Project Title

NAMMA VTU : SMART CAMPUS MANAGEMENT SYSTEM

Problem Statement

A Smart Campus Management System is a digital platform designed to manage and automate various academic and administrative activities within an educational institution. It integrates features such as student attendance tracking, timetable scheduling, fee management, examination records, staff coordination, and communication tools into a single system. By using cloud technology and data analytics, it improves efficiency, reduces paperwork, enhances security, and enables real-time access to information for students, teachers, and administrators.

Project Team - Robotics & Mech



TEAM 3 - TECH NOVA

Team Members

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SDG Goals

SDG 4 – Quality Education

SDG 9 – Industry, Innovation and Infrastructure

Solution

The solution is an app-based Smart Campus Management System that provides a centralized and user-friendly platform accessible through smartphones and computers. The application allows students, teachers, and administrators to securely log in using unique credentials. It automates attendance through digital marking systems, generates real-time timetables, and manages fee payments with online transaction options and instant receipts. Examination records, results, and academic progress reports are stored digitally for easy access and analysis. The app also includes communication features such as notifications, announcements, and messaging to improve coordination between staff, students, and parents. Cloud-based storage ensures data security, backup, and quick retrieval of information anytime. By replacing manual processes with digital solutions.



