

## Software Requirement Specification for TAC Portal

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<b>Seat no</b>	413
<b>Project ID</b>	13
<b>Problem Statement</b>	External Events Management Portal

### Stack:

<b>Front End</b>	HTML, CSS, Javascript
<b>Backend</b>	PHP with Laravel framework
<b>Data Base</b>	Database MySQL
<b>API</b>	RESTful API

Phase	Description		Status
Stage 1	Planning and Requirement gathering	May 2, 2024	In progress ▾
Stage 2	Design and Prototyping		Not started ▾
Stage 3	DB Designing		Not started ▾
Stage 4	Backend Implementation		Not started ▾
Stage 4	Testing & Implementation		Not started ▾

## **Problem Statement:**

The purpose of this document is to provide a comprehensive overview of the External Event Management Portal, explaining its main goals, features, and how it operates. It aims to give a clear understanding of what the portal can do and how it helps manage external events for the college community. By going into detail about the portal's features, interfaces, and limitations, this document aims to give stakeholders the information they need to use and manage the portal effectively.

## **1. Introduction**

The External Event Management Portal is a specialized platform designed to streamline the process of submitting and approving external events proposed by students, faculty members and Admins. The portal aims to enhance transparency and efficiency in managing event requests and conducting IRA reviews. By providing a centralized platform, it enables students to explore approved events and access information about the IRA clearance status. The portal primarily caters to the Office Special Lab and its associated stakeholders. Additionally, it only allows students who are cleared the IRA to the external events. The main goal of the portal is to ensure that only technically knowledgeable students for the particular requested events are allowed.

### **1.1.Purpose:**

The purpose of this document is to provide a comprehensive overview of the External Event Management Portal, explaining its main goals, features, and how it operates. It aims to give a clear understanding of what the portal can do and how it helps manage external events for the college community. By going into detail about the portal's features, interfaces, and limitations, this document aims to give stakeholders the information they need to use and manage the portal effectively.

## **1.2. Scope of Project:**

- This software system will function as a portal for the Office Special Lab, facilitating students to Request External Events which they want to participate. From an administrative standpoint, the system will offer a comprehensive analytical dashboard for project oversight.
- Administrators will have the authority to approve or reject External Events. Upon approval or rejection, both the students and Activity Masters will receive automated emails corresponding to the event status.
- Of particular importance is the IRA review process: students can participate in external events only after technically clearing the IRA. They can easily access the results of the IRA review through the IRA page in the portal. Additionally, all students will receive the IRA review result via email.

## **2. Functional Requirements:**

### **1. User Registration: -**

The system shall provide a user registration interface for students and faculty members to create their accounts. - Users shall enter their personal details, such as name, email, and password, for registration. - User registration shall be validated to ensure unique email addresses.

## **2. Event Status Page: -**

The portal shall display a categorized list of approved and rejected external events. - Each event shall indicate whether an Individual Risk Assessment (IRA) is required. - Users shall be able to view event details, including date, time, location, and event description.

## **3. Event Request Submission: -**

Users shall have the ability to submit event requests through the portal. - The event request form shall include fields for event details, such as event name, purpose, proposed date, and location. - Users shall provide their contact information and any additional requirements for the event.

## **4. Event Approval/Rejection: -**

Admins shall have access to an event request list page to review and approve/reject event requests. - Admins shall be able to view event details and make a decision based on the provided information. - Upon approval or rejection of an event request, notifications shall be sent to the Activity Master and the requesting user.

## **5. IRA Registration: -**

Users shall be able to register for Individual Risk Assessment (IRA) for approved events through the portal. - The registration process shall include checking the user's skill requirements to participate in the event (e.g.,

programming skills). - Users shall receive confirmation of their IRA registration status.

## **6. IRA Result: -**

The portal shall display IRA review results for registered users. - Users shall be able to view their IRA review status and whether they have been selected to attend the IRA.

## **7. Admin Notifications: -**

Admins shall have the ability to send notifications to students and faculty members regarding IRA review details or event-related updates.

## **8. Faculty Result Submission: -**

Faculty members shall have access to a portal section to submit results for reviewed students after the IRA process. - Faculty members shall be able to enter and submit the results of the IRA review for each student.

## **3. System Overview:**

### **Users:**

#### **1. Students:**

Students will serve as event organizers, proposing and submitting external events through the portal. They will have the capability to submit

event details, track the status of their event requests, and receive notifications regarding approval or rejection. Students who wish to participate in IRA sessions for approved events will interact with the portal to register for IRA sessions, submit required information, and receive notifications about IRA results and attendance requirements.

## **2. Admins:**

These users will have overall control and management responsibilities for the portal. They will oversee user registrations, event submissions, approval processes, IRA management, and system configurations. Additionally, they will have access to student data, event details, IRA records, and other administrative functionalities necessary for the smooth operation of the portal.

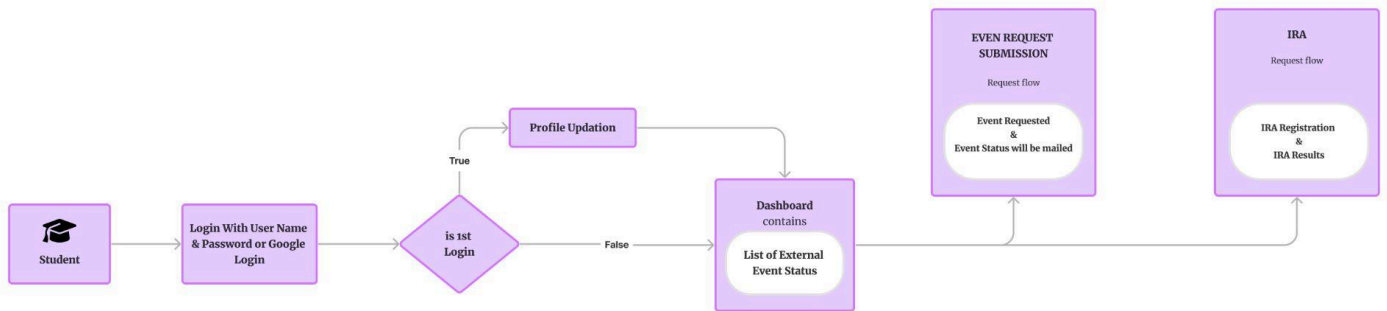
## **3. Faculty:**

Faculty members can view the list of external event statuses within the portal. They have access to information about approved and rejected events, as well as whether IRA is required or not. This allows faculty members to stay informed about upcoming events and their status.

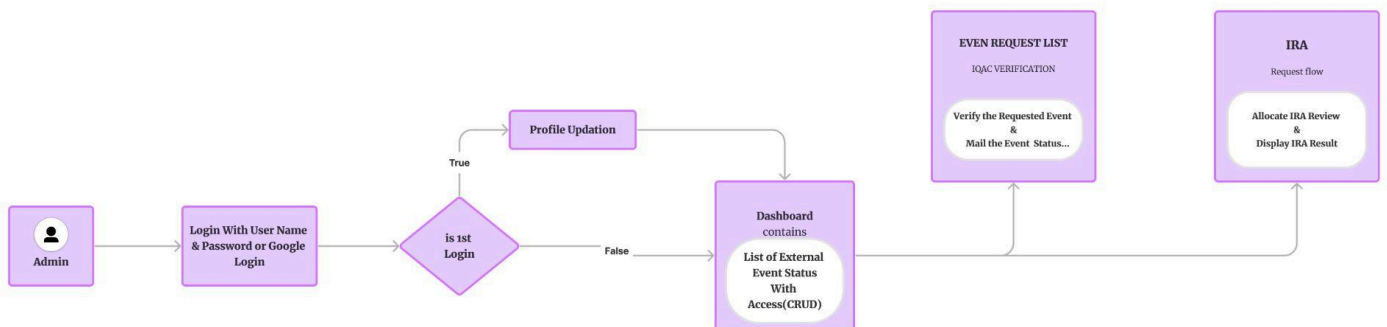
Faculty members are responsible for updating the marks of IRA-reviewed students within the portal. After conducting IRA assessments, faculty members input assessment results into the system, ensuring accurate and timely recording of student performance. Updated Mark Viewing: Faculty members can view the list of updated marks within the portal. They have access to information about IRA-reviewed students and their respective assessment outcomes. This enables faculty members to monitor student progress and performance in IRA sessions.

## Flow Chart:

### User Interface



### Admin Interface



### Faculty InterFace

