🛠️ Campus Cockpit AI

Campus Cockpit AI is a web-based campus management dashboard built using **Lovable AI** — a no-code / AI-first platform that generates full-stack applications from natural language prompts. The platform delivers a working codebase including frontend, backend APIs, database schemas, authentication, and deployment setups.

> 🚀 *This template README provides an overview, how to run locally, features, and contribution guidelines suited for apps generated or enhanced by AI builders like Lovable.*

✨ Overview

Campus Cockpit AI is designed to help institutions manage key campus operations through an intuitive dashboard. The app might include features such as:

- 🧑‍🎓 Student & Faculty Dashboard
- 📅 Class and Schedule Management
- 📊 Reports and Analytics
- 🔐 Authentication and Authorization
- 📁 Data Persistence with a Cloud-ready Database
- ⚡ Hosted Deployment with automatic environment configuration

The above features should match what your actual generated app includes — adapt as needed.
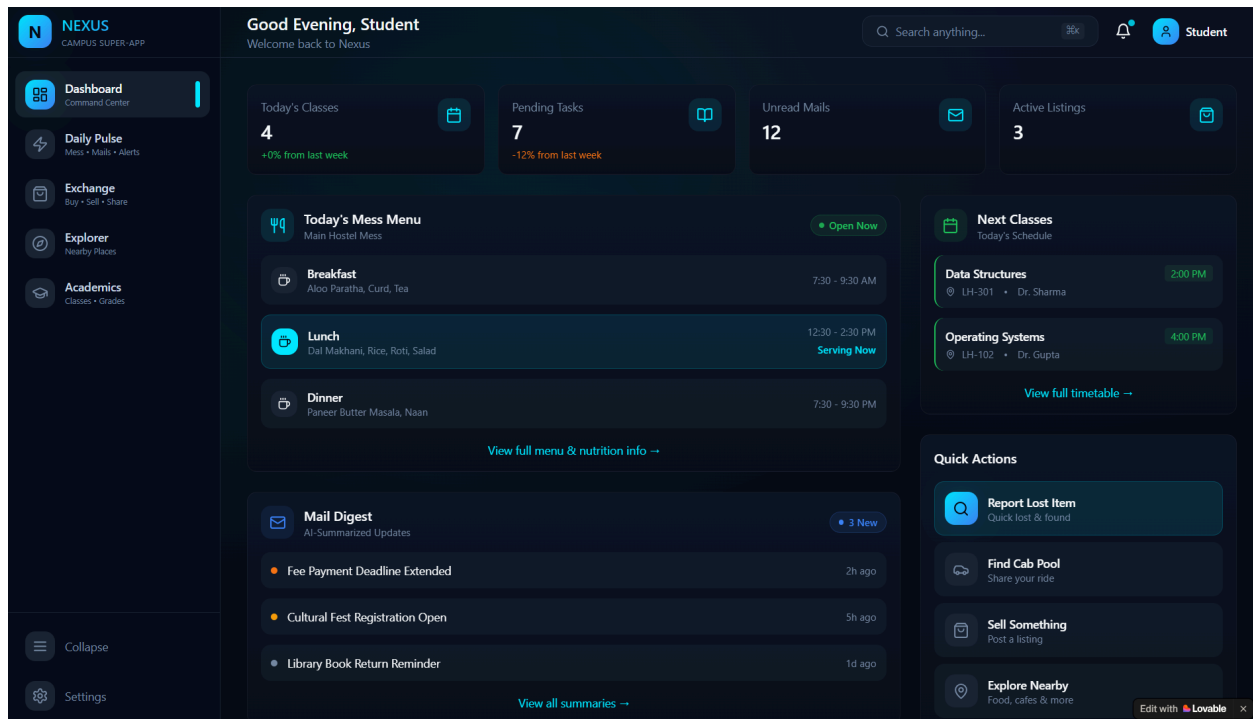

🧭 Tech Stack

This project has been generated with Lovable AI and typically includes:

Layer	Technology
Frontend	React (with Tailwind CSS or similar UI libs)
Backend	Node.js / Express or Supabase backend connector
Database	Supabase (Postgres)
Deployment	Hosted through Lovable deploy pipeline or Netlify/Vercel

Build System   Vite / Create React App

Lovable AI produces a full codebase from natural language prompts with ready-to-edit code you can export, customize, and own.

📦 Installation (Local Dev)

Clone the repository
git clone https://github.com/<your-username>/<repo-name>.git
cd <repo-name>

1.

Install dependencies
npm install
or
yarn install

2.

Setup environment variables
Create a `.env` file (based on `.env.example` if provided), and add:
VITE_SUPABASE_URL=your_supabase_url
VITE_SUPABASE_ANON_KEY=your_supabase_anon_key

3.

Start development server
npm run dev
or
yarn dev

4.

🧠 Usage Guide

Once running, you can:

- Visit `http://localhost:3000` (or the port shown in console)
- Log in or sign up
- Explore UI modules (dashboard, lists, analytics, etc.)
- Modify UI or backend logic directly
- Add new features via AI prompts inside Lovable or by editing the exported code

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🚀 Deployment

You can deploy using services like **Vercel**, **Netlify**, or the built-in deployment tooling offered by Lovable. Typical commands:

npm run build
then deploy using your chosen service
Tip: With Lovable you may also deploy directly from the platform without local CI/CD setup.
([Lovable AI Insights](#))

⭐ Features (Examples)

✔ Responsive UI
✔ Full-stack database integration
✔ Role-based login & auth
✔ Cloud hosting ready
✔ Exportable source code

Update the list based on your actual app capabilities.

🤝 Contributing

We welcome contributions! Please follow these steps:

1. Fork the repo
2. Create a branch: `feature/awesome-feature`
3. Commit your changes
4. Open a pull request with clear description

📄 License

Specify your chosen open license, for example:

MIT License

📪 Contact

Maintainer: *Your Name*
Project URL: https://campus-cockpit-ai.lovable.app

📌 Notes

If this project was entirely **generated or bootstrapped by Lovable AI**, include a short acknowledgment:

> *This app was initially generated using Lovable AI (lovable.dev), an AI-driven full-stack app builder that turns natural language prompts into production-ready code.* ([Lovable AI Insights](#))

If you want, I can tailor this further to match the **exact features and structure** of your Campus Cockpit AI app — just share a bit more about what the app includes!