

College Social

An Internal Social Network for Campus Connection

Welcome to the presentation on **College Social**, our project designed to foster a more connected and collaborative campus community through a dedicated internal social network.



Project Introduction

Team members:

1

P.SHIVA KARTHIKEYA

Department: Computer Science

Hall ticket:2403A51027

2

P.BHASKAR REDDY

Department: Computer science

Hall ticket:2403A51008

3

V.SAI CHARAN

Department: Computer science

Hall ticket:2403A51004

Our interdisciplinary team brings diverse skills in design, front-end development, and data modeling to deliver a robust and user-friendly platform.

Why College Social?

Core Project Objectives

→ **Enhance Student Communication**

Provide a private, secure, and dedicated platform where students can easily connect and build peer networks without external distractions.

→ **Facilitate Academic Collaboration**

Offer tools for sharing academic resources, forming study groups, and coordinating project work outside of traditional classroom environments.

→ **Promote Club and Event Engagement**

Streamline the process of discovering campus clubs, joining groups, and promoting/attending official college events.

→ **Centralized Campus Information**

Create a single source for essential campus news, announcements, and administrative updates, tailored specifically for the internal community.

Key Stakeholders and Their Roles

The success of College Social depends on meeting the needs of various user groups across the campus ecosystem.



Students

Primary users; leverage the platform for academic collaboration, social connections, and accessing campus resources and club activities.



Club Coordinators

Manage membership, promote events, share documents, and streamline internal communication within their organizations.



Faculty Advisors

Offer guidance to student groups, monitor relevant activity, and share announcements related to courses or departments.

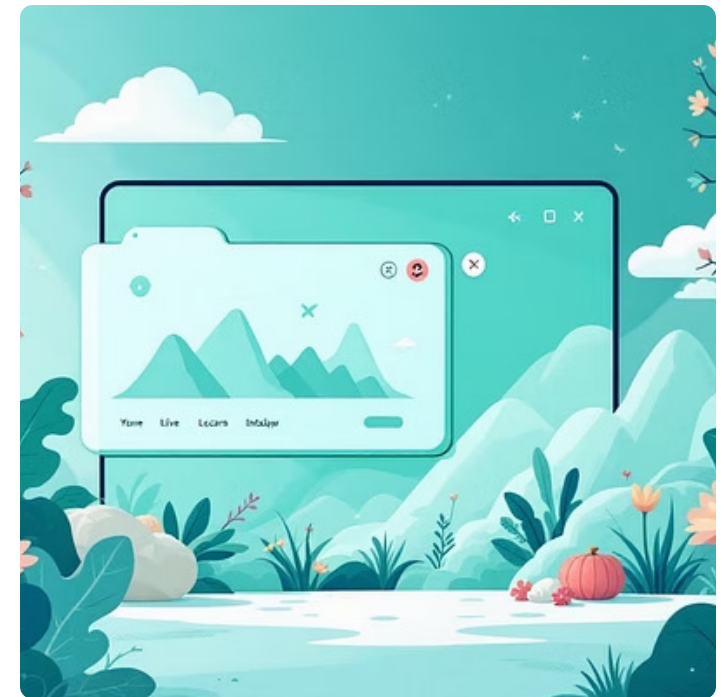
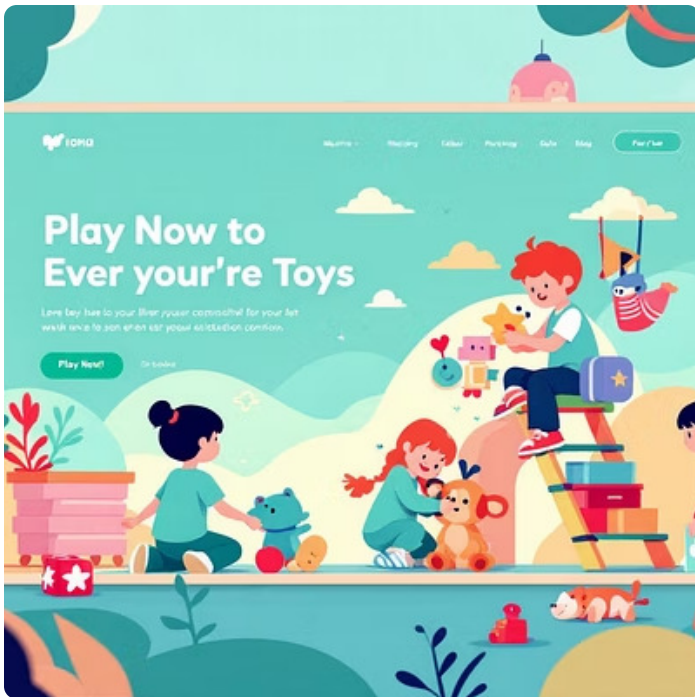


Administrators

Utilize the Admin Panel for moderation, campus-wide announcements, data insights on engagement, and system security oversight.

Technical Stack: The Front-End Foundation

We utilized modern, robust technologies to build a responsive, scalable, and visually compelling user interface.



Core Languages

- HTML: Structure
- CSS: Styling
- JavaScript: Interactivity



Framework & Styling

Tailwind CSS: Utility-first framework for rapid, consistent styling.



Key Libraries

- Framer Motion: Smooth UI animations
- Popper.js: Tooltip/popover positioning

Tools and Future Backend Planning

Development Tools

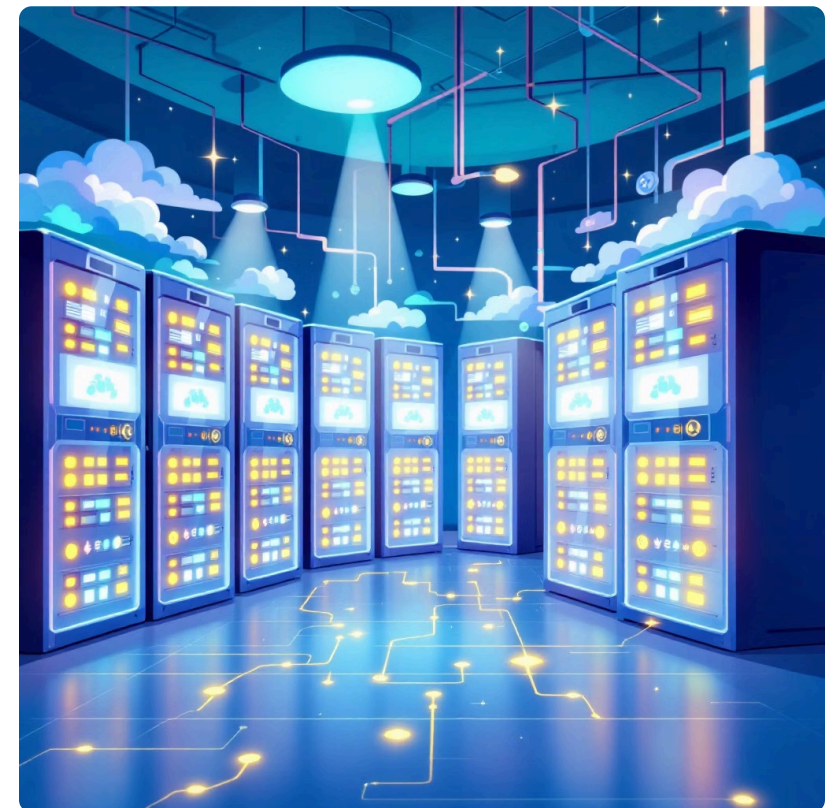
Visual Studio Code was used as the primary IDE, integrated with Git for version control. We sourced typography from Google Fonts to ensure a clean, modern aesthetic.

Future Backend Integration

While the initial prototype is front-end focused, the architecture is prepared for seamless integration with a robust backend service.

Proposed Backend Solutions

- **Firebase:** For rapid development, real-time data synchronization, and authentication.
- **Node.js Backend:** For custom API endpoints and increased control over server logic and database management.



Application Walkthrough

Front-End UI Overview

The design focuses on intuitive navigation, a clean interface, and mobile responsiveness to ensure a positive user experience across all devices.



Login/Registration

Secure portal for verified college members only.



Main Feed

Algorithmically curated content from peers, groups, and official announcements.

Key Feature Screens



User Profile

Personalized space to showcase academic focus, interests, and recent activity. Includes privacy settings.



Messages

Private 1:1 and group messaging to facilitate study groups and quick communication.

Community Focus

Clubs and Administrative Control

Clubs & Groups

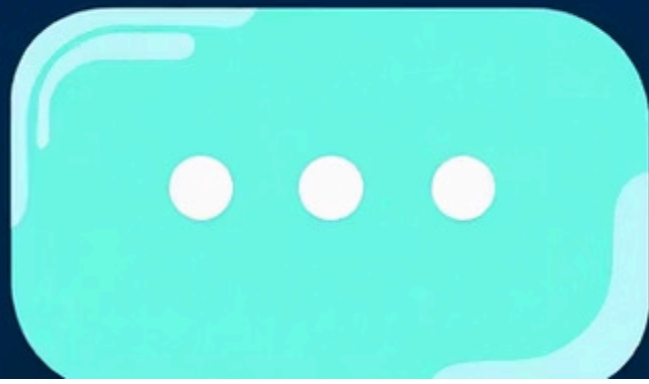
Dedicated pages for every campus organization, featuring event calendars, member directories, and discussion boards.

Supports both public and private groups.

Admin Panel

A high-level view for administrators to manage user accounts, monitor compliance, and push critical updates.

Focus on security and oversight.



Next Steps

Roadmap to Launch

Our immediate goal is to finalize backend integration and begin pilot testing with a small group of users.

Phase 1: Backend Integration

Implement user authentication and data storage using the chosen backend (e.g., Firebase).

Phase 3: Security Audit

Conduct a thorough security review to ensure student data privacy and system integrity.

Phase 2: Internal Pilot Test

Launch a closed beta with student volunteers, collecting critical feedback on features and usability.

Phase 4: Campus-Wide Launch

Roll out College Social to the entire student body and faculty at the beginning of the next semester.

THANK YOU!

Connecting Our Campus Community

We believe College Social will foster stronger connections, enhance student life, and create a more vibrant academic environment for everyone.



Contact Us

info@collegesocial.com



Visit Our Site

www.collegesocial.com



Team Acknowledgments

Special thanks to our developers, advisors, and student members!

