Software Requirements Specification

for

University Event and People Management System

Version 2.0

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Group 3

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1. Introduction

The University Event and People Management System is a system which helps the community using it to manage the details of people and event at one place without having a need to do it via a traditional pen and paper method and makes the process easier and convenient without much efforts into the process.

1.1 Problem Address

The purpose of the system is to replace an existing manual/semi automated system with a new and better integrated system . The system is developed to overcome below mentioned problems.

- Secure system
- Easy list making.
- Managing details of people.
- Managing event details.
- Convenience in updating the details.
- Easy reading of people's data.

1.2 Intended Users

- *Intended users*
  - University.
  - Any organization who needs a system which deals with people and event management.
  - Event Manager/Coordinator.

1.3 Project Scope

This system makes it easier for a organization in managing the data when conducting any activities which involves people's details, activity details and more.

2. Overall Description

2.1 Product perspective

The system is designed to overcome the issues faced while arranging an event and informing the intended audience about the same. There isn't any such platform yet where the student can directly get to know all the events being organized by their university/Institute at one place and also having a feature to enroll into them at the very same spot hence this system overcomes that existing problem .

2.2 Product Features

The significant functions performed by the system are as follows.

- Sign in / Register page for entry.

- Adding details of students like
    + Name.
    + Department they belong to.
    + Their Branch.
    + Their IDs.
    + The event they participated in.

- Adding details of event like…
    + Event name.
    + Event registration date.
    + Event date.
    + Event description.
    + Event time.
    + Event coordinator name.

- List of students and events details in form of a table.

- Additional features.
    + Dividing students who participated in event as per their department and further sorted as per theirs ID's .

2.3 Usage by different Users

- *Event coordinator / Event manager or the person who is handling the system*
  They can use the system to fill up the details of events, view all the events lists, view the list of students who participated in the events.

- Students to register for the events.

2.4 Operating Environment

The system will be developed using HTML , CSS , Java Scipt and Firebase for the data storage and its handling .

Server-Minimum Hardware Requirement
- Any basic desktop Computer / Laptop with 4gb RAM working on any OS.

Server-Minimum Software Requirement
- Firebase database and Internet Connectivity.

Client -Minimum Hardware Requirement
- Any basic desktop Computer / Laptop with 4gb RAM working on any OS with internet connectivity .

2.5 User Documentation

System is easy to operate yet a demo training will be provided as and when required for fine usage of the system.

2.6 Assumption and Dependencies

The system has email and password sign in verification process without which the operator may not be able to use the system.
The system will ask for email and password to enter the "Event Manager" section, only with correct email and password the user will be allowed to enter that part of system.

3. System Features

3.1 Web Page 1- Sign in / Register

Description

The first page will be a sign in/Register page in which the System operator has to enter the details to Register into the system.

- Full Name
- Email address
- Password
- Mobile Number
- (Extra demo field)

After successful register the user can login into the system with his email id and password for further access of pages.

Interface-

Stimulus/Response Sequences

The page contains textboxes which can be filled by clicking on them.

On successful login the page will display a pop up stating "User logged in".

Functional Requirements

The system generates error pop-up message in case of unsuccessful login or Registration in the following cases and the user won't be allowed to move on further pages.

- The user need to fill up all the details for successful Registration.
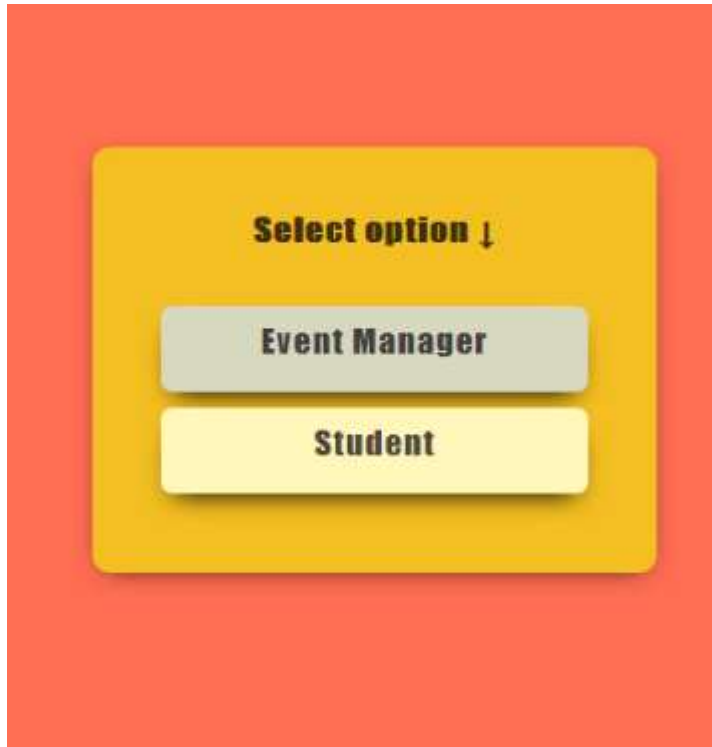- The email or password should be correct for successful Login.

3.2 Web Page 2 – Dividing of Event Manager and Students

Description
This page will contain the buttons naming "Event Manager" and "Students" and the user will be directed to the next page according to the option chosen by them .
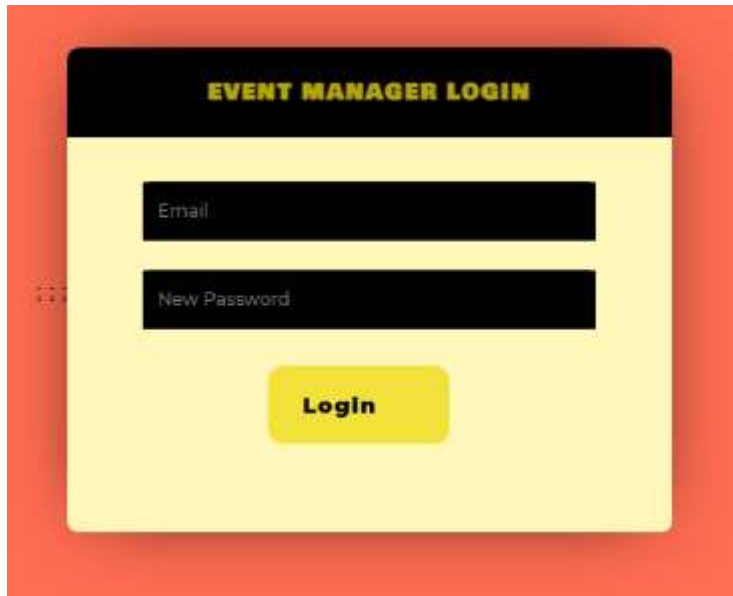
Interface-

Event Manager Section

3.3.1 Web Page 3 – Entry to Event Manager section

The enter to Event Manager section is Email and password protected to keep only the intended users to access it so only with correct email and password the user will be forwarded to the further event manager sub pages.

Stimulus/Response Sequences

The page contains textboxes which can be filled by clicking on them.
On successful login the page will display a pop up stating "User logged in".

Interface-

3.3.2 Web Page 4 – Enter Event details

Description

This page is for the concerted authority who will be responsible for adding up the event details. The user will be directed to this page after successful login in "Event Manager" section option on page 3.

Features

- Add event name.
- Add event registration date.
- Add date of event.
- Add event time.
- Add event coordinator name.
- Add event details.

The page will further display buttons which will be doing following functions

- Add all details
- View specific event details by entering the registration date of event
- Update details of event by entering the registration date of event.
- Deleting event by entering the registration date of event.
- View list of all events with details.
- View list of all the participants.

Stimulus/Response Sequences

The page contains textboxes which can be filled by clicking on them.

On successful adding of details the page will display a popup stating "Data stored successfully"

In case of entering a data to view the details of event don't exist, the page will display a popup message stating "No data found".

The respective popup messages about data updation and deletion will also be displayed.

In case of unsuccessful data storage or some error the page will display a pop up stating the error message.

Interface-

ENTER EVENT DETAILS

Event Name

Registration date

Event date

Event time

Event Details

Coordinator name

INSERT   SELECT   UPDATE   DELETE

Click here to view all Events   Click here to view Students Participation list

3.3.3 Web page 5 – List of Events

Description

The user will be directed to this page after clicking on button "View all Events" on section 3.3.2.
The page will display the details of all the events entered in section 3.3.2 in form of a table for easy reading .

Displayed details will be-
- Sr no
- Event Name
- Registration date
- Event date
- Event Time
- Event details
- Event Coordinator name

Interface-

University Events list

Sno	Event Name	Regist date	Event date	Event time	Event details	Coordinator name
1	hey	undefined	sd	da	asdas	asdas
2	Cultural fest	undefined	19 sept	9 am to 9pm	Its organised by charusat univeristy . please do take part in it	Mr Singh
3	Tech fest	16 Oct	20 Oct	6pm to 9pm	Its a Tech fest arranged by Charusat Univeristy for students of year 2nd and 3rd	Mr Dß
4	chess	2 dec	5 dec	3 pm	its a tournament	Mr Singh
5	Garba Night	6 Sept	8 Sept	9pm	Its Garba night	Mr Raj
6	hockey	7 sept	9 oct	3 pm	Its a hockey match match	Mr Raj Patel Sir

Activate Windows
Go to Settings to activate Windows.

3.3.4 Web Page 6 – View Students list

Description

The user will be directed to this page after clicking on button "View Students Participation list" on section 3.3.2.
The page will display the details of all the students who participated in any of the event in form of a table for easy reading.

Feature

The sorting of students will be based on their respective branches and sub sorted as per their ID's

Displayed details will be-
- Sr no
- Student's ID
- Student's Name
- Event participation name.
- Student's Branch.
- Student's Department.

Interface-

University Event Students Participation Details

Sno	Student's ID	Student's Name	Event Participation name	Branch	Department
1	20CE015	Rahul	Volleyball	CE	DEPSTAR
2	20CE023	Rahul	Volleyball	CE	DEPSTAR
3	20CS015	Ramesh	kho kho	CS	CSPIT
4	20CS022	Raj	kho kho	CS	CSPIT
5	20DCS070	Kunal	Cricket	DCS	DEPSTAR

Student's Section

3.4.1 Web Page 7 – All events list at student's part

Description

The user will be directed to this page on selecting "Student" option at Page 2.
The page will display list of all the events and their details in form of a table for easy reading.

Displayed details will be-
- Sr no
- Event Name
- Registration date
- Event date
- Event Time
- Event details
- Event Coordinator name

Stimulus/Response Sequences

The page will further display a button to user stating "Click here to register for any event" which will direct them to next page for event participation registration.

Interface-

University Events list

Sno	Event Name	Regist date	Event date	Event time	Event details	Coordinator name
1	Vollyball	10 Sept	11 Sept	9am	Its a competition organised by CHARUSAT	Mr Singh
2	CulturalFest	11 Sept	12 Sept	9am	Its fest	Mr Rahul
3	Tech Fest	12 Sept	13 Sept	9am	Its a fest	Mr Rahul
4	Robo making	2 oct	9 Oct	9 am	Its a robot making competition	Mr Ram
5	Kho kho	9 Sept	10 Sept	9am	Its a competition	Mr Singh

Click here to Register for any event ↓

3.4.2 Web page 8 – Event Registration page

Description

The user will be directed to this page after clicking on "click here to register for any event" button page 7.
This page will include the textboxes for adding the details of students for event participation.

The features it will display are :

-   Adding first Name of student.
-   Adding Last Name of student.
-   Entering the department student belongs to.
-   Entering ID of student.
-   Entering the event name the student is willing to participate in.
-   And various other fields can be created as per the requirement from system.

The page will display buttons which will be doing following functions

-   Add student
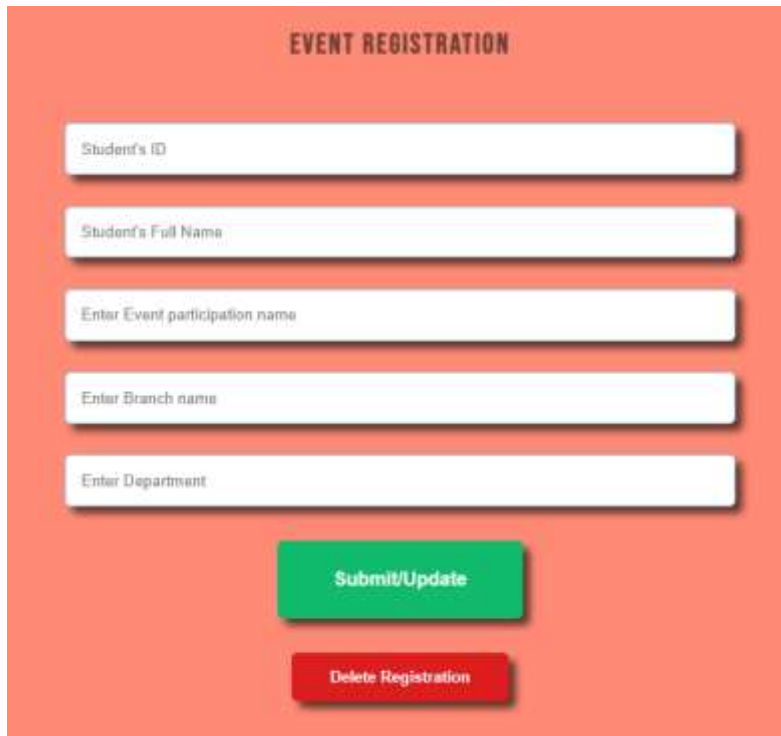-   Update details of student
-   Delete student

Stimulus/Response Sequences

The textboxes have been provided on this page for the student to fill up the

necessary details.

Functional Requirements

-   The data of user can be updated by entering the user id and then doing the necessary changes as required.
-   Deleting a user registration can be done via user id of the student.

Interface-

EVENT REGISTRATION

Student's ID

Student's Full Name

Enter Event participation name

Enter Branch name

Enter Department

Submit/Update

Delete Registration

4. External Interface Requirement

User Interface-

The error message will pop up in the login page if the entered password or email is incorrect.

The page may also display error in case of any unfilled entries.

5. Other Nonfunctional Requirements

Software Quality Attributes:

Reliable - The system can be trusted as the students data will be safe and visible only to the person maintaining the "Event Manager" section.

Adaptability – The necessary changes could be done in system, in case any other organization which require handling of people and events is willing to use the system.

Correctness – The data entered of the events and students will be as per user and there won't be any fluctuations in the data while displaying it.

Usability – The system is easy to use for the system handler as well as students.

Interoperability – The interface of this system can work with any browser system at present or in future, in either implementation or access, without any restrictions.

Reusability – The system can be used as many number of times as it supports deleting data function.