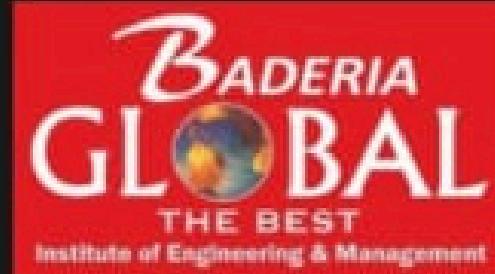


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I CODE VITE

PROFILE OVERVIEW

THEME : EDTECH

PROBLEM STATEMENT: SMART AI-POWERED GROUP LEARNING APP

TEAM ID: ADD YOUR TEAM ID

TEAM NAME: CODE VIT

OUR SOLUTION

- A platform for students to create private study groups with real-time chat and AI-powered academic assistance.
- Notes auto-organized by semester, year, and subject.
- Homepage features a digital notice board for events, hackathons, exams, and more.

PROBLEM-SOLVING

- Bridges the gap in academic collaboration and organized note sharing.
- Enables instant AI support for doubts using GPT in chats

TECH STACK & WORKFLOW

TECH STACK:

**React.js, Node.js, Express, MongoDB, Socket.io,
OpenAI API.**

WORK FLOW:

- 1 Create/join group → real-time chat.**
- 2 Ask doubts with @gpt → get instant AI answers.**
- 3 Upload notes → auto-tagged and categorized.**
- 4 Pin key updates on homepage notice board**

FEASIBILITY & CHALLENGES

FEASIBILITY

- Fully MERN-based, scalable, API-driven

CHALLENGES

- AI overuse, performance load, file security

MITIGATION

- Query limits, cooldown timers, secure file upload (e.g., AWS S3).

IMPACT & BENEFITS

AUDIENCE:

- Students, Educators, Institutions.

BENEFITS:

- Easy collaboration & note sharing.
- Instant doubt clearing.
- Digital academic community.
- Long-Term Value:
- Institutional scale-up.
- Premium features (analytics, content tips).

REFERENCES

- OPENAI API: [PLATFORM.OPENAI.COM](https://platform.openai.com)
- SOCKET.IO DOCS
- NLP NOTE CLASSIFICATION
- MONGODB VS FIREBASE RESEARCH