BlindCU – Anonymous College Community Platform

1. Project Overview

BlindCU is an anonymous, college-exclusive community platform designed for students of CU to discuss academics, exams, placements, internships, problems, reviews, and campus life without revealing their real identity.

2. Audience

- CU students with valid @cuchd.in email

- Alumni

- Clubs/Communities

- Students preparing for placements/exams

3. Key Features

- College Domain Verification (@cuchd.in)

- OTP-based authentication (no passwords)

- Anonymous identity system

- Communities for placements, notes, reviews, gossip, etc.

- Anonymous posting with upvotes/comments

- Real-time discussions (future)

- Moderation tools

4. Tech Stack

Frontend: React.js, Tailwind

Backend: Node.js, Express, JWT, Nodemailer

Database: MongoDB

Others: UUID, Postman, Socket.IO (future)

5. Backend Architecture

- /auth/send-otp → Send OTP

- /auth/verify-otp → Verify OTP + return JWT

- authMiddleware → Protect routes

- Models: User, OTP, Community, Post, Comment

6. Purpose

Students need a safe, anonymous environment to discuss sensitive topics like grading, placements, mental health, college issues, etc. BlindCU enables honest, fearless conversations.

7. Future Roadmap

- Mobile app

- Image uploads

- Polls

- Anonymous AI assistant

- Events feed

- Private messaging

- Alumni badges

- Mentor matching

8. Contributor Roles

Backend: community routes, feed, posts

Frontend: UI for login/feed/posts

UI/UX: interface, themes

QA: Postman tests, error handling

9. Summary

BlindCU is an anonymous MERN-based college community for CU students with OTP login, anonymous identities, communities, posts, comments, and secure discussions.