

# College e 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:

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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.



## Faculty Advisors

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



## Club Coordinators

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

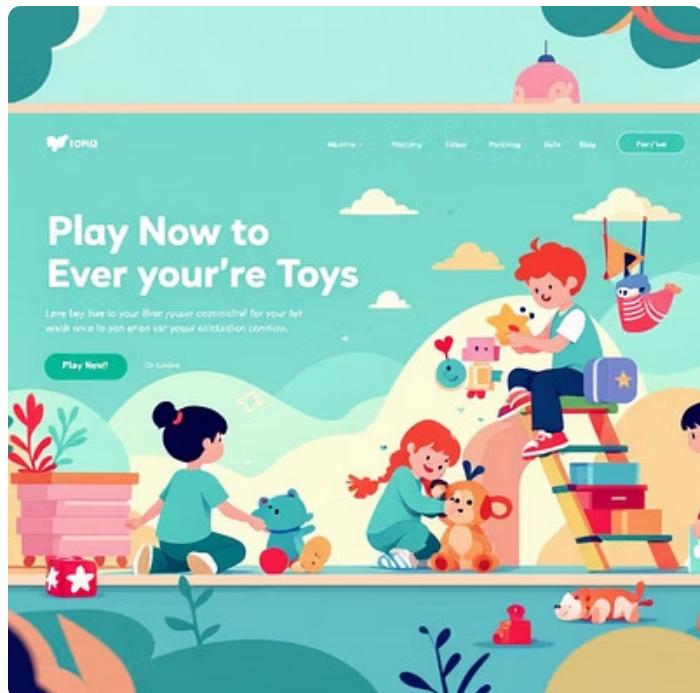
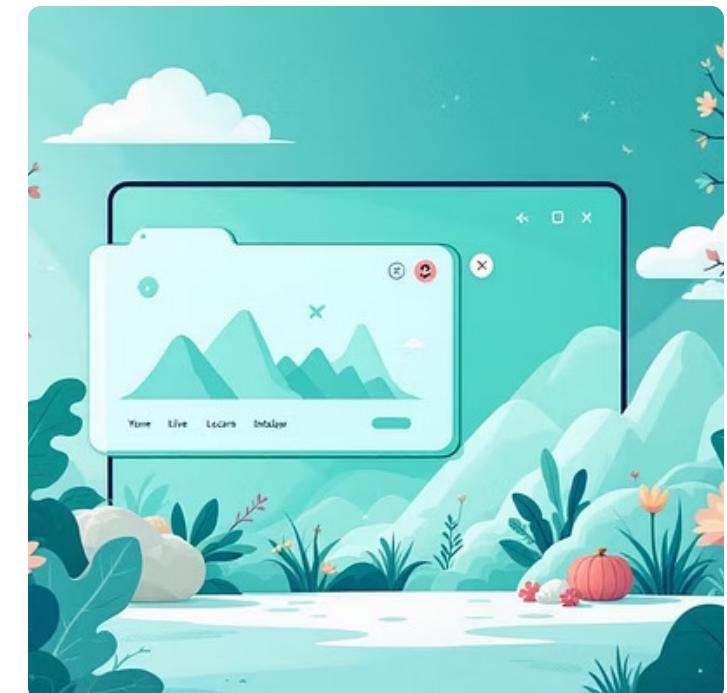


## Administrators

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.

A screenshot of a code editor window displaying abstract, color-coded code. The code uses various colors (pink, yellow, blue) to highlight different parts of the text, making it look like a puzzle or a game. The text includes words like 'dalealarm', 'iusterrean', 'courutr', 'surfour', 'wchatelago', 'gramslant', and 'whtarl sng\_rantions'. The background of the code editor is light blue.

## 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

## Development Environment

# 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.

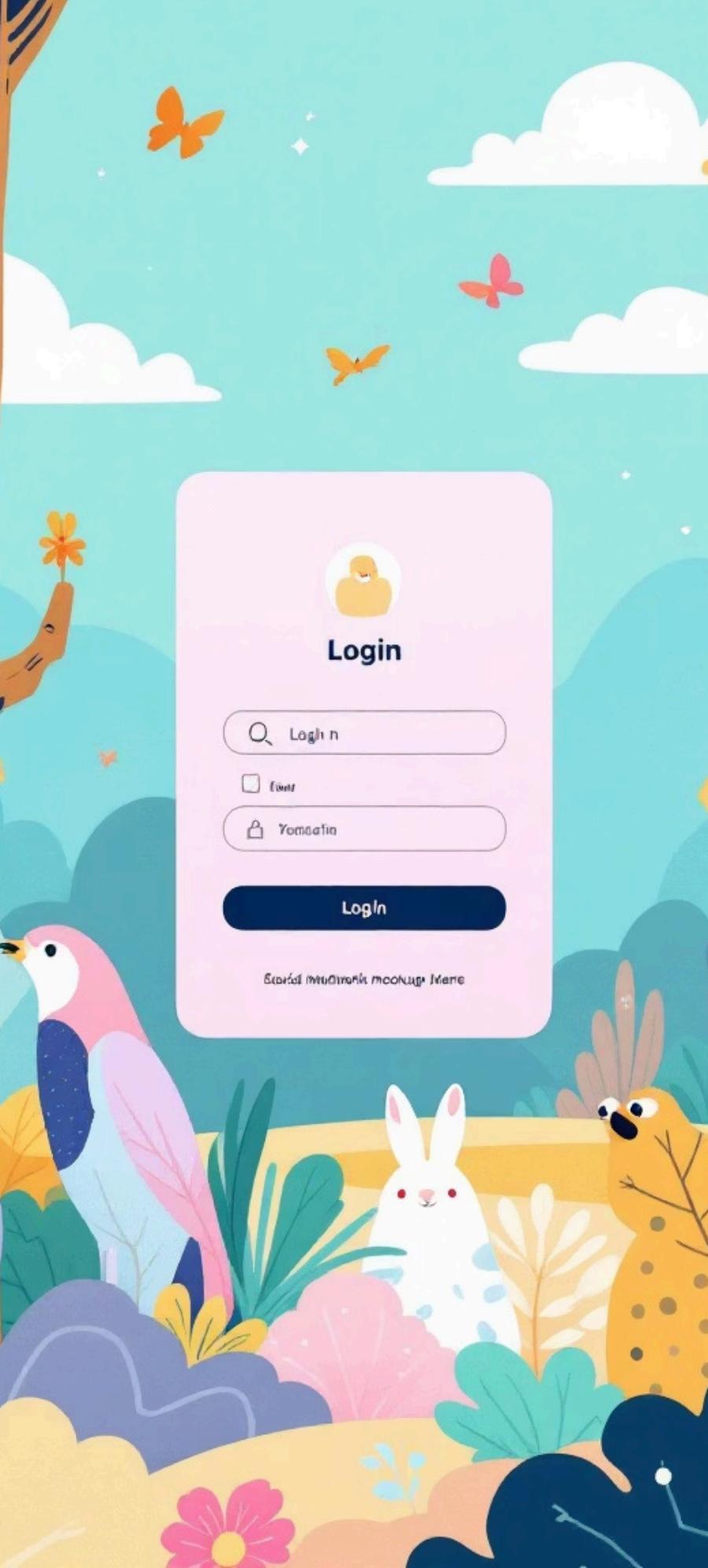
## Future Backend Integration

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

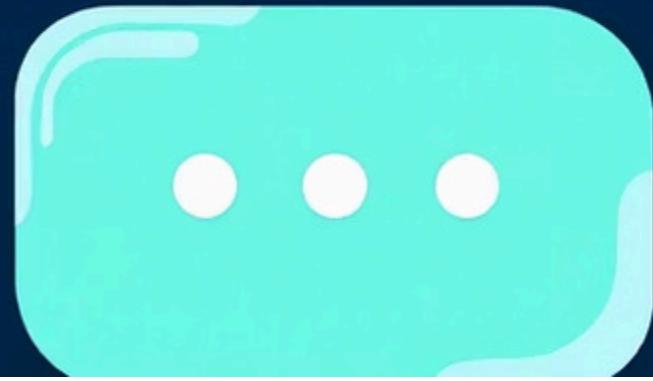
Dedicated pages for every campus organization, featuring event calendars, member directories, and discussion boards.

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

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### Visit Our Site

[www.collegesocial.com](http://www.collegesocial.com)



### Team Acknowledgments

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

