

# **SOFTWARE REQUIREMENT SPECIFICATION (SRS)**

## **DOCUMENT**

**STUDENT NAME:** PRASANNA KUMAR M

**ROLL NO:** 7376221CS262

**SEAT NO:** 223

**PROJECT ID:** 11

**DOMAIN:** IQAC

**PROJECT TITLE:** EVENT MANAGEMENT

### **TECHNICAL COMPONENTS**

FRONT END	REACT JS
BACK END	NODE JS, EXPRESS JS
DATABASE	MONGODB
API	RESTful API

## **PROBLEM STATEMENT**

The current paper-based event management system at your college suffers from several inefficiencies:

1. **Manual Processes:** Relies on cumbersome, manual forms and workflows for managing events.
2. **Data Management Issues:** Maintaining paper forms leads to difficulties in storing, retrieving, and managing event data.
3. **Limited Transparency:** Faculty lack real-time updates on the status of their event submissions.
4. **Time-Consuming Approvals:** The IQAC team manually reviews forms, making the approval process slow and inefficient.
5. **Lack of Streamlining:** There's no centralized workflow for managing event submissions and approvals.

## **PROJECT FLOW**

### **Purpose:**

- To automate and streamline the college event management process.
- To improve efficiency and transparency for both faculty and the IQAC team.

### **Scope:**

This project focuses on developing a web-based system for managing event submissions, approvals, and data. It includes functionalities for faculty to submit event requests, track their status, and access relevant information. The system also allows admins to manage user roles, create/edit events, review submissions, generate reports, and download forms.

### **Features:**

Provide a user-friendly online platform for managing all aspects of college events, including event creation, form submission, approval workflows, and reporting.

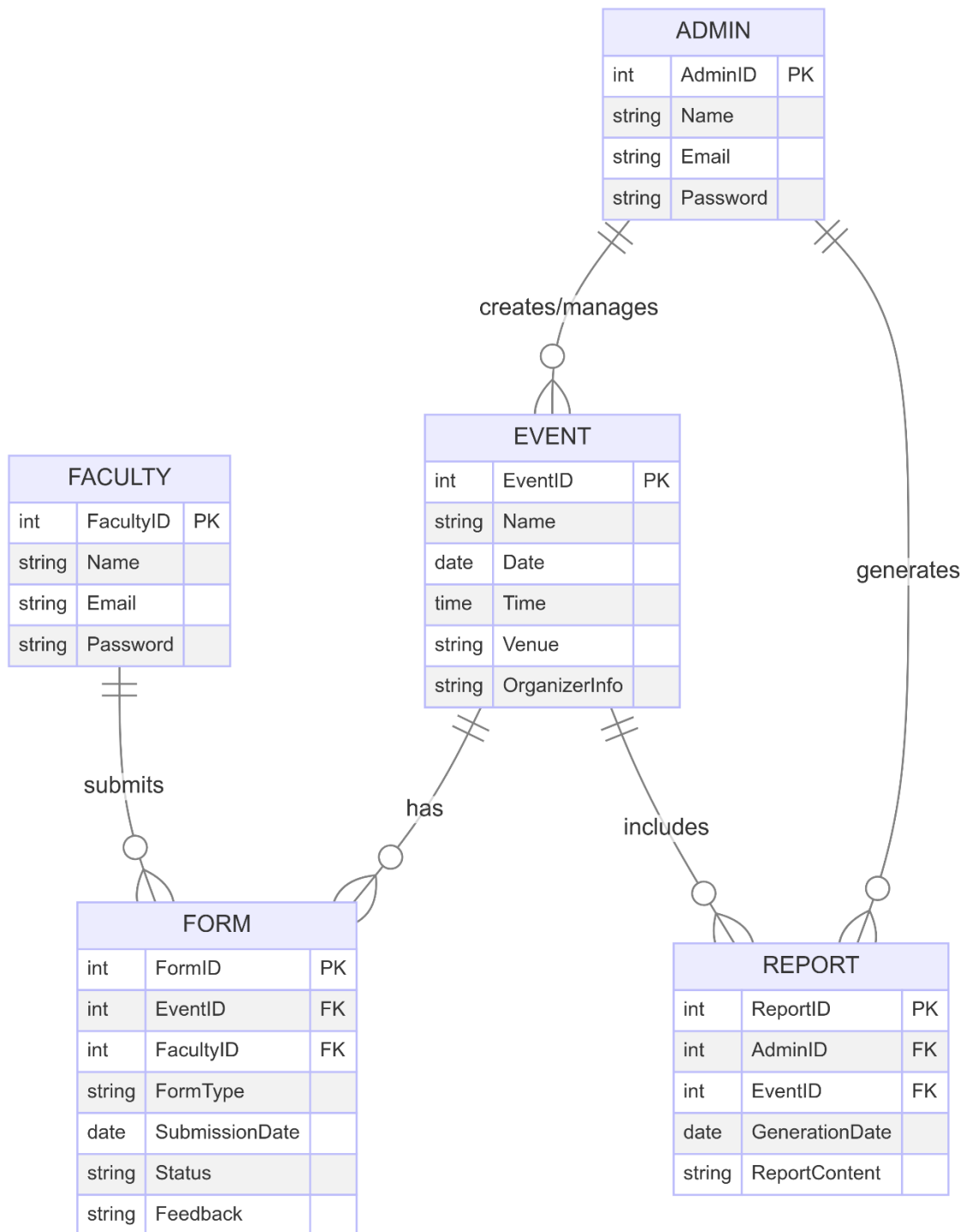
## Functional Requirements

- **User Management:**
  - Users should be able to register and manage their accounts.
  - The system should differentiate between faculty and admin user roles and permissions.
- **Event Management:**
  - The system should allow creation of events with details like date, time, venue, and organizer.
  - Admins should be able to view, edit, and delete events.
- **Form Management:**
  - Faculty should be able to submit various forms related to event logistics (audio-visual, venue setup, etc.).
  - The system should facilitate real-time tracking of submitted forms by faculty.
- **Approval Workflow:**
  - Admins should have the authority to review and approve/reject submitted forms.
  - The system should allow admins to provide optional feedback for rejected forms.
- **Reporting:**
  - The system should provide functionalities for generating reports on events, submissions, and approval statuses.
- **Data Management:**
  - Data should be securely stored and accessible only to authorized users.

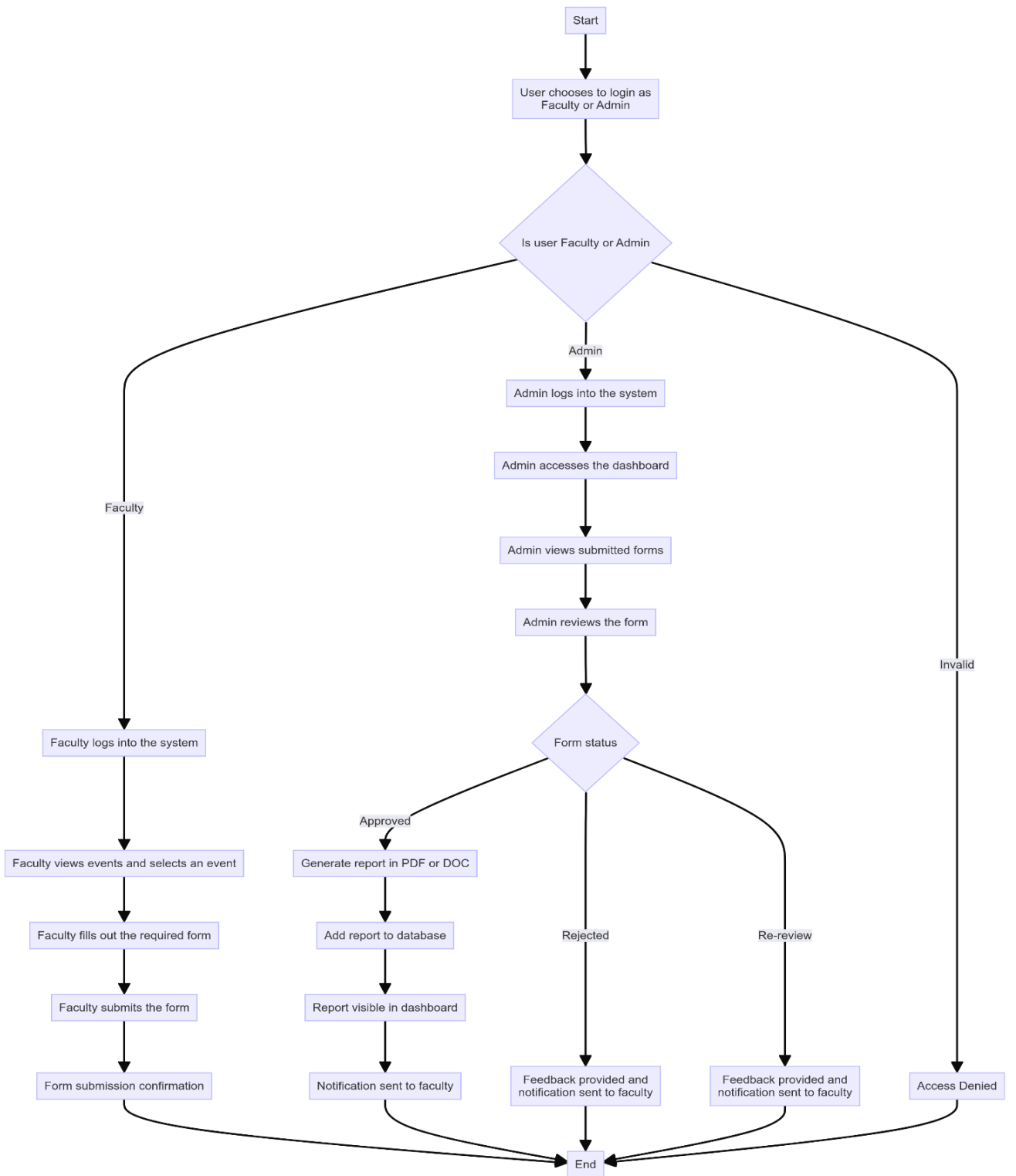
## Non-Functional Requirements

- **Security:** The system should adhere to industry standards for data protection and user privacy.
- **Performance:** The platform should handle concurrent user interactions efficiently without compromising response times.
- **Scalability:** The system should be adaptable to accommodate increasing user base and data volume.
- **Accessibility:** The platform should be accessible across various devices and web browsers for all users.

## ER DIAGRAM:



# FLOWCHART



# DESIGN

## Event Requisition Form

### Name of the Event

Enter the Name of the Event

### Event Organizer Details

Organizer's Name

Position

Contact Information

### No. of Participants Expected

Enter number

Internal

Extrenal

### Event Requirements

#### Vehicle Required

Yes / no

If yes, provide in Annexure - I (a) & I(b)

#### Audio Required

Yes / no

If yes, provide in Annexure - IV

#### Accessories Required

Yes / no

If yes, provide in Annexure - VI

#### Financial Required

Yes / no

#### Accommodation Required

Yes / no

If yes, provide in Annexure - I (a) & I(b)

#### Photography Required

Yes / no

If yes, provide in Annexure - V

#### Reward points

Yes / no

### Event Date(s)

Number of days

Start Date

End Date

### Event Time

Start Time

End Time

### Guest Details

No. of Guest

Name of the Guest

Designation

Name of the Organization / Industry

### On-Duty Required

Yes / no

If yes, Fill the details

No. of Faculty Members

No. of Non-Teaching Staffs

### Other Requirements,if any

if any other Requirements

Submit