the information regarding marketing and promotions of project.

Standee:



Reference and Bibliography

Reference and Bibliography

1. https://www.scribd.com/document/342098952/Synopsis-of-Event-Management-System
2. https://solutiondots.com/blog/event-management-systemcomprehensive-solution-events-management.html
3. http://www.academia.edu/4593395/Project_Report_On_Event_management
4. Curran, T.A., Keller, G., Ladd, A.: SAP R/3 business blueprint: Understanding the business process reference model. Prentice-Hall, Englewood Cliffs (1998)
5. Erber, S.: Eventmarketing: Erlebnisstrategien für Marken, 3rd edn. Moderne Industrie, Redline Wirtschaft bei Verl (2002)Google Scholar
6. Fettke, P., Loos, P.: Classification of Reference Models – A Methodology and its Application. Information Systems and e-Business Management 1, 35–53 (2003)
7. Getz, D.: Event Management & Event Tourism. In: Cogn. Comm. Corp., New York (1997)Google Scholar
8. Goldblatt, J.J.: A future for Event Management: The analysis of major trends impacting the emerging profession. In: Allen, J., Harris, R., Jago, L.K., Veal, A.J. (eds.) Events beyond 2000. Proceedings of Conference on Event Evaluation, Research and Education, Australian Centre for Event Management, Sydney, pp. 1–9 (2000)
9. Hede, A.-M., Jago, L.K., Deery, M.: Special Event Research 1990–2001: Key Trends and Issues. In: Australian Center for Event Management (ed.) Events & Place Making: Event Research Conference, Sydney. UTS, July 15–16, 2002, pp. 305–338 (2002)Google Scholar
10. Holzbaur, U., et al.: Eventmanagement: Veranstaltungen professionell zum Erfolg führen, 2nd edn. Springer, Heidelberg (2003)
11. Allen, J. (2009) *Event planning: the ultimate guide to successful meetings, corporate events, fund-raising galas, conferences, conventions, incentives and other special events*. 2nd ed. Mississauga, ON.: Wiley. Available at: https://ebookcentral.proquest.com/lib/tees/detail.action?docID=427674.
12. Berridge, G. (2006) *Events design and experience*. Oxford: Butterworth-Heinemann.

13. Bowdin, G. A. J. (2011) *Events management*. 3rd ed. London: Butterworth-Heinemann.
14. Columbus, G. and Goldblatt, J. J. (2010) *The complete guide to careers in special events: step toward success!* New York: Wiley.
15. Davidson, R. and Rogers, T. (2015) *Marketing destinations and venues for conferences, conventions and business events: a convention and event perspective*. Oxford: Butterworth-Heinemann.
16. Yeoman, I. (2011) *Festival and events management: an international arts and culture perspective*. Amsterdam: Elsevier Butterworth-Heinemann. Available at: https://ebookcentral.proquest.com/lib/tees/detail.action?docID=294126.
17. Routledge - London ; New York, NY **In-text:** (Bladen, Kennell, Abson and Wilde, 2012) **Your Bibliography:** Bladen, C., Kennell, J., Abson, E. and Wilde, N., 2012. *Events management: an introduction*. 1st ed. London ; New York, NY: Routledge.
18. The international dictionary of event management : over 3500 administration, coordination, marketing, and risk management terms from around the world / Joe Goldblatt, Kathleen S. Nelson, editors.
19. Professional meeting management : comprehensive strategies for meetings, conventions and events / Professional Convention Management Assn. ; executive editor, Glen C. Ramsborg.
20. Planning successful meetings and events [paper, electronic resource] a take-charge assistant book / Ann J. Boehme.

Other References

- http://www.w3schools.com/
- www.wikipedia.com
- www.google.com
- www.eventmanagement.org
- http://stackoverflow.com/
- https://www.tutorialspoint.com/web_development_tutorials.htm
- http://github.com/