

StudyHive

Project Description

StudyHive connects students with similar academic goals into study groups, enabling resource sharing, Q&A, and real-time discussion.

Problem Statement

Students often feel isolated or struggle to find relevant help, especially in online learning environments.

Competitive Advantage

- AI-matched study groups
- Note rating and reputation system
- Real-time collaboration tools
- Gamification for engagement

Technical Architecture

- Backend: Node.js + Express
- Database: PostgreSQL or MongoDB
- Frontend: React.js or Next.js
- Auth: JWT + OAuth (Google sign-in)
- Realtime: Socket.IO for live chat

Revenue Model

- Freemium model (basic features free)
- Premium: AI tutoring, extra storage, custom themes
- Sponsorships or school subscriptions