Software Requirements Specification

for

Students Event Participations

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

The main purpose of this project is to provide the ease to the staff of our college to find out the student participation in the events . As it is too difficult to find such information , so our project provide the student participation information to the staff or faculty.

1.2 Document Conventions

SEP :- student event participation
SDLC :- System development life cycle

1.3 Intended Audience and Literature Review

In this project there will be two type of audiences :-

1- Student :- the student can view his own details and can also update it.
2- Admin :- admin can be any staff member , the admin have the full access to the student event information but it cannot update the student information.

1.4 Additional Information

This project is dedicated to KIET college.

1.5 Product Scope

The scope of this project is to provide the details of the event participation of events and to mange them. Its objective is to provide the ease to the admin , admin can be a class coordinator or any staff member of college . As it is too difficult to find such information for the coordinators and also to manage it . information can be its college id , roll no , no of events , event name …… .

1.6 References

Student event Participation is **an assessment of a student's performance in a event outside of their assessments**. Items that might be evaluated in student participation are engagement in class discussions, engagement in online discussions and student behaviour in group settings. The our staff find out the student very easy how many event participation.
The student event participation are very useful for social cultural.

The study found five factors that influence students' classroom participation: **linguistic, pedagogical, cognitive, affective, and socio-cultural factors**. These factors were inter-related.

2. Overall Description

2.1 Product Perspective

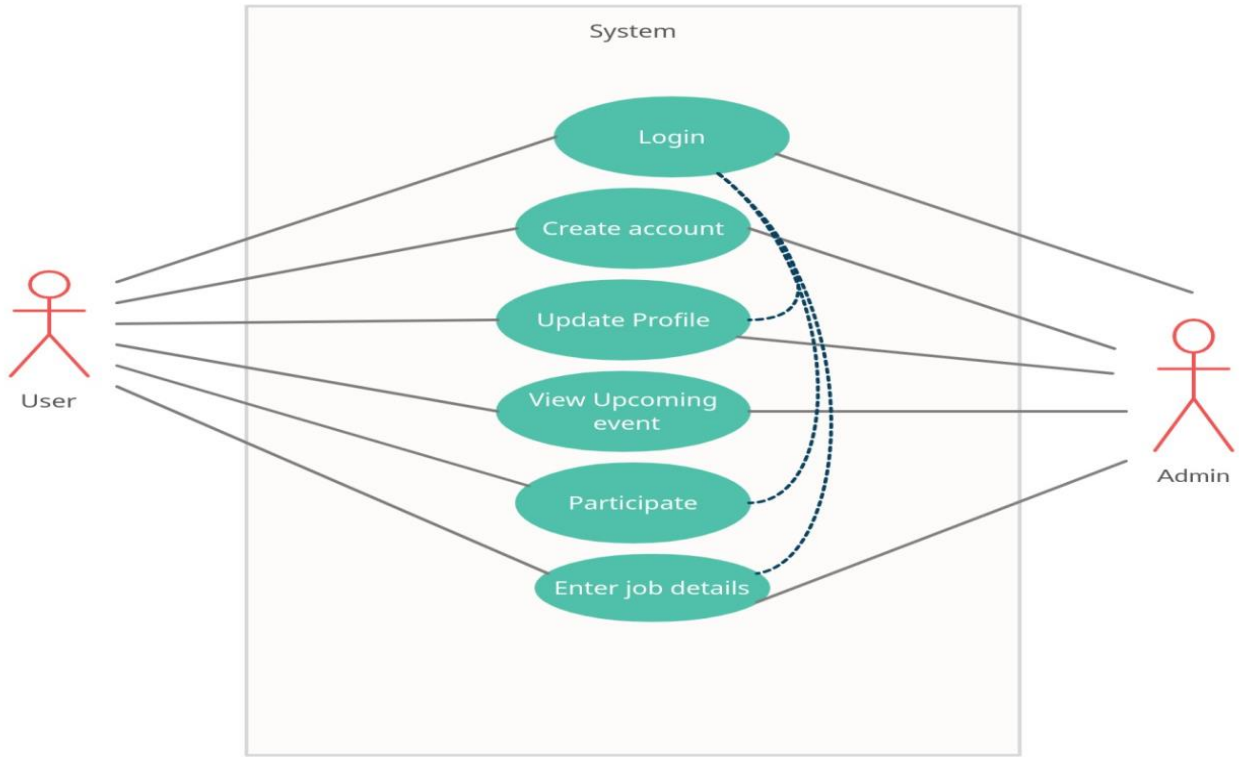
The perspective of this project is to provide the details of the event participation of events and to mange them. Its objective is to provide the ease to the admin , admin can be a class coordinator or any staff member of college . As it is too difficult to find such information for the coordinators and also to manage it . information can be its college id , roll no , no of events , event name …… .

2.2 Product Functions

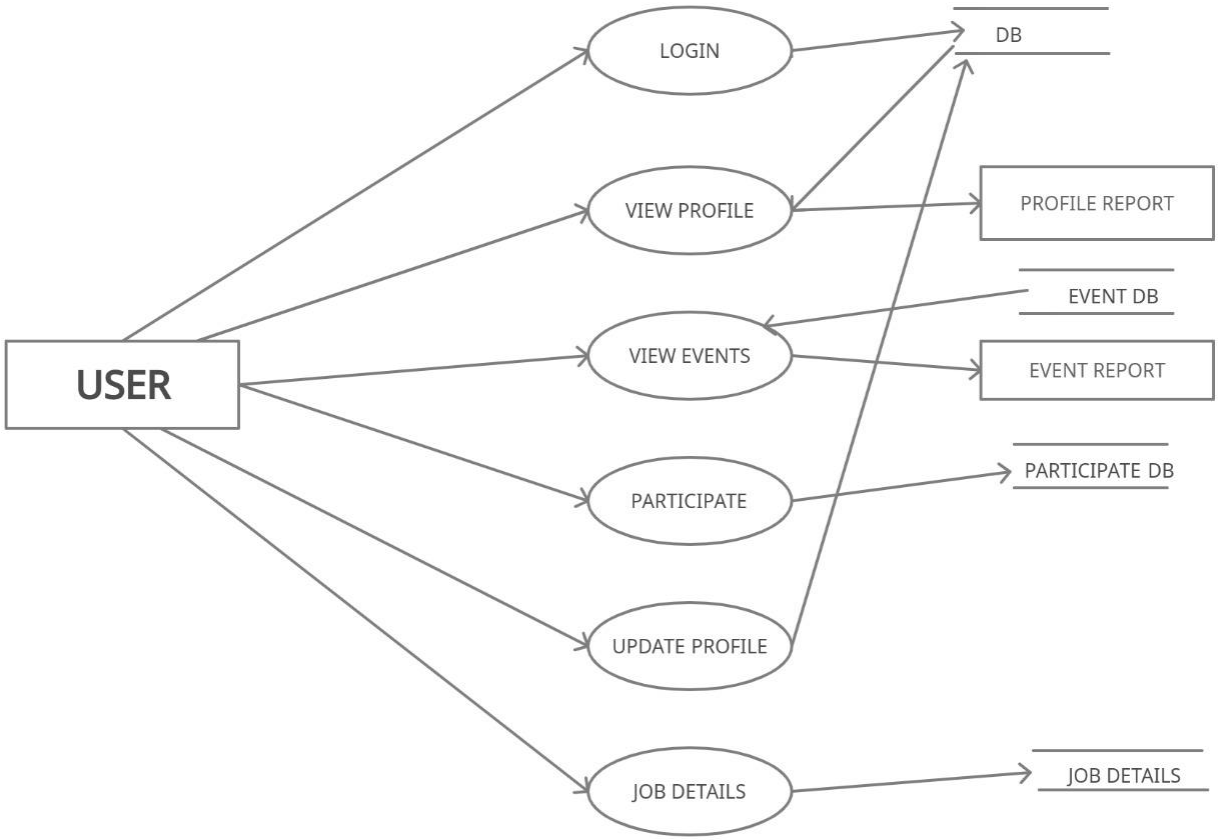
Student :- at first the student will visit our site , afterwards the student will redirected to the signup page , now it will fill the required fields with the correct information , now he will be directed to the login page where login is mandatory , after login he has the access to the site and can provide its event information.

Admin :- as soon as admin visit the site he has to login with the admin login information given by us afterwards he has the full access to the site and can decide who will be the admin and who will be the user.

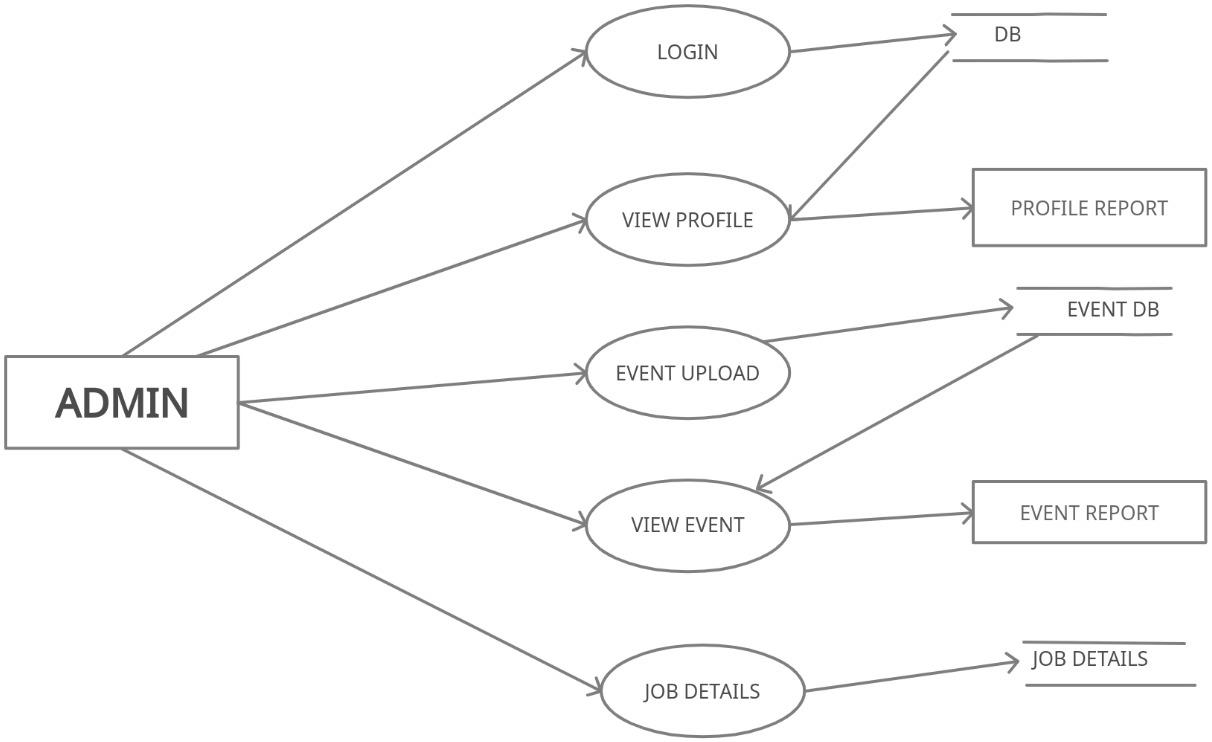
2.3 Use Case



DFD User



DFD Admin



2.3 Operating Environment

Operating environment can be windows , LINUX , UNIX .

2.4 Design and Implementation Constraints

NA

2.5 User Documentation

<List the user documentation components (such as user manuals, on-line help, and tutorials) that will be delivered along with the software. Identify any known user documentation delivery formats or standards.>

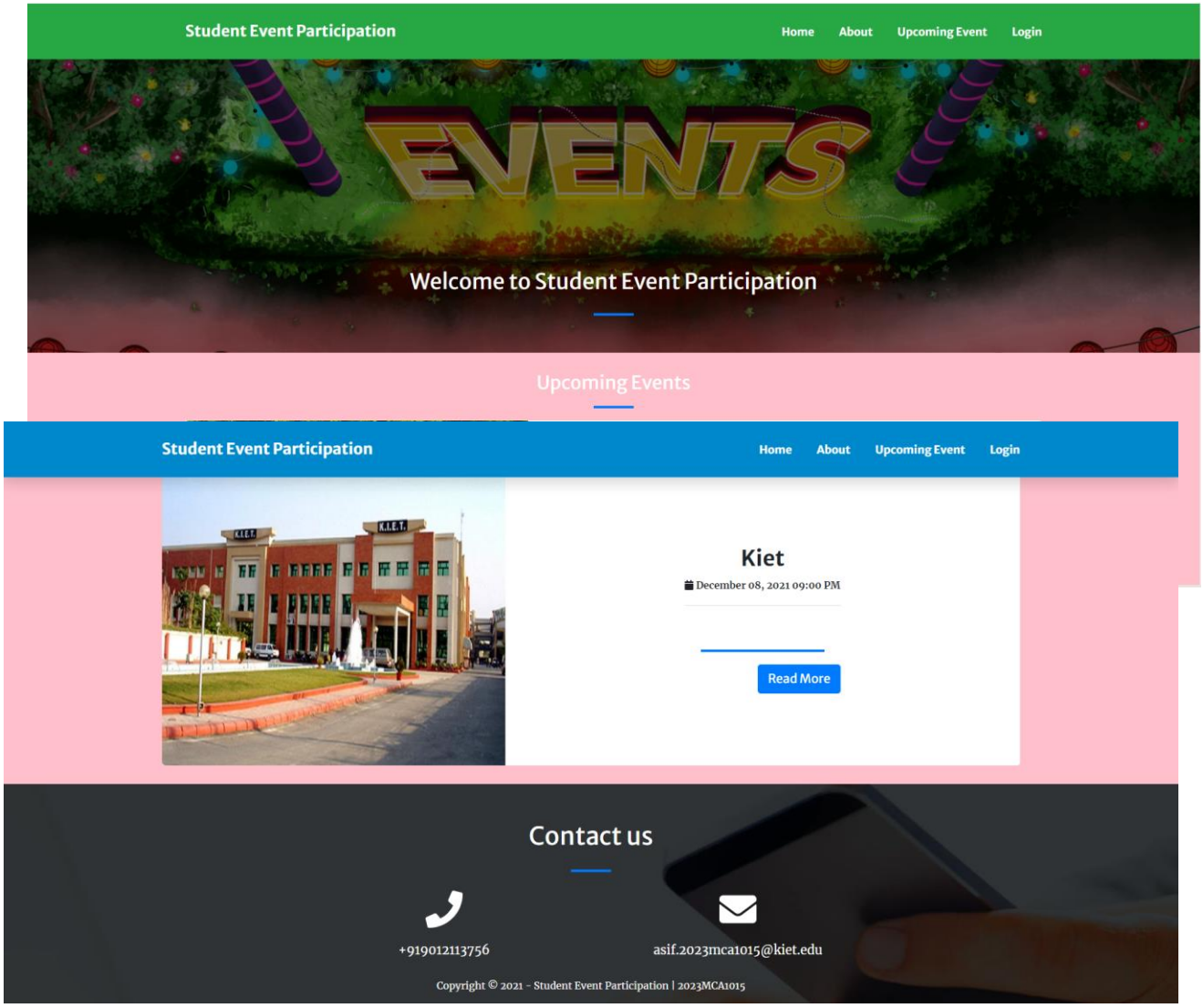
2.6 Assumptions and Dependencies

The student have his login credentials and he knows its information such has in how many events he had participated and is going to participate and his current participation .

The admin have his login id and pass . admin should be known about the event details .

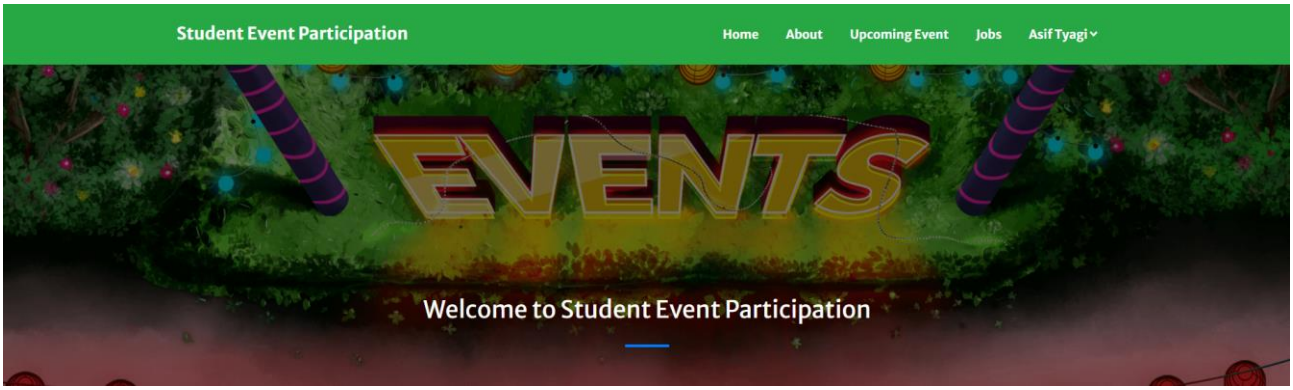
3. External Interface Requirements

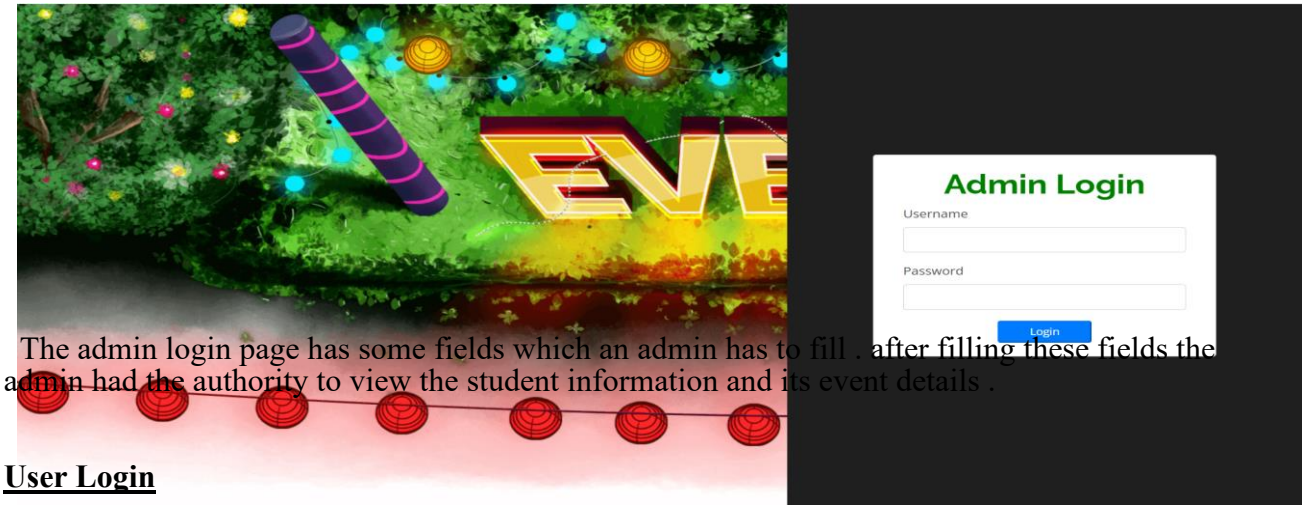
3.1 User Interfaces



This is our main page in which it contains the menu bar :- the menu bar contains following pages
1. Home
2. About
3. Upcoming Event

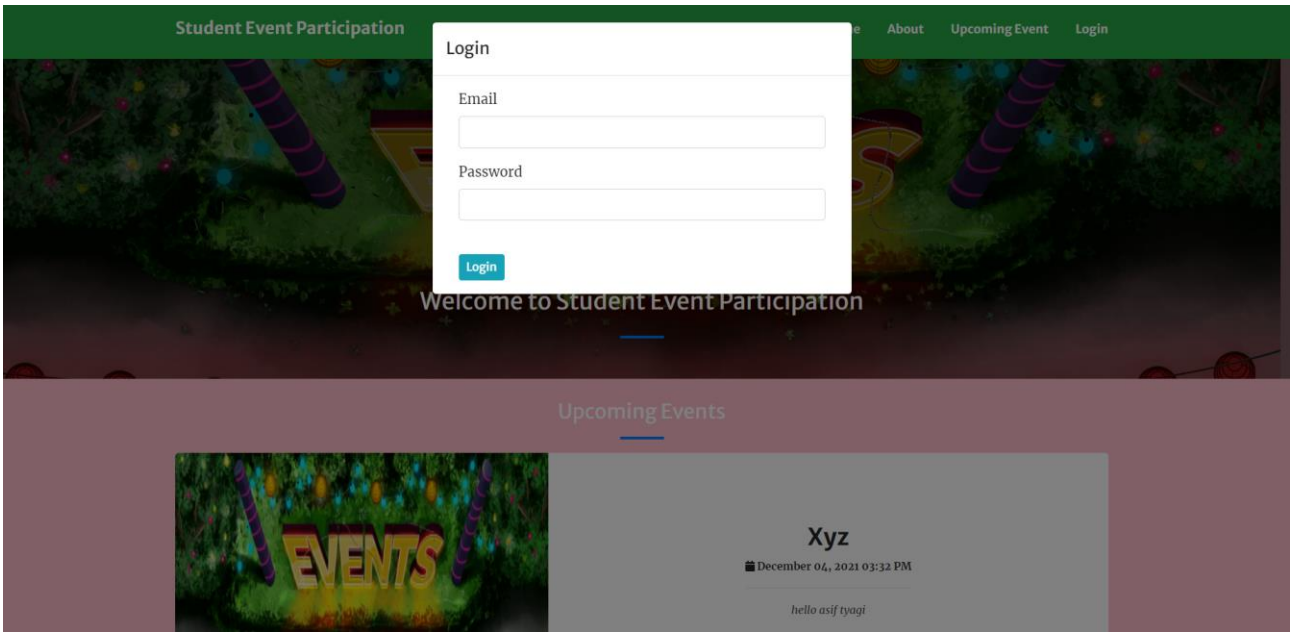
4. Jobs
5. Login





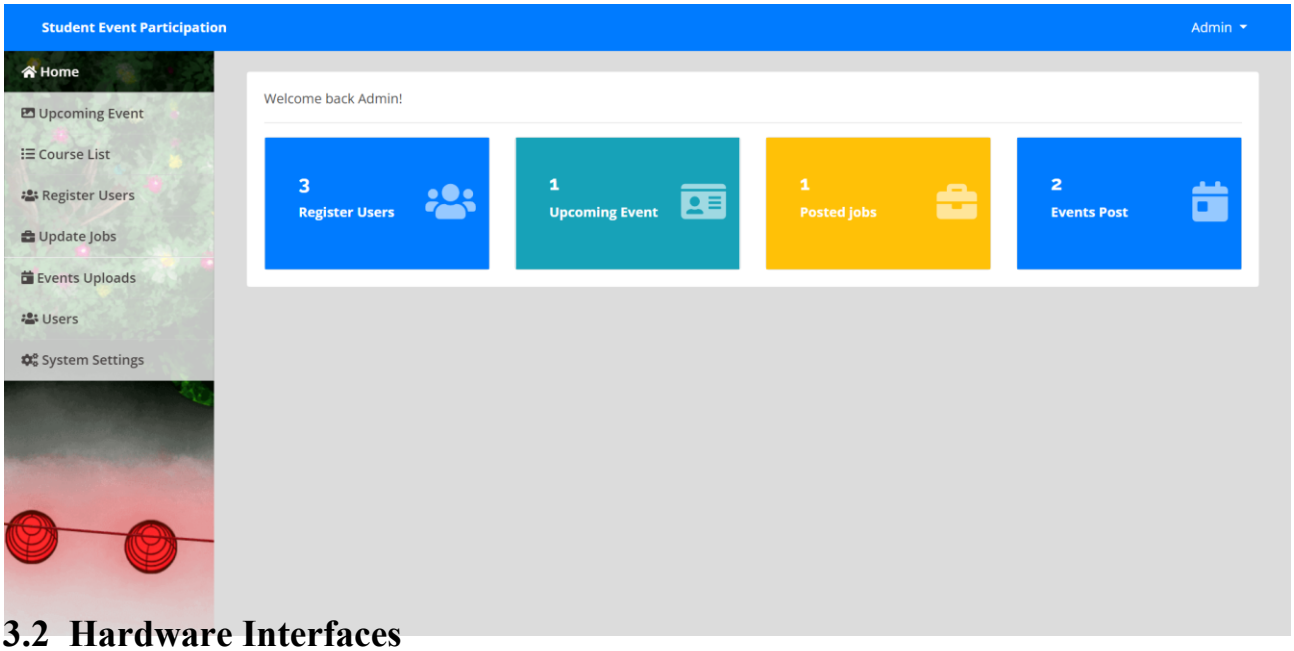
The admin login page has some fields which an admin has to fill . after filling these fields the admin had the authority to view the student information and its event details .

User Login



This page generally is for the students where they have to login before the access to the website where they can insert or update their event details .

Admin Dashboard



3.2 Hardware Interfaces

Intel Duel Core 2.0GHz or Higher Processor
2GB RAM
10 GB HDD Space

3.3 Software Interfaces

XAMPP Server (localhost).
Sublime text editor, Visual Studio text editor.
Browsers – Google Chrome , Mircosoft Edge , Mozilla Firefox etc.

3.4 Communications Interfaces

NA

4. System Features

The system will provide the services such as fetch the data through the student details , fetch the details through the event details .

The technology used in this project is HTML , CSS , JAVASCRIPT , PHP, MySQL .

Technology

Frontend:- HTML , CSS , BOOTSTRAP, JAVASCRIPT, JQUERY

Backend:- PHP

Database:- MySQL

4.1 System Feature 1

4.1.1 Functional Requirements

Our system can retrieve the data , store the data , update the data from the database .

As the admin requested the student information such as the no of events he has participated till date so first of all our system will scan the database whether the data admin is trying to find is in it or not . if the data exists the system will fetch the data from the database otherwise the system will generate an alert " the data not found ".

As from the student perspective if the student try to login with the wrong credentials it will generate an alert that " enter the valid credentials ". if the student tried to signup with the other that KIET id the system will generate an error " please enter an id with the domain as follows '@kiet.edu' ".

5. Other Nonfunctional Requirements

5.1 Performance Requirements

If you want to access the data our system will meet your requirement in before 1 min , if it does not respond please check your internet service.

5.2 Safety Requirements

If you are entering your credentials within the login page , our website promises to keep safe your data within the software team . the data will not get leaked out .

5.3 Security Requirements

You can login to the website with your credentials only and your credentials cannot get leaked . Our site will also suggest whether the password you are entering is a strong password or not .

5.4 Software Quality Attributes

Our website is user friendly as our GUI is quite interactive and runs smoothly . the response time of our site is quite good . the security of our website is very high as we guarantee not to leak out your data with anyone else , you can trust our developer team as this software main purpose is to provide ease and safety to the user and admin both .

6. Other Requirements

The database used in this project is MYSQL , the database name is as follows " EVENT PARTICIPATION " , the tables included in database are :-

7. Appendix A: Glossary

<Define all the terms necessary to properly interpret the SRS, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each SRS.>

Appendix B: Analysis Models

Appendix C: To Be Determined List