



Student Name: SIVARAM V

Seat No: 444

Project ID: 4

Project title: BITHACK 24

Technical Components

Component	Tech Stack
Backend	EXPRESS JS, NODE.JS
Frontend	REACT JS
Database	MONGODB

PROBLEM STATEMENT:

Creating platform that should cater to both organizers and participants, providing features that streamline event management, facilitate team formation, and knowledge sharing.

PROJECT-FLOW:

Purpose:

To develop a centralized platform for hackathon events that efficiently manages event management, team formation, and knowledge sharing.

Scope:

This system includes user authentication, a problem statement selection page, a real-time dashboard for viewing and managing schedules, and caters to both organizers and participants of the hackathon events.

Business Context:

The BITHACK 24- Hackathon Events Forum is aimed at streamlining event management and facilitating team formation and knowledge sharing. Primary stakeholders include students and faculty.

Consideration:

- All users possess active Google accounts for authentication.
- Users have regular access to internet-enabled devices.

Dependencies:

- Integration with Google OAuth for user authentication.

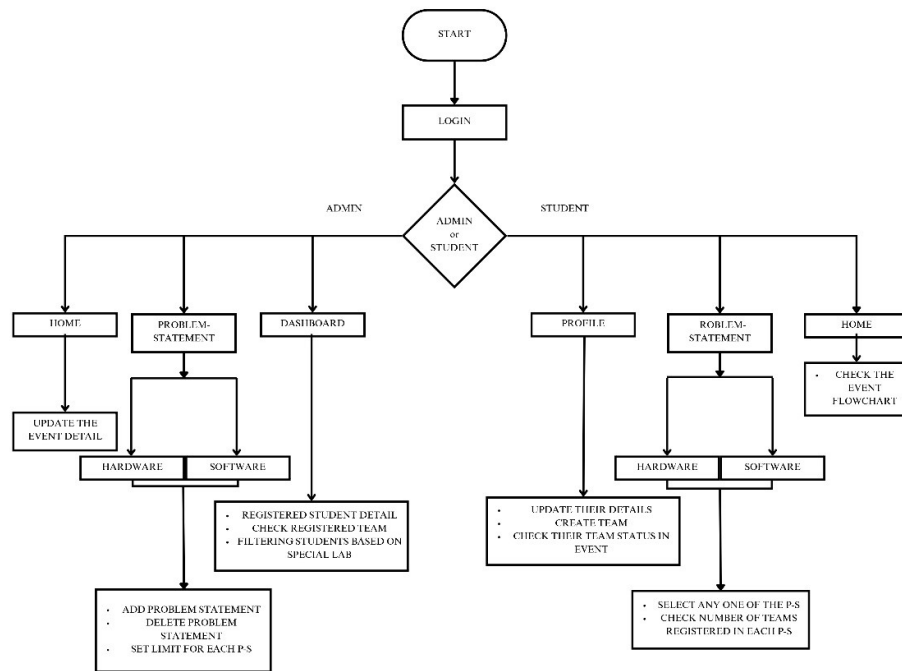
User personas:

- Student: Needs real-time access to event schedules, team formation opportunities, and a list of problem statements for selection.
- Faculty Manages system operations, resolves conflicts, sends out schedule updates and notices efficiently, manages event details and team formation, and can add or delete problem statements.

User Stories:

- As a student, I want to have real-time access to event schedules, team formation opportunities, and a with list of problem statements for effective planning and participation.
- As a admin member I need to manage system operations, resolve conflicts, send out schedule updates and notices efficiently, manage event details and facilitate team formation, add or delete problem statements a user-friendly interface.

FLOW CHART:



ER Diagram:

