TOP STUDENT PROJECTS

Best innovations from VTU, Muddenahalli

PROJECT TITLE
NAMMA VTU APP



Team 24 - TECH NOVA

1. AJITH GOWDA HS
2. CHAMAN DEEPA BM
3. MEGHANA S
4. MOHAMMED SAYAN
5. KUSUMITHA HS
6. RISHIKA

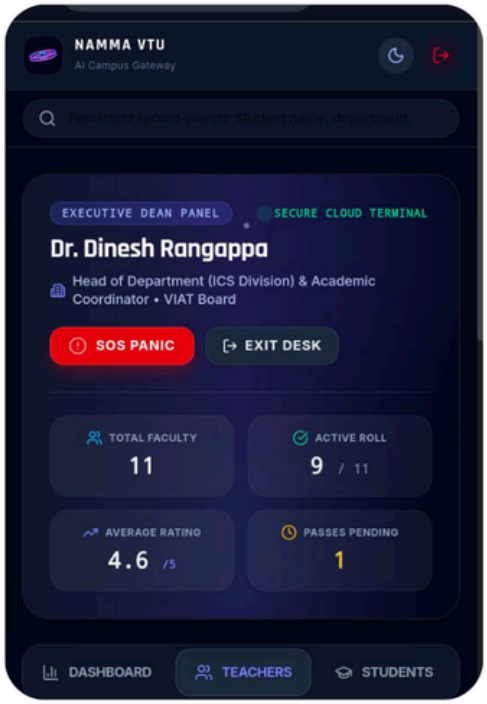


PROBLEM STATEMENT

Traditional campus management systems rely on manual processes for attendance, gate passes, and transportation management, leading to inefficiency, security issues, and increased administrative workload.

SOLUTION

Develop a Smart Campus Management System that automates attendance, digital gate passes, barcode-based authentication, and GPS bus tracking through a centralized platform for students, faculty, security staff, and administrators. The system enables faculty members to record and monitor student attendance digitally, reducing manual paperwork and errors. Students can request and receive digital gate passes online, which are verified instantly using barcode-based authentication at campus entry and exit points. Security personnel can efficiently manage campus access and maintain real-time records of student movement. The integrated GPS bus tracking module allows students and parents to monitor the live location of college buses, ensuring safe and timely transportation.



SCAN ME

Technology stacks:

- HTML,CSS
- Javascript
- React.js, Node.js
- Firebase
- VS Code
- GitHub
- Firebase Console