

Campus Connect – Feedback & Engagement Portal

Overview

Campus Connect is a full-stack web portal designed to streamline student feedback collection across college events, clubs, and academics. It promotes constructive feedback, transparency, and engagement within the LDCE campus community.

Features

- Feedback Submission: Students can submit feedback under categories like Events, Clubs, or Faculty.
- Public Feedback View: Anonymous or named feedback displayed publicly (optional).
- Admin Dashboard: Visualize all feedbacks, track engagement, manage content.
- Authentication: Secure login for users and admin using JWT.
- Email Verification (optional): For future notification and moderation enhancements.

Tech Stack

Frontend: React + Tailwind CSS v4 Backend: FastAPI Database: MongoDB (with .env)
Authentication: JWT tokens Hosting: Render / Vercel

Folder Structure

campus-connect/ ■■■ client/ → React frontend ■ ■■■ components/ → Reusable UI parts
■■■ server/ → FastAPI backend ■ ■■■ routes/ → Feedback & auth APIs ■■■ .env →
Mongo URI & secrets ■■■ README.md → Setup instructions

Key Modules

1. Home Page: Landing content, welcome message, analytics highlights. 2. Feedback Form: Title, Comment, Rating (1–5), Category, Anonymity toggle 3. Public Feedbacks: Filterable & searchable, pagination, anonymous handling 4. Admin Dashboard: All Feedbacks & My Feedbacks, Edit/Delete own feedbacks

Authentication

Passwords are securely hashed. JWT tokens are used for login session management.
Roles: Student (default), Admin (extended rights)

Future Enhancements

- Sentiment analysis on feedback
- Dark mode toggle
- Club-wise feedback insights
- Event-specific analytics dashboard
- Email notifications when feedback is flagged

Developer Info

Kalpana Gupta Email: kalpanagupta592004@email.com LinkedIn:
linkedin.com/in/kalpana-gupta-214526315 GitHub: github.com/kalpanaG2004

College Info

Institution: Lalbhai Dalpatbhai College of Engineering (LDCE) Location: Ahmedabad, Gujarat
Affiliation: Gujarat Technological University

License

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