

Project Proposal

1. Title of the Project

Smart College Event Management Portal

2. Details of the Student(s)

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3. Problem Statement

Managing college events manually leads to poor coordination, low student engagement, and inefficiencies in communication, registration, and reporting. There is a need for an integrated system to streamline these processes.

4. Objectives of the Project

- To simplify event registration and management.
- To automate attendance using QR codes.
- To enhance communication through notifications.
- To analyze participation using reports and dashboards.

5. Scope of the Project

The portal will be used by admins, event organizers, and students. It will allow creation, approval, registration, attendance tracking, notifications, and feedback collection for events organized by college departments and clubs.

6. Block Diagram of System

(To be added manually - placeholder for system architecture image showing user roles, database, frontend, backend, and communication flow.)

7. Tools / Platforms / Languages to be Used

- Frontend: HTML, CSS, JavaScript, Bootstrap/Tailwind, React.js (optional)
- Backend: Node.js with Express.js / PHP with Laravel
- Database: MySQL / MongoDB / Firebase
- Tools: QR Code Generator, Firebase, Chart.js

8. References / Bibliography

- <https://firebase.google.com>
- <https://nodejs.org>

Project Proposal

- <https://getbootstrap.com>
- <https://www.chartjs.org>
- Academic event portals from college references