# Software Requirement Analysis
# University Event & Club Management System

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# 1 Introduction

This project aims to develop a system to manage university events and club activities efficiently. Students can register for events, view upcoming programs, and admins can create, manage, and approve events.

# 2 Purpose

The purpose of this system is to:

- Provide a single platform for students and admins to manage university events and club programs.

- Reduce manual paperwork and improve event registration efficiency.

- Allow students to view, register, and track their participation.

- Allow admins to create, approve, and monitor events and participants.

# 3 Scope

## 3.1 Student Panel

- Registration and login

- View upcoming events

- Register for events

- View registered events

## 3.2 Admin Panel

- Admin login

- Create events (title, date, venue, capacity)

- Approve or reject student registrations

- View participant lists

## 3.3 System Constraints / Assumptions

- Accessible via modern web browsers (Chrome, Edge, Firefox)

- Internet connection required for online access

- Maximum 200 participants per event

- System hosted on university server / cloud

# 4 Actors and Stakeholders

- **Students:** Register/login, browse events, register for events, view participation

- **Admins:** Create events, approve/reject participants, manage event info

- **University Staff:** Monitor system performance, view reports

# 5 Functional Requirements

## 5.1 Student Module

1. Register and login

2. Browse upcoming events

3. Register for events

4. View registered events and details

## 5.2 Admin Module

1. Login

2. Create, edit, and delete events

3. Approve or reject student registrations

4. View participant list per event

# 6 Non-Functional Requirements

- Secure login with password protection

- Handle multiple simultaneous users

- Data backed up on GitHub (version control)

- Simple and user-friendly interface

- Fast response time