EXTERNAL EVENTS MANAGEMENT SYSTEM

STACK: LAMP STACK

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Problem Statement	EVENTS MANAGEMENT SYSTEM

1. Introduction

1.1. Purpose:

The purpose of this document is to present a detailed description of the Events Management System Web Application. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli.

1.2. Scope of Project:

- This software system will serve as a portal for the Events Management System enabling students to submit the details of events they're willing to participate. This website helps students and teachers to suggest and check events. Administrators have the ability to approve or reject Events. Once an Event is approved, students can book their slots for Internal Review Assessment (IRA). Once slot booked, the students should attend the Review with the mentioned Faculty in the respective venue provided.

- It's easy to use, safe, and can handle lots of users and events. The goal is to make event planning simple and transparent, and to help students and teachers work together smoothly.

2. System Overview

2.1 Users:

1. Students:

Students can fill out the Event request form by providing the required event details and upload relevant brochures or the Event's official registration link. Once approved, they can apply for review if the event is considered as Level-1 or Level-2 Events and attend their Review.

2. Admins:

Admins can Approve or Reject the Events requested by the students or Faculties. And they can check the details of students applied for review and allot faculties for students who have booked slots.

3. Features:

3.1 Login and registration:

Students can register for an account or login with their existing account.

3.2 Event details submission:

Students can input relevant details regarding the Event including the Event name, Event organiser, Event Location, Event date, Registration Deadline and necessary attachments like Brochures and registration link. Upon completion, the application is submitted to the admin interface for review and further processing.

1. **Application Status:**

   Students can view the current status of their application and also see the history logs.

2. **Review Slot Booking:**

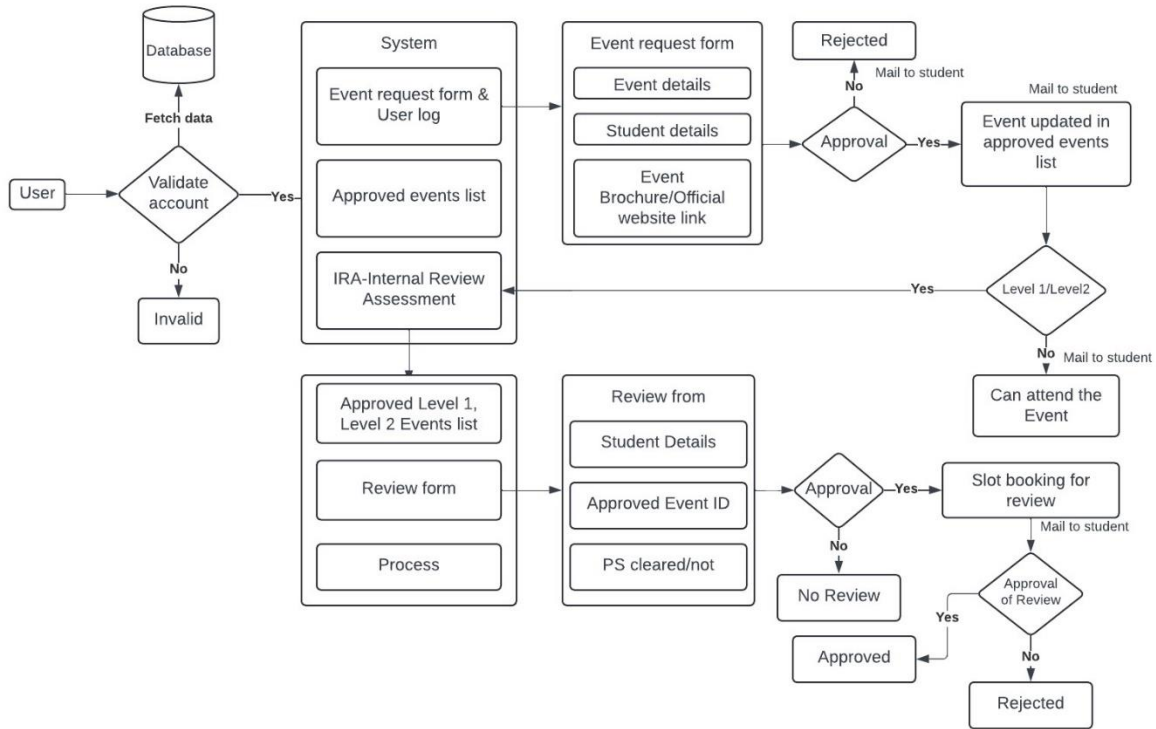   Students can apply for review and wait for the admin to approve them, once approved they can book their slots.

3. **Admin Access:**

   Admin can access all the applied Event request forms and can Approve or Reject them after proper verification.
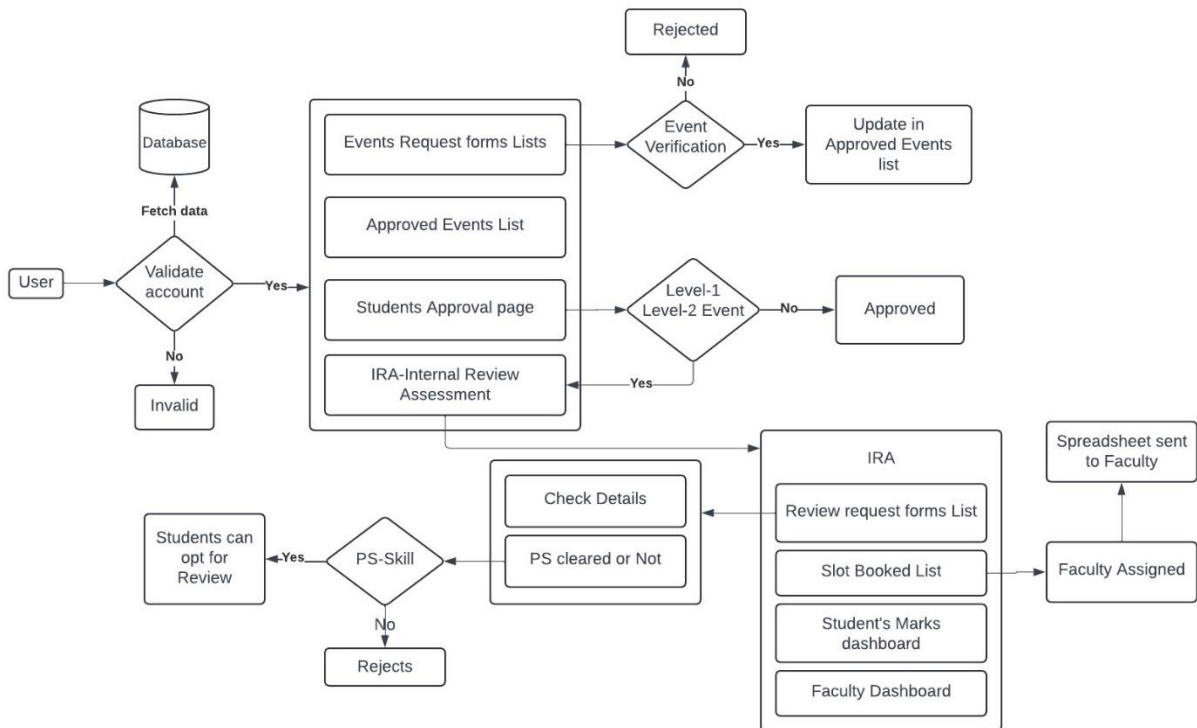
4. **Admin's Analytical Dashboard:**

   Admin can view the number of applications by category, student's review requests and also see the latest log of applications.

User Interface

Database

Fetch data

User → Validate account —Yes→ System

Validate account —No→ Invalid

System
- Event request form & User log
- Approved events list
- IRA-Internal Review Assessment

Event request form
- Event details
- Student details
- Event Brochure/Official website link

Rejected

Approval —No→ Rejected (Mail to student)

Approval —Yes→ Event updated in approved events list (Mail to student)

Event updated in approved events list → Level 1/Level2

Level 1/Level2 —Yes→ IRA-Internal Review Assessment

Level 1/Level2 —No→ Can attend the Event (Mail to student)

Approved Level 1, Level 2 Events list
- Approved Level 1, Level 2 Events list
- Review form
- Process

Review from
- Student Details
- Approved Event ID
- PS cleared/not

Approval —Yes→ Slot booking for review (Mail to student)

Approval —No→ No Review

Slot booking for review → Approval of Review

Approval of Review —Yes→ Approved

Approval of Review —No→ Rejected

Admin Interface

Database

Fetch data

User → Validate account —Yes→ (System box)

Validate account —No→ Invalid

- Events Request forms Lists
- Approved Events List
- Students Approval page
- IRA-Internal Review Assessment

Events Request forms Lists → Event Verification

Event Verification —No→ Rejected

Event Verification —Yes→ Update in Approved Events list

Students Approval page → Level-1 Level-2 Event

Level-1 Level-2 Event —No→ Approved

Level-1 Level-2 Event —Yes→ IRA-Internal Review Assessment

IRA
- Review request forms List
- Slot Booked List
- Student's Marks dashboard
- Faculty Dashboard

Spreadsheet sent to Faculty

Faculty Assigned

Check Details / PS cleared or Not
- Check Details
- PS cleared or Not

PS cleared or Not → PS-Skill

PS-Skill —Yes→ Students can opt for Review

PS-Skill —No→ Rejects

4. Functional Requirements:

- **User Management:**
  - Students can register and login.
  - Admins have access control with an analytical dashboard and dedicated features.

- **Event Application:**
  - Students can submit applications with appropriate Event details
  - Application form contains:
    - Event Name
    - Event Organiser
    - Event Location
    - Event Date & Registration Deadline
    - Brochure & Official website of Event
    - Student Details

- **Application Status:**
  - Students can view the current status of their application.
  - If the application is rejected then the remarks are mentioned.
  - Students can also see the logs of their applications

- **Review Scheduling and Slot booking (After Approval):**
  - After Event approval Students can apply for Review and book slots.

- **Admin Dashboard:**

  - Admins can view a list of all submitted Event request forms.

  - Admins can view details of each application.

  - Admins can approve or reject applications with valid remarks.

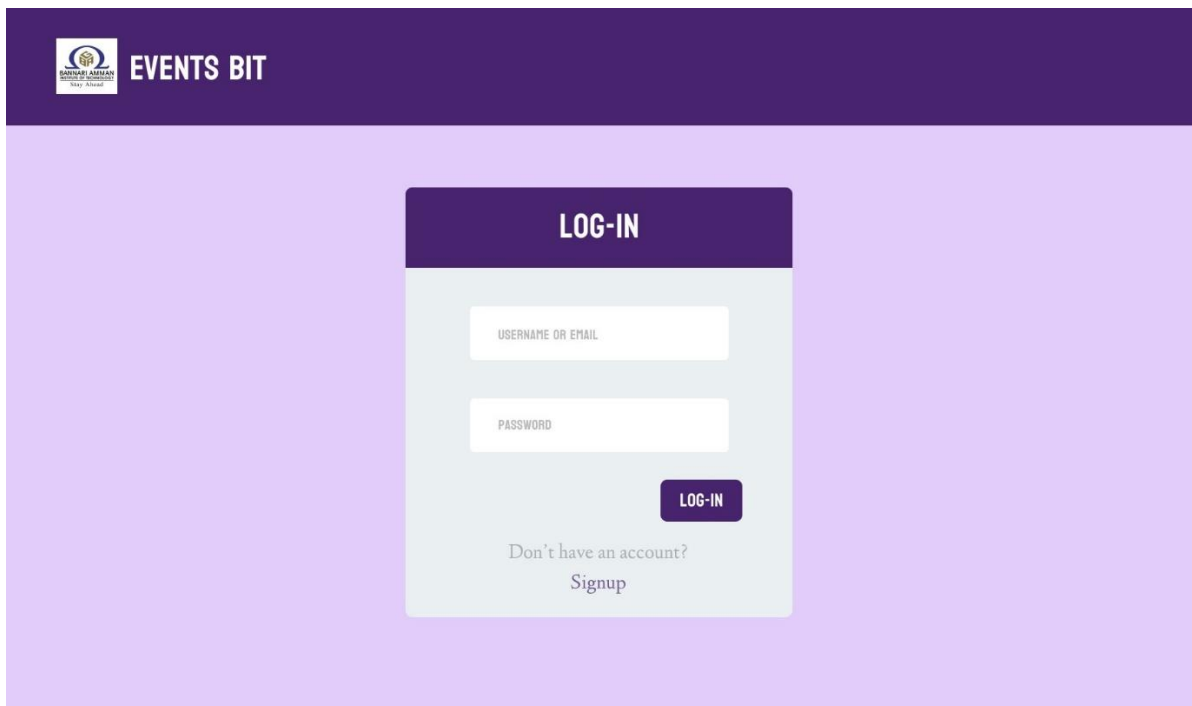 - Admins after approval of review request can open the forms for slot booking.

- **Analytics Dashboard:**

  - Admin can view the number of Approved Events and Approved students and their Review Marks.

STACK (Technical Components):

Component	Tech Stack
Backend	▪ PHP with Laravel Framework ▪ Linux ▪ Apache Web Server
Frontend	▪ HTML, ▪ CSS, ▪ JavaScript
Database	▪ MySQL
API	▪ REST Ful API

1. Login form