BookMyEvent

A Project Report

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in partial fulfillment for the award of the degree

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SIKSHA 'O' ANUSANDHAN DEEMED TO BE UNIVERSITY

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CERTIFICATE

This is to certify that the project report titled **"BookMyEvent"** being submitted by **Subham Raj (1441012216), Raashi Choudhary (1441012052), Nishant Prakash (1441012166), Prateek Jha (1441012211)** of **CSE 'A'** to the **Institute of Technical Education and Research, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar** for the partial fulfillment for the degree of Bachelor of Technology in Computer Science and Engineering is a record of original confide work carried out by them under my/our supervision and guidance. The project work, in my/our opinion, has reached the requisite standard fulfilling the requirements for the degree of Bachelor of Technology.

The results contained in this thesis have not been submitted in part or full to any other University

or Institute for the award of any degree or diploma.

Prof. Dr. Srikanta Patnaik

Department of Computer Science and Information Technology

ITER, SOA Deemed to be University

ACKNOWLEDGEMENT

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely privileged to have got this all along the completion of my project. All that I have done is only due to such supervision and assistance and I would not forget to thank them. I respect and thank **Prof. Dr. Srikanta Patnaik**, for providing me an opportunity to do the project on **BookMyEvent** and giving us all support and guidance which made me complete the project duly. I owe my deep gratitude to our project guide Mr. Patnaik, who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing a good system.

Also, I am thankful to and fortunate enough to get constant encouragement, support and guidance from all Teaching staffs of Computer Science and Engineering Department which helped us in successfully completing our project work.

Place: **Signature of students**

Date:

DECLARATION

We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Signature of students

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REPORT APPROVAL

This project report entitled " **BookMyEvent** " by Subham Raj (1441012216), Raashi Choudhary (1441012052), Nishant Prakash (1441012166), Prateek Jha (1441012211) is approved for the degree of Bachelor of Technology in Computer Science and Engineering.

Examiners

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ABSTRACT

BookMyEvent is a website developed to view and book events in the vicinity. It has been implemented elsewhere (BookMyShow) but there are extra implementations on the website. There is an option provided for pay at gate for the user, which is not provided in other applications. At present, the website contains event information based on user's current location (India), but currently we are testing only for Bhubaneswar .When the user is logged in, he/she can view the events and the event details, select and book tickets for particular event. Payment can be done either offline or online. One can either pay by Paytm or the PayAtGate option. Since the working design has not been deployed and the team has been working from scratch so we are not able to provide all the payment options that all the big players in this business are providing.

TABLE OF CONTENTS

1.0   INTRODUCTION

1.1   Problem Definition

BookMyEvent is a website developed to view and book events. The user can view the upcoming events, book tickets if it is available. A detailed description of the event is provided which will help the user to decide whether to go for the event or not.

1.2   Problem specification

The main purpose of the website is to help the user know the upcoming events in the city, with the detailed information for every event. One will not miss an event if he/she knows the details of an event. Also, there will be no need to worry for booking tickets for the events.

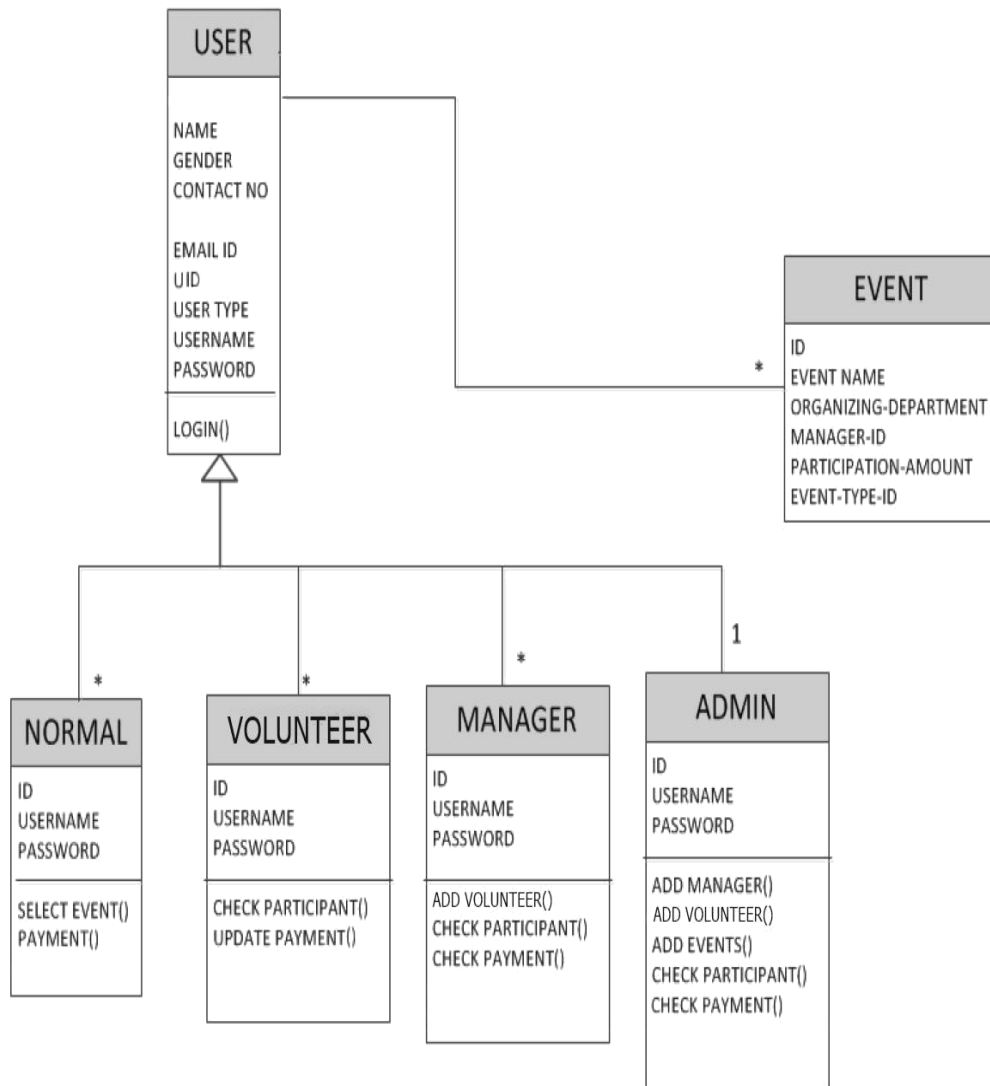## 1.3   Hardware Specification

- Client
- Internet connection

1.4   Software Specification

- Google chrome version 4.0 and higher
- Firefox version 4.0 and higher
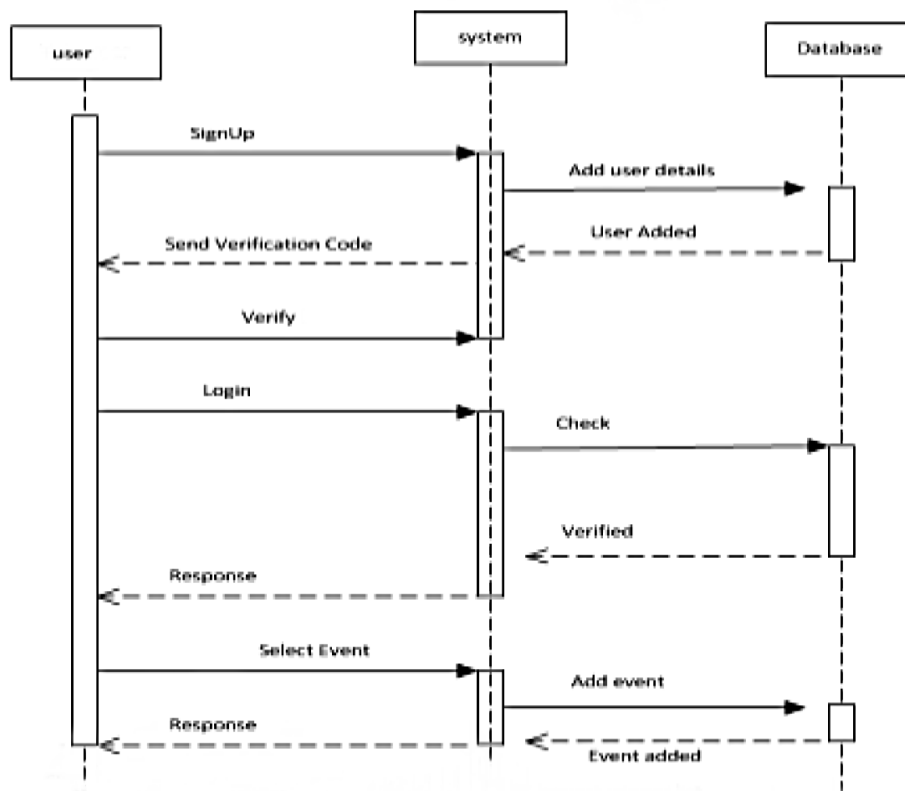- Opera, Safari and other clients

2.0 LITERATURE SURVEY

2.1 Existing System

 BookMyShow is an online movie & event's ticketing brand. The website caters to ticket sales for movies, plays, concerts and sporting events via the online platform. Apart from being an online ticketing portal, BookMyShow also offers information about upcoming movies and events, show timings, venue details and artist bios. User-generated movie reviews and ratings as a service have also started with the focus on content.
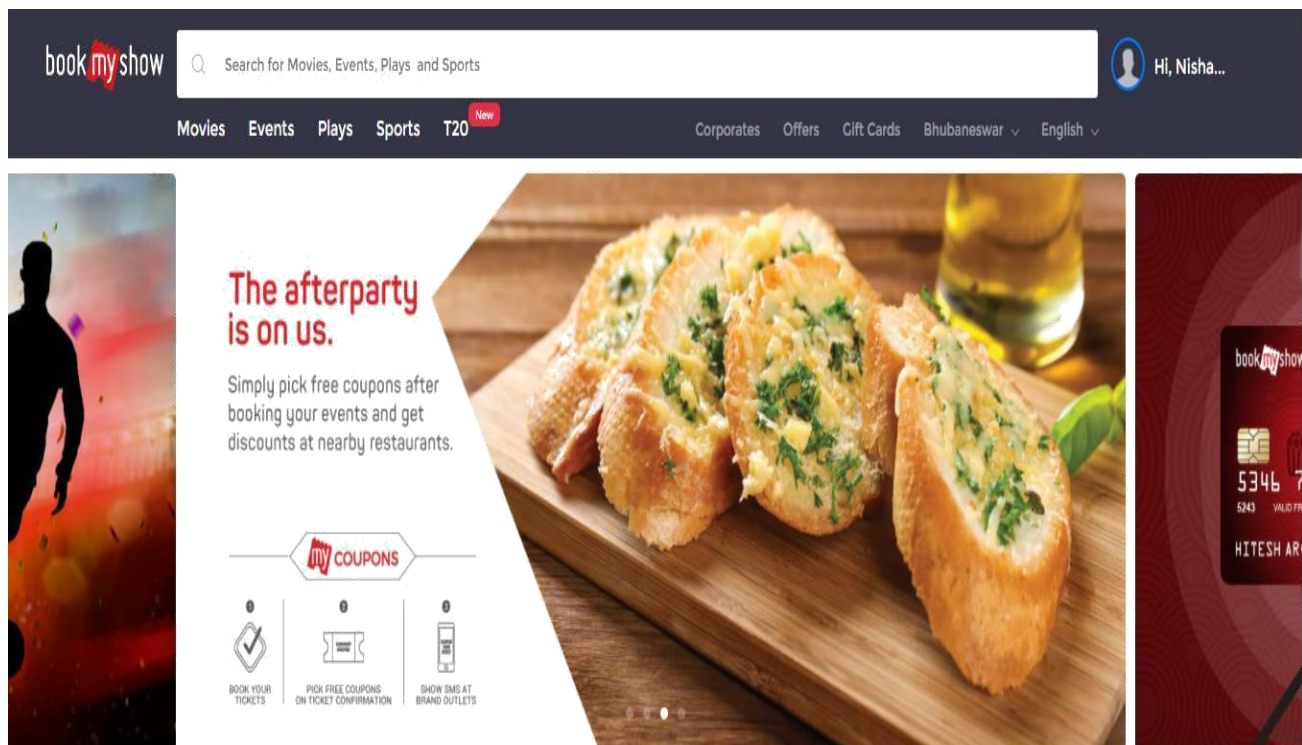
2.2 Proposed System

BookMyEvent is a website which provides information about the upcoming events in the city along with ticket booking for the event. There is an additional feature called the PayAtGate facility where the user can pay for the tickets on the spot.

2.3 Feasibility Study

- The site currently works for Bhubaneswar only
- We list all the events which satisfy all our terms and conditions.
- Currently, we did not add any payment options since we are testing the payment APIs.

3.0 SYSTEM ANALYSIS AND DESIGN

3.1 Requirement Specification

- Client
- Internet connection
- Google chrome version 4.0 and higher
- Firefox version 4.0 and higher
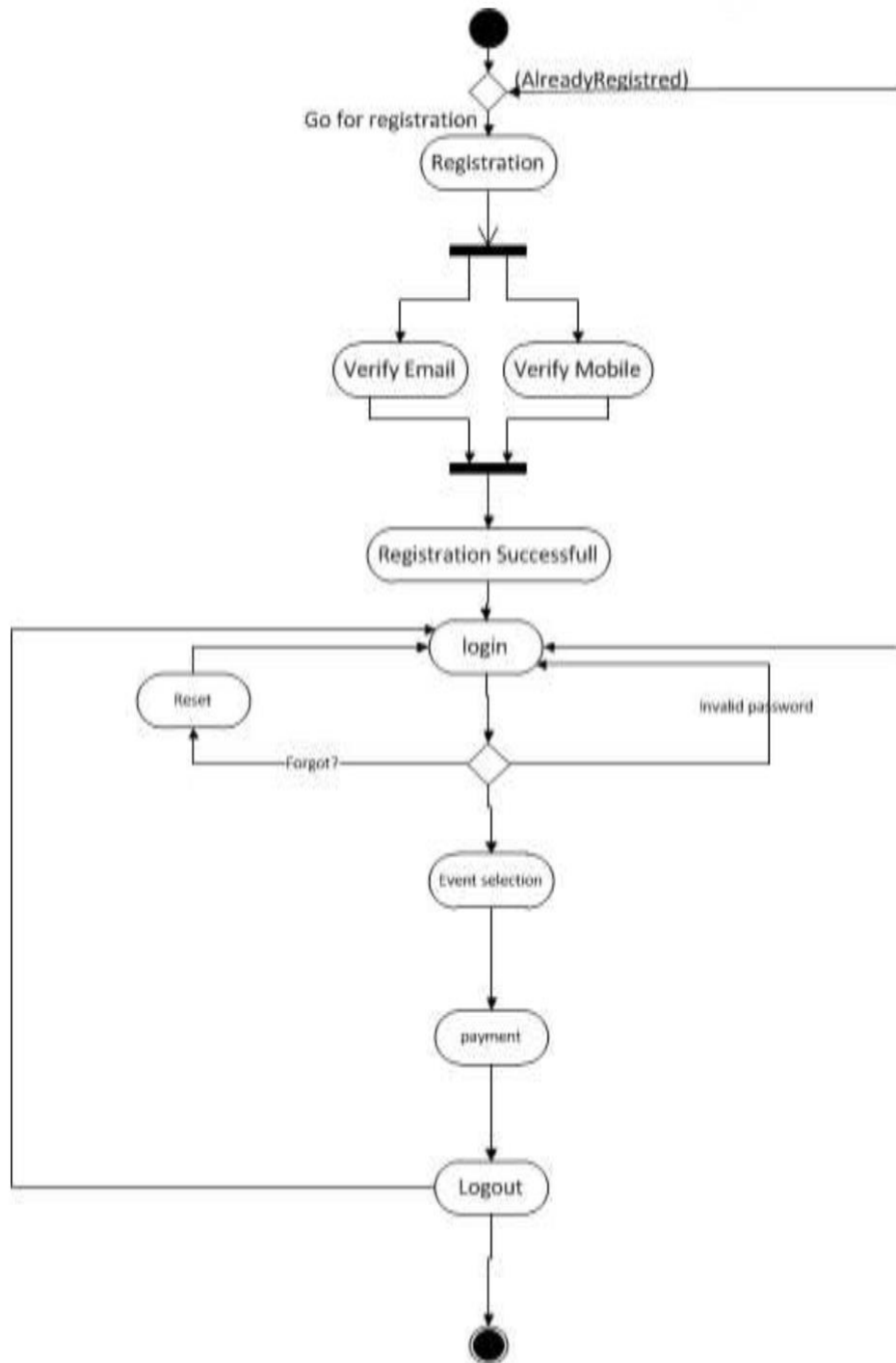- Opera, Safari and other clients

3.2 Flowcharts / UML Diagrams / ERDs

FLOWCHART

CLASS DIAGRAM

USER

NAME
GENDER
CONTACT NO

EMAIL ID
U ID
USER TYPE
USERNAME
PASSWORD

LOGIN()

EVENT

ID
EVENT NAME
ORGANIZING-DEPARTMENT
MANAGER-ID
PARTICIPATION-AMOUNT
EVENT-TYPE-ID

*

NORMAL

ID
USERNAME
PASSWORD

SELECT EVENT()
PAYMENT()

*

VOLUNTEER

ID
USERNAME
PASSWORD

CHECK PARTICIPANT()
UPDATE PAYMENT()

*

MANAGER

ID
USERNAME
PASSWORD

ADD VOLUNTEER()
CHECK PARTICIPANT()
CHECK PAYMENT()

*

ADMIN

ID
USERNAME
PASSWORD

ADD MANAGER()
ADD VOLUNTEER()
ADD EVENTS()
CHECK PARTICIPANT()
CHECK PAYMENT()

1

Sequence Diagram for User

Sequence Diagram for Admin

Admin	System	Database

Login →

Check →

Verified ⇠

Response ⇠

Send Manager Request →

Add Manager →

Update Manager List ⇠

Print Reciept

Remove Manager Request →

Remove Manager →

Manager List Updated ⇠
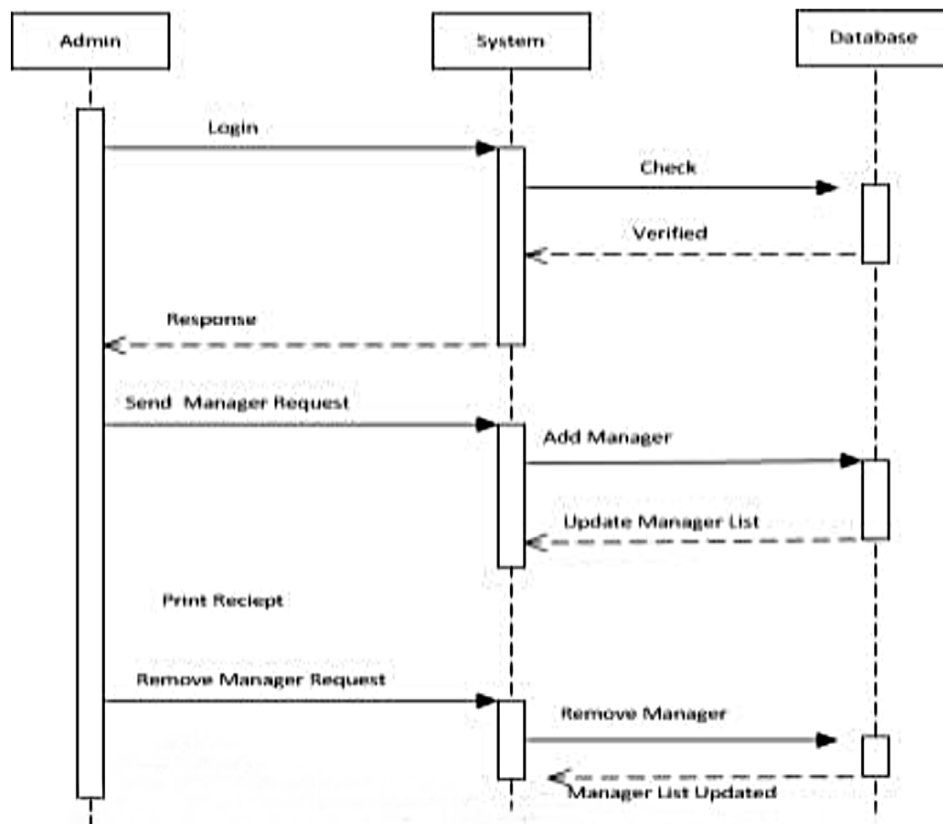
STATE DIAGRAM

Use Case Diagram
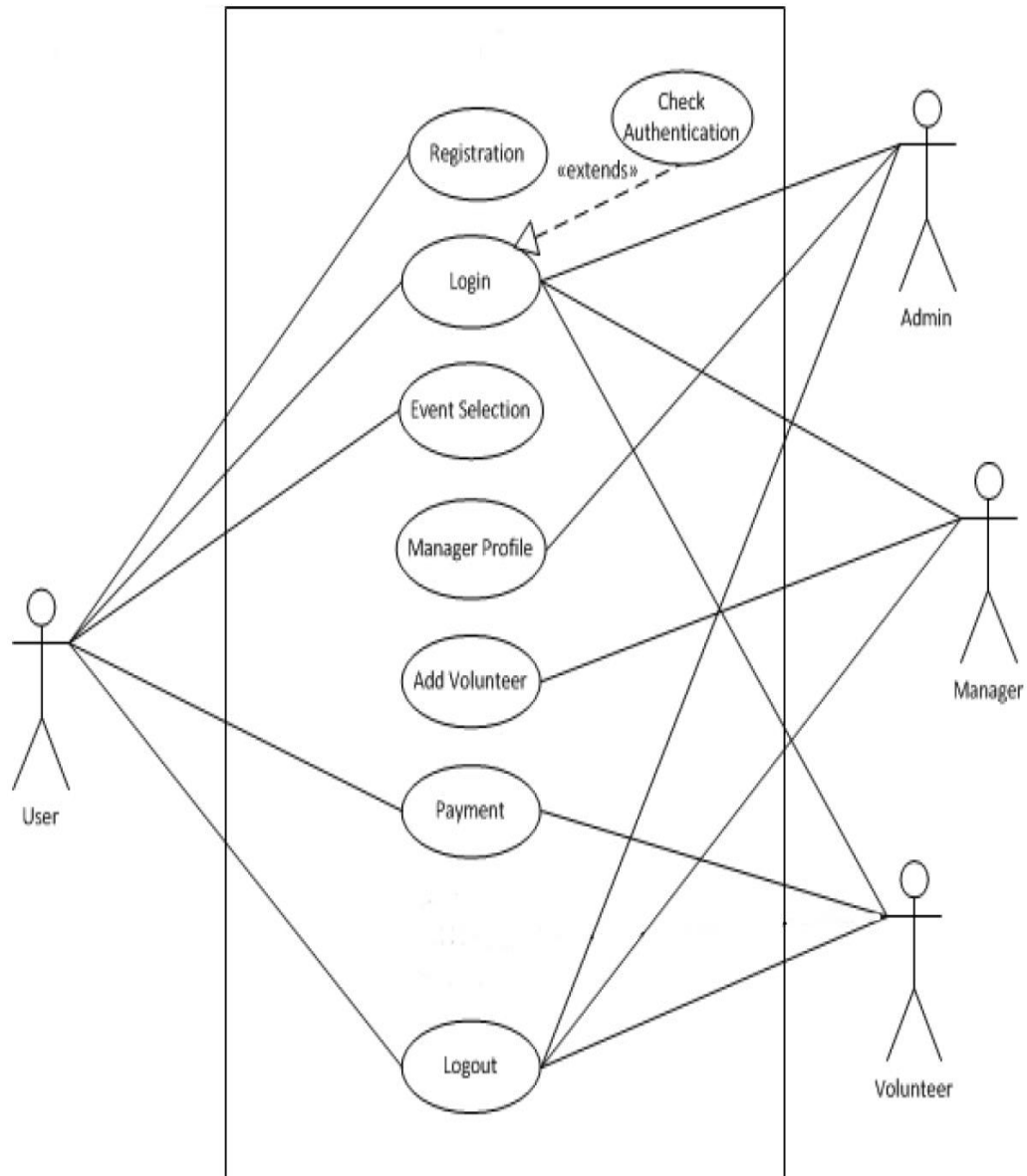
ER DIAGRAM
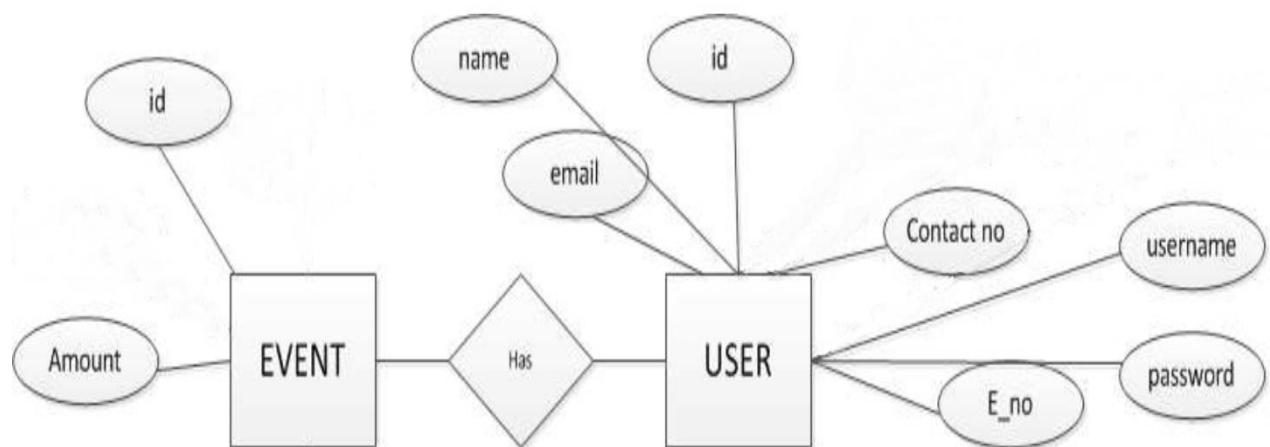
3.3 Design and Test Steps / Criteria
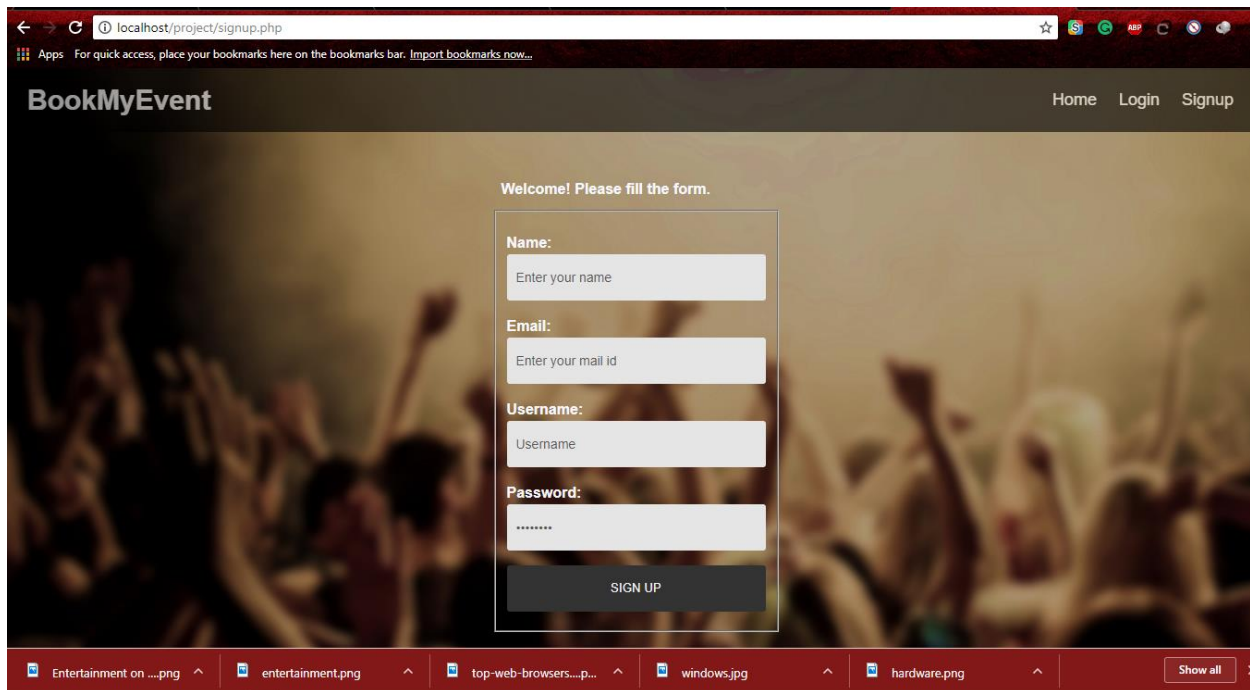
- The user should first register on the website to view an event or book a ticket.
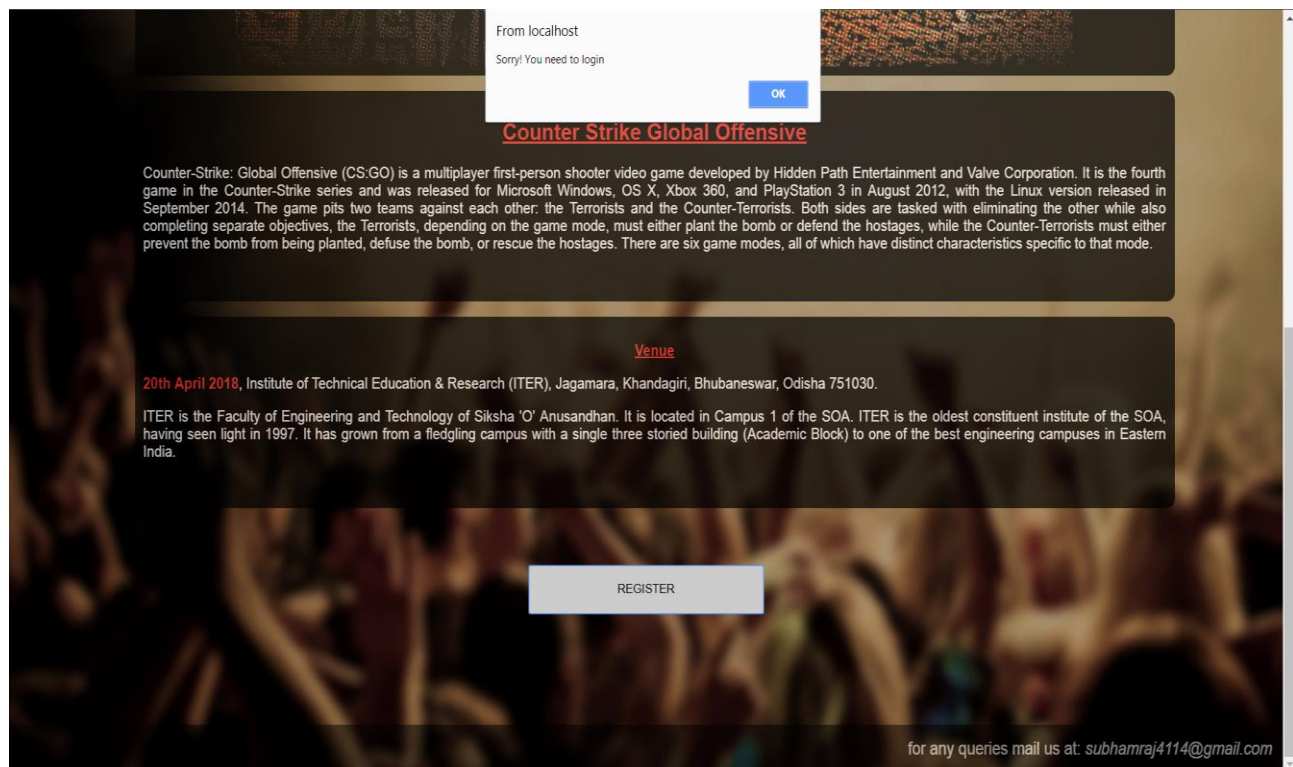
- After successful registering, user should login to access his/her account
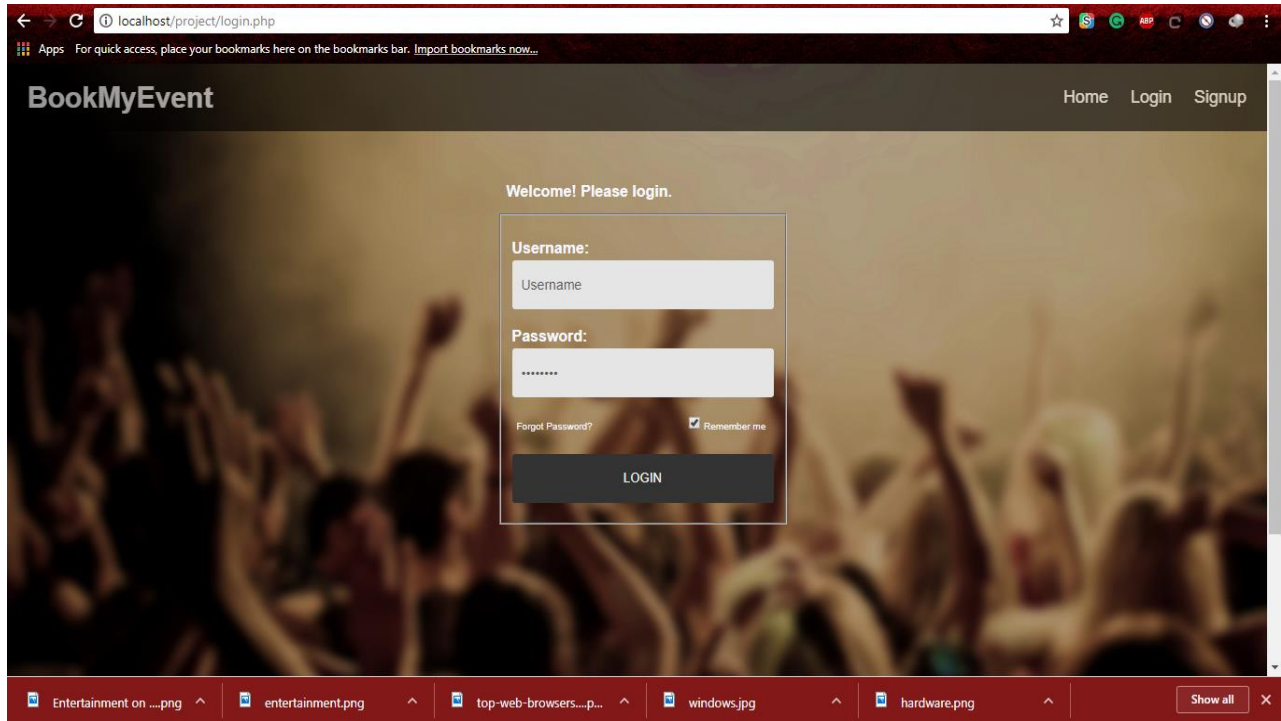
- To register, the user has to fill out all the necessary details in proper fields allotted.

- Select the mode of payment .
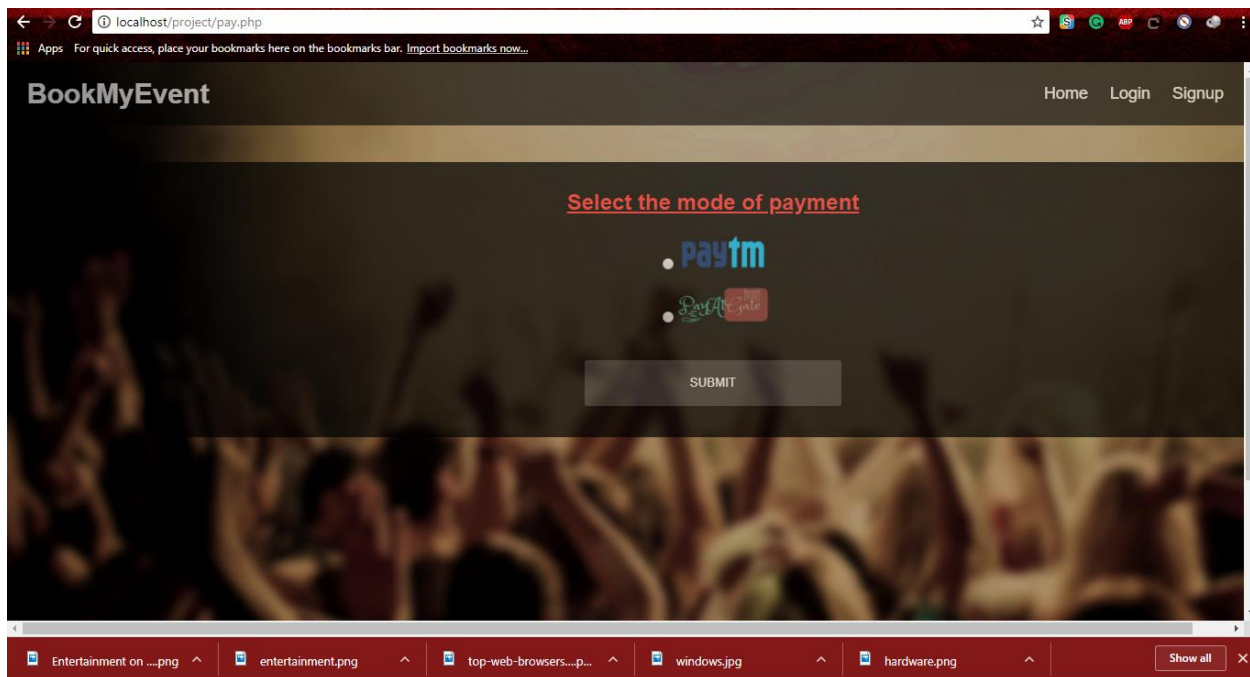
3.4 Testing Process

The website was first tested only with a few users. There were bugs in ticket booking and the payment process which were resolved .Website was tested under different environments and it was working completely fine. If user faces any issues while accessing the website or ticket booking, we have provided our details so that user can reach us .

4.0 RESULTS AND OUTPUTS
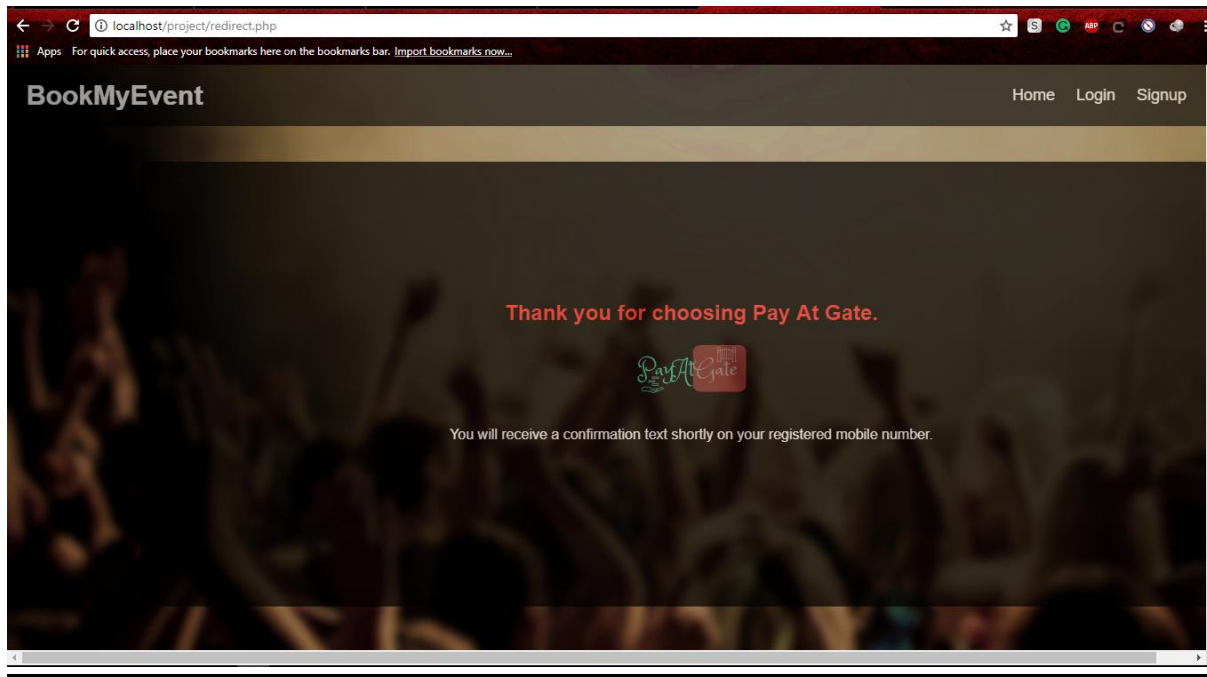
5.0   <u>CONCLUSION</u>

In the end, we simply guarantee you that after using this website the user saves a lot of time and effort in a way by which user does not have to stand in long queues to get their booking. He/she does not have to look for events of interest on different locations and website .One can easily rely upon the website to attend their events at a suitable time. The procedure to book tickets are pretty simple, the website is one-stop solution for one's happiness and we promise to deliver that.

6.0 <u>REFERENCES</u>

www.google.com

www.w3schools.com