📄 Campus Connect – Feedback & Engagement Portal

Documentation v1.0 — July 2025

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.
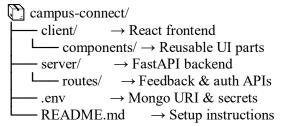
Features

- 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

Layer	Tech Used
Frontend	React + Tailwind CSS v4
Backend	FastAPI
Database	MongoDB
Authentication	JWT tokens
Hosting	Render

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.
   - CTA buttons for submitting/viewing feedback.

2. Feedback Form
   - Fields: Title, Comment, Rating (1–5), Category, Anonymity toggle
   - Real-time validation, user-friendly interface

3. Public Feedbacks
   - Filterable & searchable list of recent feedbacks
   - Pagination, date formatting, anonymous display handling

4. Admin Dashboard
   - View: All Feedbacks & My Feedbacks
   - Actions: Delete, Edit (own feedbacks only)

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

Developer Info
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College Info
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