

# **CS 682 Project**

## **Project 1 - A Portal for Managing Students Capstone Projects**

# **USER MANUAL**

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# I. About Capstone Hub

Capstone Hub addresses a common challenge in academic settings: coordinating capstone projects between students seeking meaningful work, organizations offering real-world problems, and instructors overseeing the entire process. Rather than relying on spreadsheets and email chains, this platform centralizes everything into role-based dashboards.

The system supports three distinct user types. Students use the platform to discover projects that match their interests and technical abilities, then rank their top choices before a deadline. Clients—whether companies, nonprofits, or research labs—pitch project ideas and later connect with the teams assigned to them. Instructors orchestrate the workflow: they review proposals, assemble teams using preference data, and coordinate presentation schedules.

# II. Accessing Capstone Hub

## Production URL:

<https://creative-expression-production.up.railway.app/>

Open this link in Chrome, Firefox, Safari, or Edge. No installation required.

For development purposes, the application can also run locally—see the next section.

# III. Running Locally (Detailed Setup Guide)

This section walks you through setting up Capstone Hub on your own computer. Follow each step carefully, especially if you are new to web development.

## Step 1: Install Required Software

Before starting, you need four tools installed on your machine:

### 1.1 Node.js (JavaScript runtime)

- Visit <https://nodejs.org/>
- Download the LTS (Long Term Support) version (v18 or higher)
- Run the installer and follow the prompts
- To verify installation, open Terminal (Mac) or Command Prompt (Windows) and type:

```
node --version
```

- You should see something like v18.17.0

### 1.2 MySQL (Database)

- Visit <https://dev.mysql.com/downloads/mysql/>
- Download MySQL Community Server for your operating system
- During installation, you will be asked to set a root password—remember this password!

- On Mac, you can also install via Homebrew:

```
brew install mysql
brew services start mysql
```

- To verify, type in terminal:

```
mysql --version
```

### **1.3 Git** (Version control)

- Visit <https://git-scm.com/downloads>
- Download and install for your operating system
- On Mac, Git may already be installed. Check by typing:

```
git --version
```

### **1.4 Code Editor** (Recommended)

- Download Visual Studio Code from <https://code.visualstudio.com/>
- This will help you edit configuration files easily

## **Step 2: Download the Project Code**

Open Terminal (Mac) or Command Prompt (Windows) and navigate to where you want to store the project. For example, your Desktop:

```
cd ~/Desktop
```

Now clone (download) the project from GitHub:

```
git clone https://github.com/sricharan0912/
A-Portal-for-Managing-Students-Capstone-Projects-.git
```

This creates a folder called A-Portal-for-Managing-Students-Capstone-Projects-. Enter it:

```
cd A-Portal-for-Managing-Students-Capstone-Projects-
```

You should now see two main folders: frontend and backend.

## **Step 3: Set Up the Database**

### **3.1 Start MySQL** (if not already running)

On Mac:

```
brew services start mysql
```

On Windows: MySQL should start automatically, or use MySQL Workbench.

### **3.2 Log into MySQL**

Open terminal and type:

```
mysql -u root -p
```

Enter your MySQL root password when prompted. You should see the MySQL prompt: mysql>

### 3.3 Create the Database

Type these commands one by one (press Enter after each):

```
CREATE DATABASE capstone_hub;
USE capstone_hub;
source backend/database/schema.sql;
```

If the source command does not work, exit MySQL by typing `exit`, then run:

```
mysql -u root -p capstone_hub < backend/database/schema.sql
```

### 3.4 Verify Tables Were Created

Log back into MySQL and check:

```
mysql -u root -p
USE capstone_hub;
SHOW TABLES;
```

You should see tables like `users`, `projects`, `groups`, `preferences`, etc.

Type `exit` to leave MySQL.

## Step 4: Set Up Firebase Authentication

Firebase handles user login securely. You need both Admin SDK (for backend) and Client SDK (for frontend).

### 4.1 Create a Firebase Project

1. Go to <https://console.firebaseio.google.com/>
2. Click “Add project”
3. Enter a project name (e.g., “capstone-hub”)
4. Disable Google Analytics (optional, simplifies setup)
5. Click “Create project” and wait for it to finish

### 4.2 Enable Email/Password Authentication

1. In your Firebase project, click “Authentication” in the left sidebar
2. Click “Get started”
3. Click “Email/Password”
4. Toggle “Enable” to ON
5. Click “Save”

### 4.3 Get Admin SDK Credentials (for Backend)

1. Click the gear icon (Settings) next to “Project Overview”
2. Select “Project settings”
3. Go to the “Service accounts” tab

4. Click “Generate new private key”
5. A JSON file will download—open it in a text editor
6. You will need: project\_id, client\_email, and private\_key

#### **4.4 Get Client SDK Credentials (for Frontend)**

1. In Project settings, go to the “General” tab
2. Scroll down to “Your apps”
3. Click the web icon (</>) to add a web app
4. Enter a nickname (e.g., “capstone-web”)
5. Click “Register app”
6. You will see a config object with apiKey, authDomain, etc.—copy these values

### **Step 5: Configure Backend Environment**

#### **5.1 Open the project in VS Code:**

code .

#### **5.2 Navigate to the backend folder**

#### **5.3 Create a new file called .env (note the dot at the beginning)**

#### **5.4 Paste the following and fill in your values:**

```
# Server Configuration
PORT=5050

# Database Configuration
DB_HOST=localhost
DB_USER=root
DB_PASSWORD=your_mysql_password_here
DB_NAME=capstone_hub

# JWT Secret (make up a random string)
JWT_SECRET=any-random-secret-string-here-abc123

# Firebase Admin SDK (from the JSON file you downloaded)
FIREBASE_PROJECT_ID=your-project-id
FIREBASE_CLIENT_EMAIL.firebaseio-adminsdk-xxxxx@your-project.iam.gserviceaccount.com
FIREBASE_PRIVATE_KEY="-----BEGIN PRIVATE KEY-----
\nYourKeyHere\n-----END PRIVATE KEY-----\n"
```

**Important:** The FIREBASE\_PRIVATE\_KEY must be wrapped in double quotes and keep the \n characters.

### **Step 6: Configure Frontend Environment**

#### **6.1 Navigate to the frontend folder**

#### **6.2 Create a new file called .env**

### **6.3 Paste the following and fill in your Firebase web config:**

```
# API URL (points to your local backend)
VITE_API_URL=http://localhost:5050

# Firebase Client SDK
# (from Firebase Console > Project Settings > Your Apps)
VITE_FIREBASE_API_KEY=AIzaSyB1234567890abcdefg
VITE_FIREBASE_AUTH_DOMAIN=your-project.firebaseio.com
VITE_FIREBASE_PROJECT_ID=your-project-id
VITE_FIREBASE_STORAGE_BUCKET=your-project.appspot.com
VITE_FIREBASE_MESSAGING_SENDER_ID=123456789012
VITE_FIREBASE_APP_ID=1:123456789012:web:abcdef123456
```

## **Step 7: Install Dependencies**

Open a terminal in VS Code (Terminal > New Terminal) or use your system terminal.

### **7.1 Install backend packages:**

```
cd backend
npm install
```

Wait for installation to complete. You will see a `node_modules` folder appear.

### **7.2 Install frontend packages:**

```
cd ../frontend
npm install
```

This may take a few minutes.

## **Step 8: Start the Application**

You need two terminal windows running simultaneously.

### **Terminal 1 — Start Backend:**

```
cd backend
npm run dev
```

You should see: “Server running on port 5050”

### **Terminal 2 — Start Frontend:**

```
cd frontend
npm run dev
```

You should see a local URL like: `http://localhost:5173`

## **Step 9: Open the Application**

Open your web browser (Chrome recommended) and go to:

## **http://localhost:5173**

You should see the Capstone Hub landing page. You can now create an account and start using the application!

### **Troubleshooting Common Setup Issues**

- “**command not found: node**” — Node.js is not installed or not in your PATH. Reinstall Node.js.
- “**Access denied for user root**” — Your MySQL password is incorrect. Try resetting it.
- “**ECONNREFUSED 127.0.0.1:3306**” — MySQL is not running. Start it with `brew services start mysql` (Mac) or via Services (Windows).
- “**Firebase: Error (auth/invalid-api-key)**” — Check that your Firebase API key in frontend `.env` is correct.
- **Backend crashes on startup** — Check that all `.env` values are filled in correctly, especially the Firebase private key format.
- **Port already in use** — Another application is using port 5050 or 5173. Close it or change the port in `.env`.

## IV. Platform Walkthrough

### Registration and Login

First-time users click “Get Started” on the landing page. The signup form collects your name, email, a password (minimum six characters), and your role. After submitting, you land directly in your dashboard.

Returning users select “Login,” enter credentials, pick their role from the dropdown, and proceed.

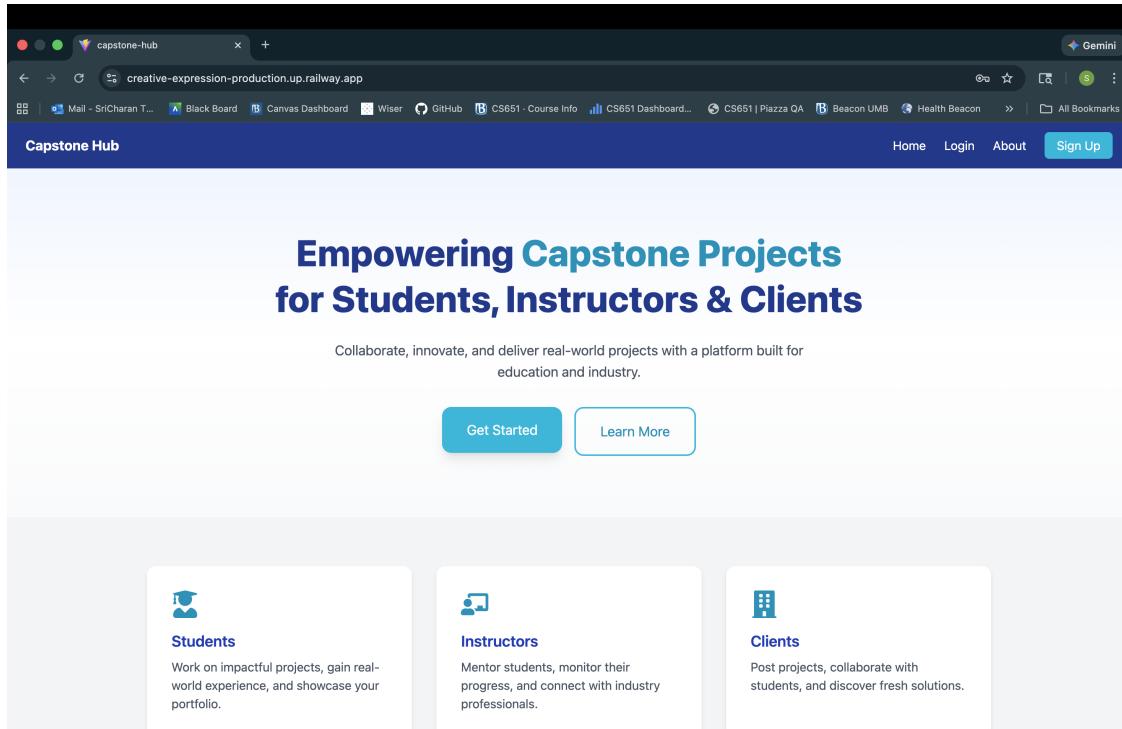


Figure 1: Landing page with Get Started button

The screenshot shows a web browser window with the URL `creative-expression-production.up.railway.app/signup`. The page has a dark blue header with the text "Capstone Hub". Below the header is a white sign-up form titled "Let's create your account.". The form includes dropdown menus for "Student" and "Client", input fields for "First name \*", "Last name \*", "Email \*", "Password \*", and "Confirm password \*". A "Create account" button is at the bottom, followed by a "Sign up with Google" button with a Google icon. At the very bottom, there is a link "Already have an account? [Login](#)".

Figure 2: Signup form

The screenshot shows a web browser window with the URL `creative-expression-production.up.railway.app/login`. The page has a dark blue header with the text "Capstone Hub". Below the header is a white login form titled "Welcome back 🌟". The form includes dropdown menus for "Client" and "Student", input fields for "Email \*" and "Password \*", and a "Remember me" checkbox. A "Forgot password?" link is next to the password field. A "Login" button is at the bottom, followed by a "Continue with Google" button with a Google icon. At the very bottom, there is a link "Don't have an account? [Sign up](#)".

Figure 3: Login form

## For Clients

### Your Dashboard

Upon login, you see summary cards: how many proposals you have submitted, how many are approved, and whether any teams have been linked to your projects yet.

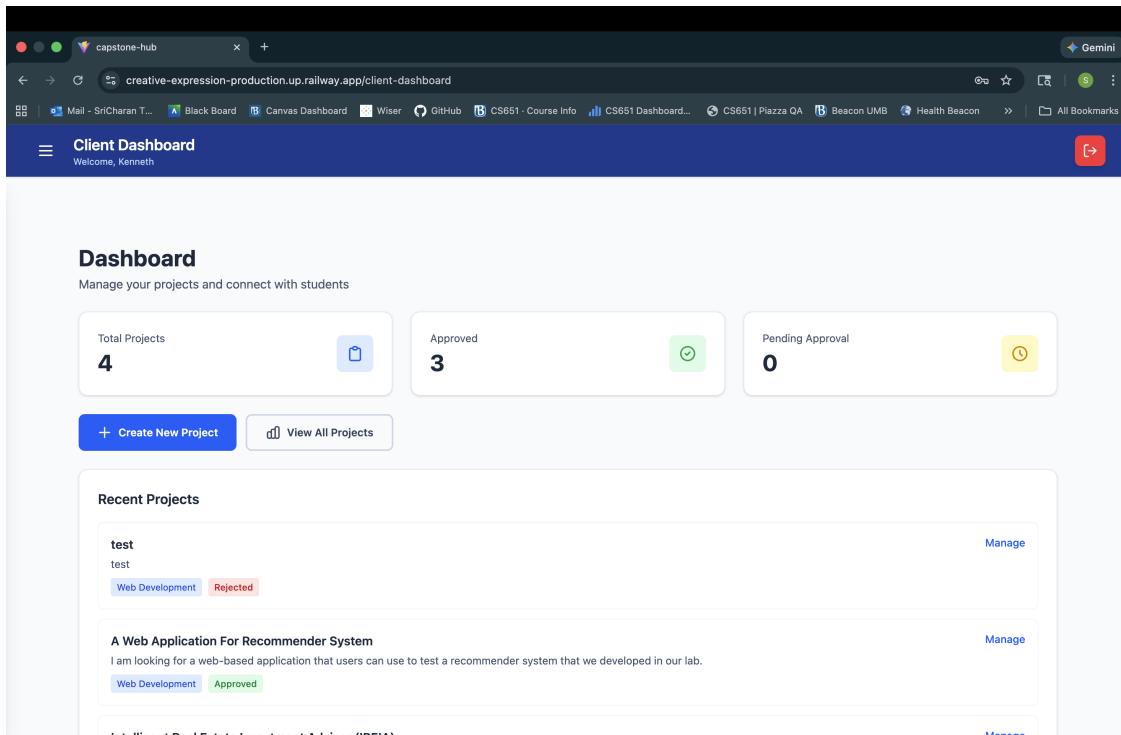


Figure 4: Client dashboard overview

### Proposing a Project

Navigate to “My Projects” via the sidebar. Hit the “Create Project” button. You will fill out:

- A concise title
- A thorough description of objectives and deliverables
- Skills students should have (e.g., Python, React, SQL)
- Ideal team size
- A category label

Once submitted, the proposal enters a queue for instructor review.

**Create New Project**

Provide detailed information about your project so students can understand your requirements.

**Basic Information**

Essential details about your project

**Project Title \***

e.g., E-commerce Platform Development

**Project Description \***

Provide a comprehensive overview of your project, including goals, scope, and any specific requirements...

Provide detailed information about your project

**Project Category**

Select a category

**Industry/Domain**

Select an industry

**Technical Requirements**

Figure 5: Project creation form - Basic Information

**Technical Requirements**

Skills and complexity level needed

**Skills Required \***

e.g., React, Node.js, MySQL, AWS

Use commas to separate multiple skills

**Complexity Level**

Select complexity level

**Project Scope**

Expected outcomes and deliverables

**Expected Deliverables**

e.g., Working web application, Source code on GitHub, User documentation, Final presentation, Technical report...

List all expected outputs from the project

**Team & Timeline**

Team requirements and project duration

Team Size	Start Date	End Date
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Figure 6: Project creation form - Technical Requirements

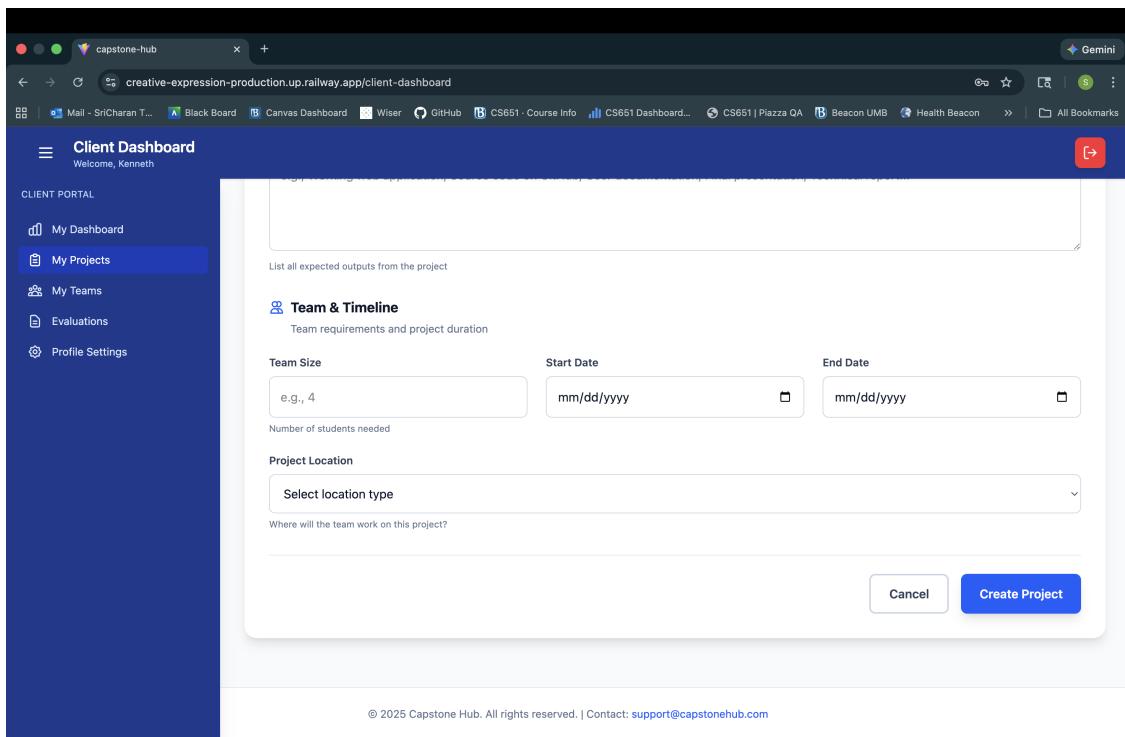


Figure 7: Project creation form - Team & Timeline

## Tracking Proposal Status

Your projects appear under three tabs: Approved (green), Pending (yellow), and Rejected (red). If rejected, the instructor's feedback explains what to revise before resubmitting.

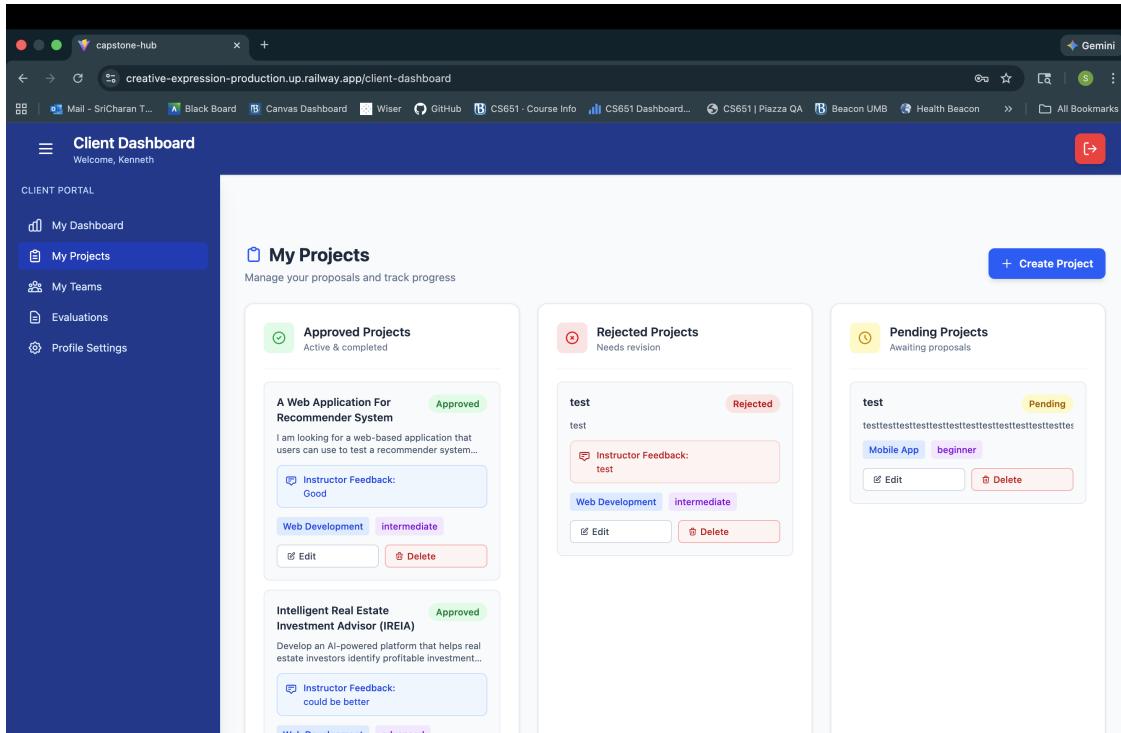


Figure 8: Project list showing status tabs

## Meeting Your Team

After groups form, “My Teams” displays each assigned group: project name, member names, and email addresses so you can coordinate meetings.

The screenshot shows a web browser window titled "Client Dashboard" with the URL "creative-expression-production.up.railway.app/client-dashboard". The dashboard has a dark blue header with the title and a user profile. Below the header is a sidebar titled "CLIENT PORTAL" containing links: "My Dashboard", "My Projects", "My Teams" (which is highlighted in blue), "Evaluations", and "Profile Settings". The main content area is titled "My Teams" and displays the following statistics: "Total Projects" (5), "Assigned Teams" (3), "Total Students" (12), and "Approved" (0). Below these stats is a list of teams. The first team listed is "A Portal for Managing Students Capstone Projects" with 3 members, including Bharath Karumanchi (BK) and FASIUR REHMAN SHAIK (FS). The second team listed is "A Web Application For Recommender System" with 6 members, including Vamshi Kasarla (VK).

Figure 9: Teams view with member details

## Evaluation Schedule

“Evaluations” lists upcoming reviews—sprints, milestones, or final presentations—along with dates, times, and locations.

The screenshot shows a web browser window titled "capstone-hub" with the URL "creative-expression-production.up.railway.app/client-dashboard". The dashboard has a dark blue header with the text "Client Dashboard" and "Welcome, Kenneth". On the left, there's a sidebar titled "CLIENT PORTAL" with links: "My Dashboard", "My Projects", "My Teams", "Evaluations" (which is highlighted in blue), and "Profile Settings". The main content area is titled "Project Evaluations" with the sub-instruction "Track sprints, milestones, and progress updates for your projects". It features four summary boxes: "Total" (2), "Scheduled" (2), "Milestones" (0), and "Completed" (0). Below these are two detailed items:

- final review**: Status is "Final". Description: "final review". Date: "Wednesday, Jan 7". Location: "room 401". Duration: "19 days left".
- test**: Status is "Sprint". Description: "test". Date: "Thursday, Dec 18 at 10:13 PM". Location: "room 401".

At the bottom, there's a section titled "About Evaluations" with icons and descriptions:

- Sprint Reviews**: Regular check-ins on progress.
- Weekly Updates**: Regular status meetings.
- Milestones**: Major project deliverables.
- Final Presentation**: End of project demonstration.

Figure 10: Client evaluation calendar

## For Students

### Your Dashboard

The student dashboard highlights two key items: whether you have submitted preferences yet, and how much time remains before the deadline. Quick-link cards let you jump to projects, preferences, or your group.

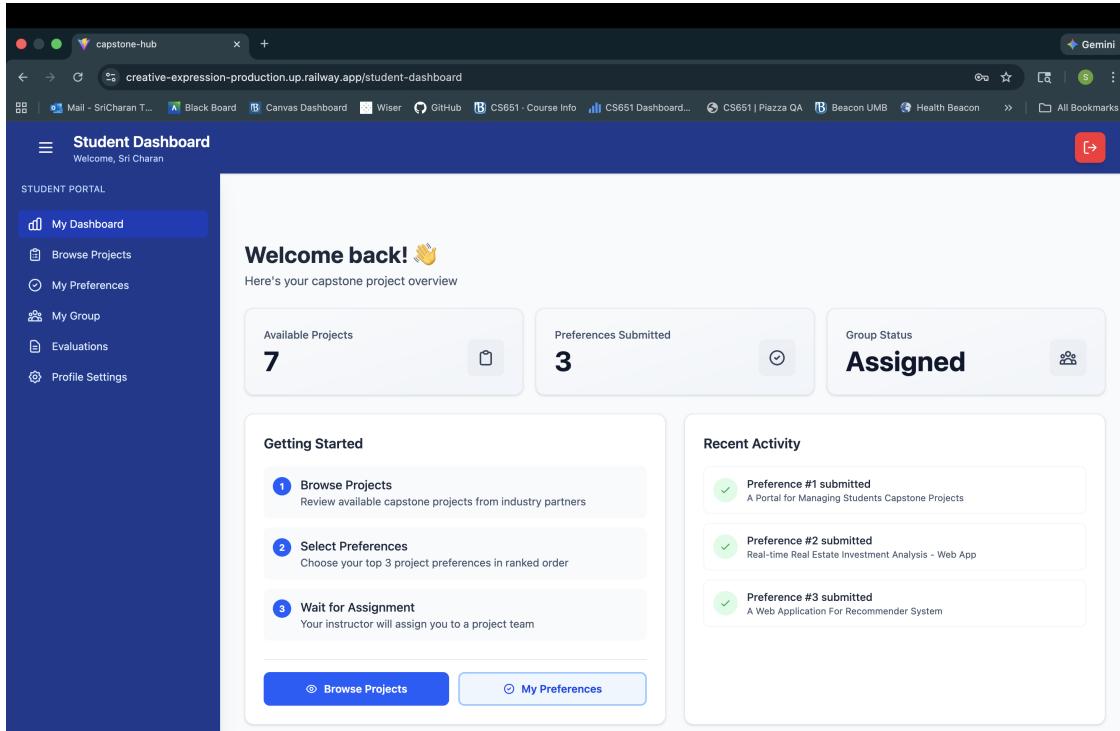


Figure 11: Student dashboard with deadline countdown

### Exploring Projects

“Browse Projects” shows every approved proposal. Each card includes the title, client name, description snippet, required skills, and team size. Use this view to shortlist options.

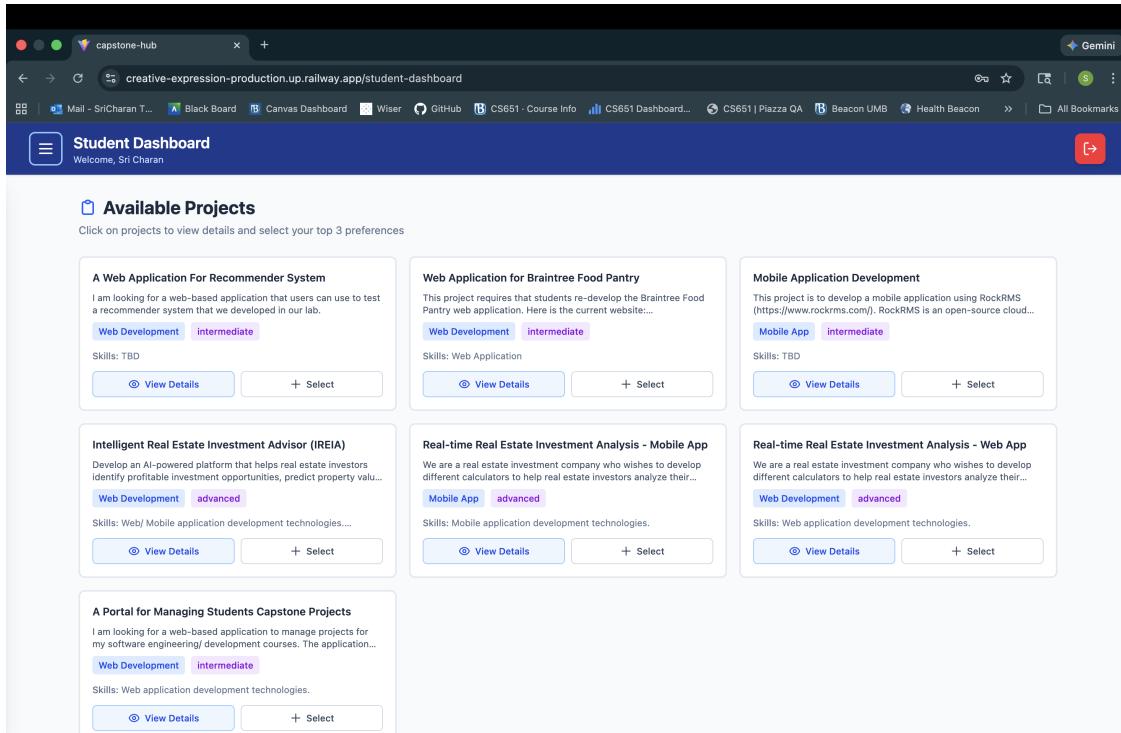


Figure 12: Project browsing grid

## Ranking Your Choices

Open “My Preferences.” On the right you see available projects; click “Add” to move one into your ranked list on the left. Drag items up or down to reorder—position one is your top pick. When satisfied, click “Save Rankings.” You can revise anytime before the deadline.

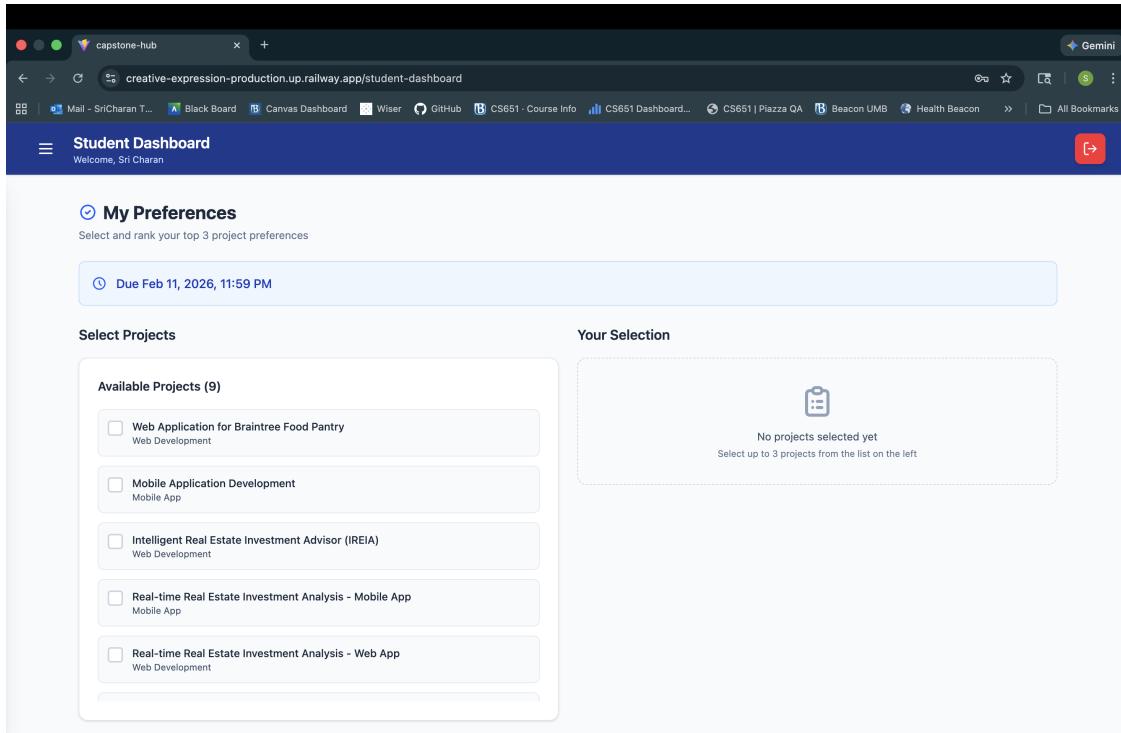


Figure 13: Preference ranking interface

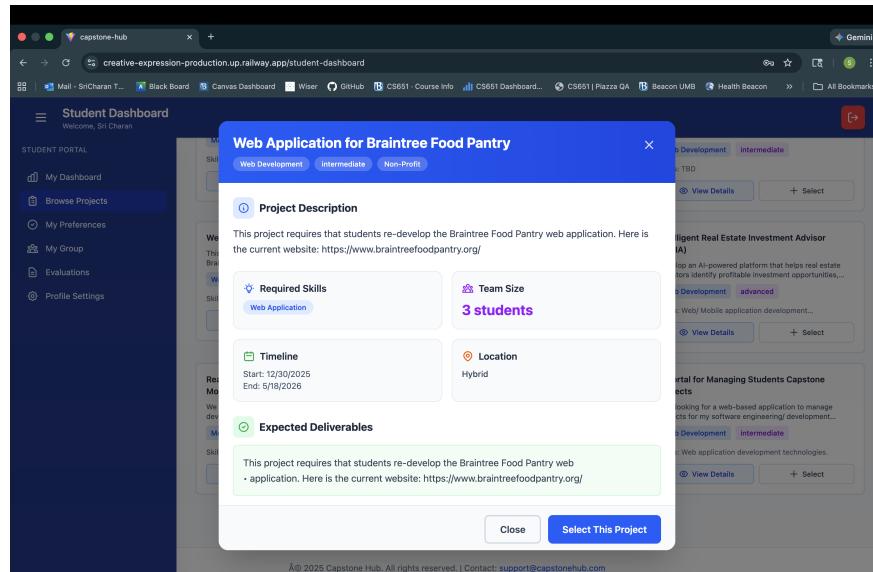


Figure 14: Project details modal

## Group Assignment

Once the instructor finalizes teams, “My Group” reveals your project and teammates. Until then, this section simply notes that assignments are pending.

The screenshot shows the 'Student Dashboard' page from the 'capstone-hub' application. The left sidebar has a 'My Group' section selected. The main content area displays 'My Group' information, including a green success message 'Group Assigned!' and a project deadline of 'Jul 18, 2026, 8:00 PM'. It also shows 'Project Details' like 'A Web Application For Recommender System' and 'Group Information' with a deadline of 'Jul 18, 2026'.

Figure 15: Assigned group details - Project Information

The screenshot shows the 'Student Dashboard' page from the 'capstone-hub' application. The left sidebar has a 'My Group' section selected. The main content area displays 'Team Members (6)' with profiles for Eshanthes, LohithReddy Mudipalli, Puneeth Muthineni, Rakesh Borra, Sri Charan Tadiparthi, and Sumukh Veeramalla. Below this is a 'Next Steps' section with a bulleted list of tasks.

Figure 16: Assigned group details - Team Members

## Evaluations

After joining a group, “Evaluations” shows your scheduled presentations. A countdown badge indicates days remaining for each event.

The screenshot shows a web browser window titled "capstone-hub" with the URL "creative-expression-production.up.railway.app/student-dashboard". The dashboard has a dark blue header with the text "Student Dashboard" and "Welcome, Sri Charan". On the right side of the header is a red square button with a white arrow pointing right. Below the header, there is a search bar with the placeholder "Search evaluations...". To the right of the search bar are three buttons: "Upcoming" (highlighted in yellow), "Past", and "All". Below the search bar, there are four summary boxes: "Total" (2), "Scheduled" (2, highlighted in yellow), "Milestones" (0), and "Completed" (0). Under these boxes, there are two evaluation items listed in cards:

- Final review**  
final review  
final review  
Wednesday, Jan 7 room 401  
19 days left
- Sprint test**  
test  
test  
Thursday, Dec 18 at 10:13 PM room 401

At the bottom of the card list is a link "About Evaluations".

Figure 17: Upcoming evaluations with countdown

## For Instructors

### Your Dashboard

Summary tiles present at-a-glance metrics: total enrolled students, number of active projects, evaluations due soon, and the current preference deadline.

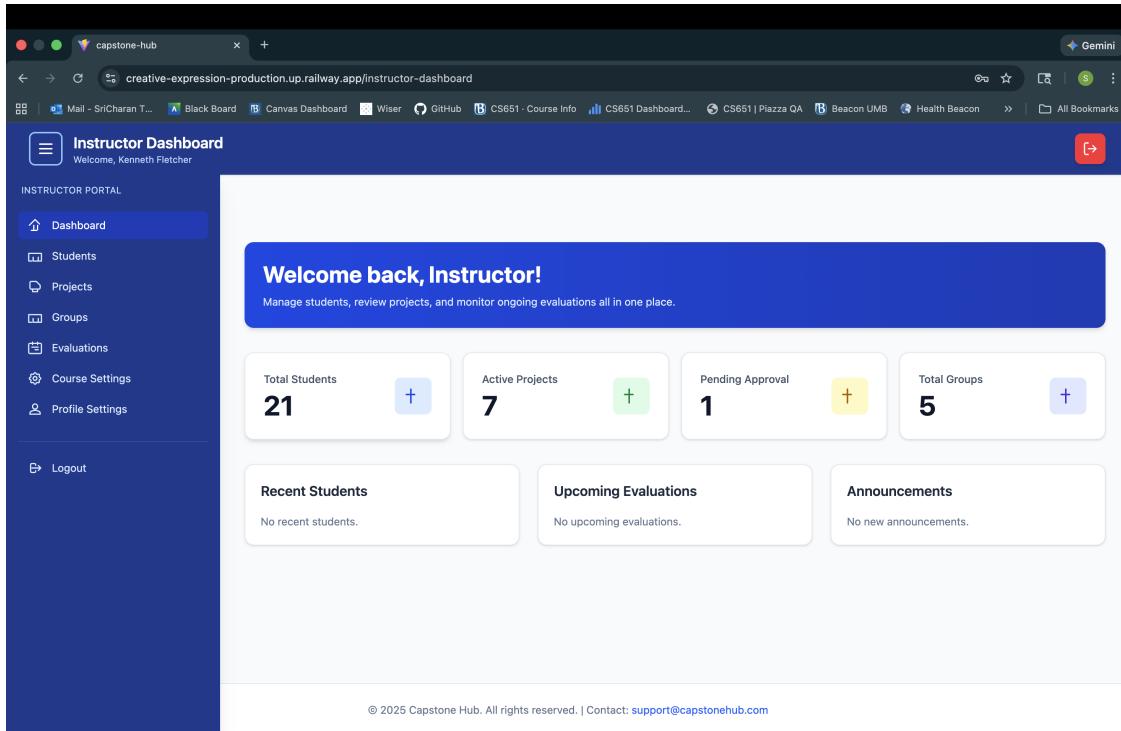


Figure 18: Instructor dashboard statistics

### Student Roster

“Students” lists everyone registered with the student role. You can search by name, view assignment status, or manually add a student who missed self-registration.

The screenshot shows a web browser window titled "capstone-hub" with the URL "creative-expression-production.up.railway.app/instructor-dashboard/students". The page has a dark blue header with the title "Instructor Dashboard" and a sub-header "Welcome, Kenneth Fletcher". Below the header is a search bar with placeholder text "Search students..." and a magnifying glass icon. To the right of the search bar is a blue button with white text "+ Add Student". The main content area is titled "Students" and contains a table with four columns: NAME, EMAIL, STATUS, and ACTIONS. The table lists 15 student entries, each with a "View" button under the ACTIONS column. The STATUS column for all students is "Active".

NAME	EMAIL	STATUS	ACTIONS
manasa hari	manasa@gmail.com	Active	<a href="#">View</a>
harry harry	harry@hmail.com	Active	<a href="#">View</a>
Hari Teja	nixipih432@kudimi.com	Active	<a href="#">View</a>
Guanjie Lin	lin@gmail.com	Active	<a href="#">View</a>
Sumukh Veeramalla	Sumukh@gmail.com	Active	<a href="#">View</a>
LohithReddy Mudipalli	lohith@gmail.com	Active	<a href="#">View</a>
Bharath Karumanchi	Bharath@gmail.com	Active	<a href="#">View</a>
Luis Gonzalez	Luis@gmail.com	Active	<a href="#">View</a>
Zhen lu	zhen@gmail.com	Active	<a href="#">View</a>
Eshanthes es	Eshanthes@gmail.com	Active	<a href="#">View</a>
Hao Cheng	hao@gmail.com	Active	<a href="#">View</a>
Rakesh Borra	Rakesh@gmail.com	Active	<a href="#">View</a>

Figure 19: Student table

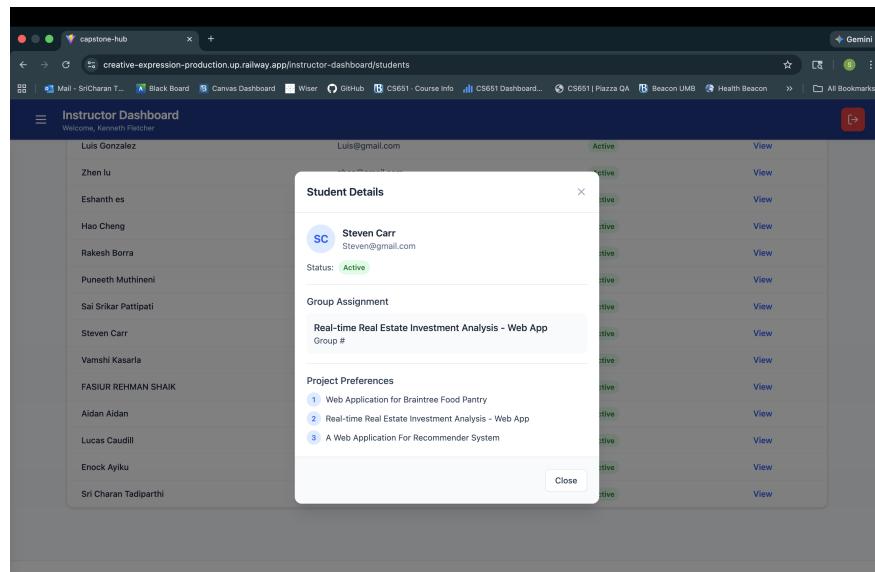


Figure 20: Student details modal

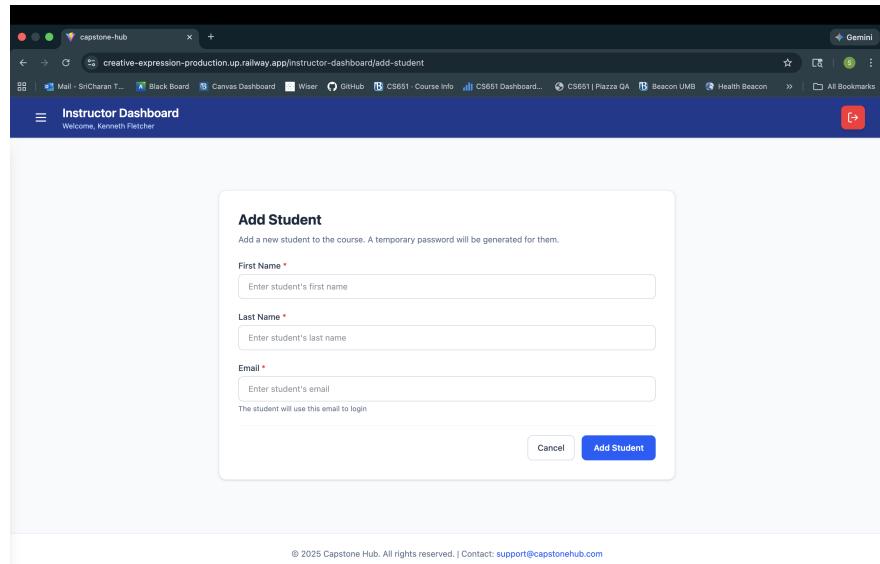


Figure 21: Add student form

## Project Approval Workflow

“Projects” aggregates all client submissions. Click any card to inspect full details. From there, approve the proposal to make it visible to students, or reject it with written feedback. Rejected projects return to the client for revision.

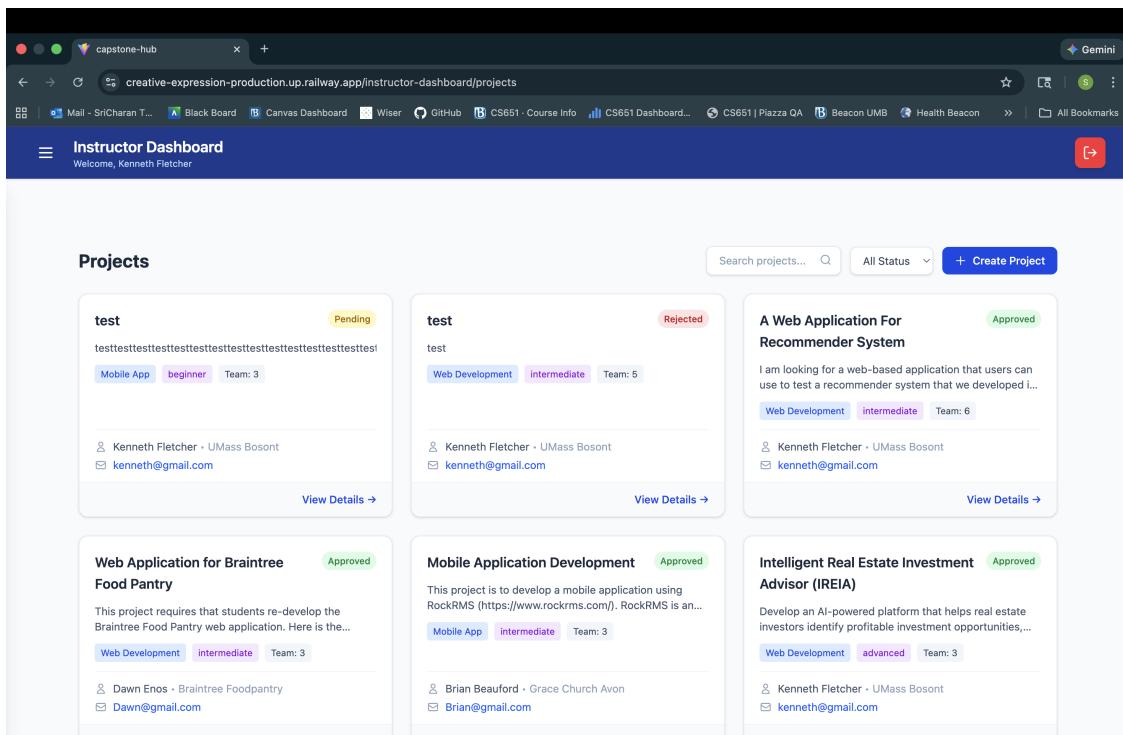


Figure 22: Projects overview

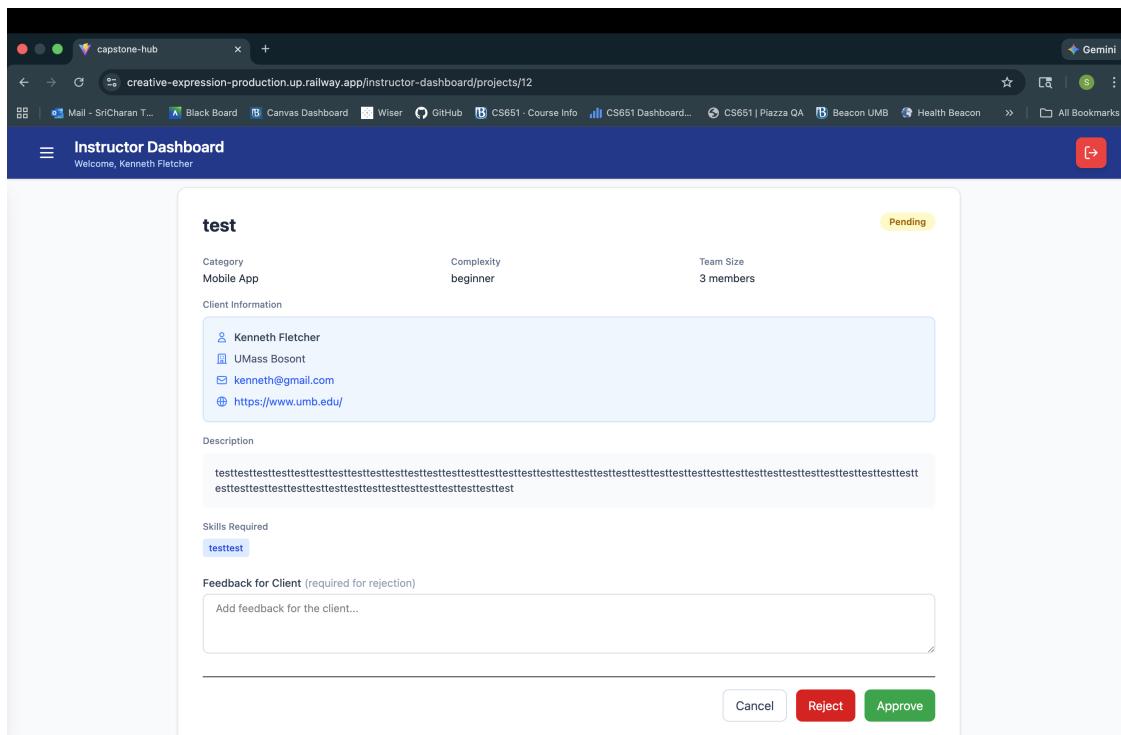


Figure 23: Project detail with approve/reject buttons

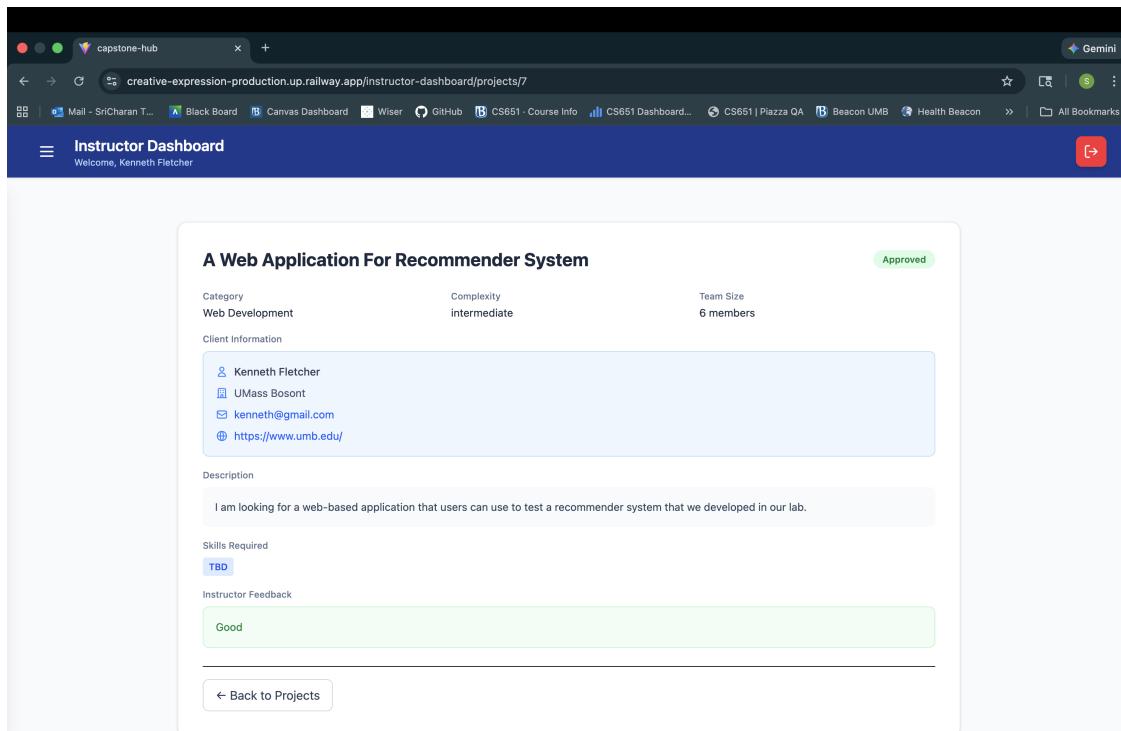


Figure 24: Approved project with instructor feedback

## Building Teams Manually

Under “Groups,” click “Create Group.” Provide a name, choose a project, then multi-select students. Confirm to lock in the assignment.

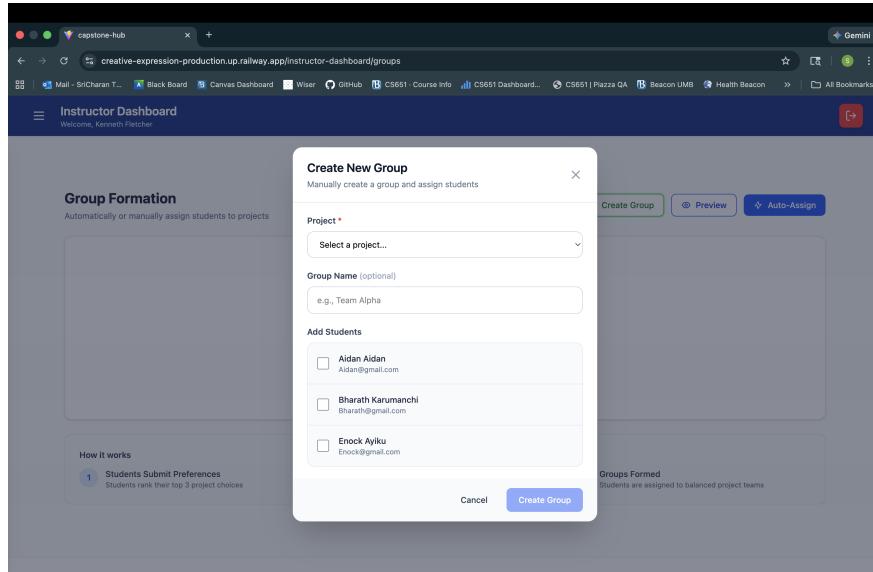


Figure 25: Manual group creation form

## Automated Group Formation

Click “Automate Groups” for algorithm-driven assignments. Pick a target group size, then hit “Preview.” The system displays proposed teams alongside a satisfaction metric—the percentage of students placed in one of their preferred projects. If acceptable, finalize with one click; otherwise, adjust parameters and regenerate.

**Group Formation**

Automatically or manually assign students to projects

**Assignment Statistics**

- 21 Total Students
- 18 With Preferences
- 17 Assigned
- 10 1st Choice
- 4 2nd Choice
- 3 3rd Choice
- 80.2% Satisfaction

**Current Groups (5)**

Group Name	Description	Status	Members
A Portal for Managing Students Capstone Projects	3 members	active	Vamshi Kasarla, Sai Srikar Pattiapti, Bharath Karumanchi
Real-time Real Estate Investment Analysis - Web App	3 members	active	Rakesh Borra, Hao Cheng
Intelligent Real Estate Investment Advisor (IREIA)	3 members	active	Lucas Caudill, Sumukh Veeramalla, Guanjie Lin
Web Application for Braintree Food Pantry	3 members	active	Enock Ayiku, Aidan Aidan, Steven Carr

Figure 26: Groups formed after auto-assignment

**How it works**

- Students Submit Preferences**  
Students rank their top 3 project choices
- Algorithm Optimizes**  
Maximizes satisfaction while respecting team sizes
- Groups Formed**  
Students are assigned to balanced project teams

Figure 27: Auto-assignment - Groups with preference indicators

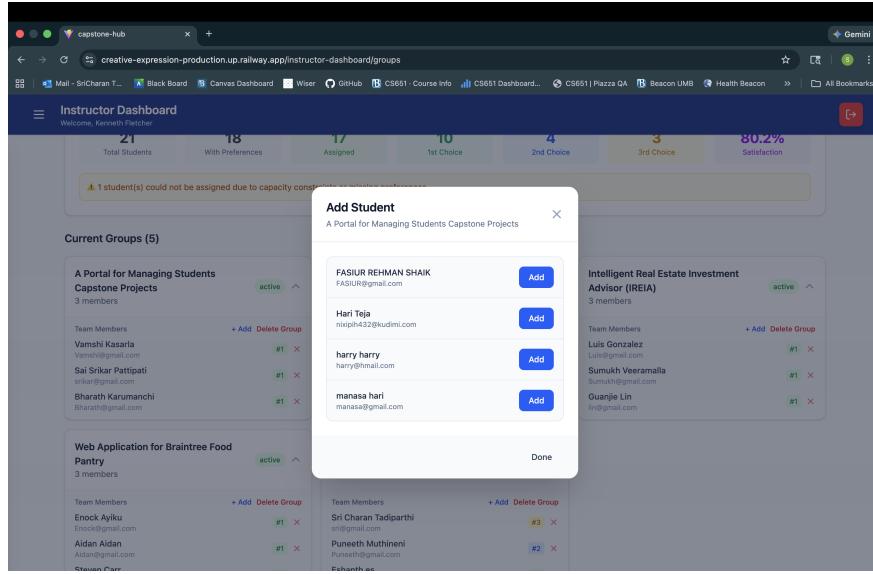


Figure 28: Auto-assignment - Add unassigned students to groups

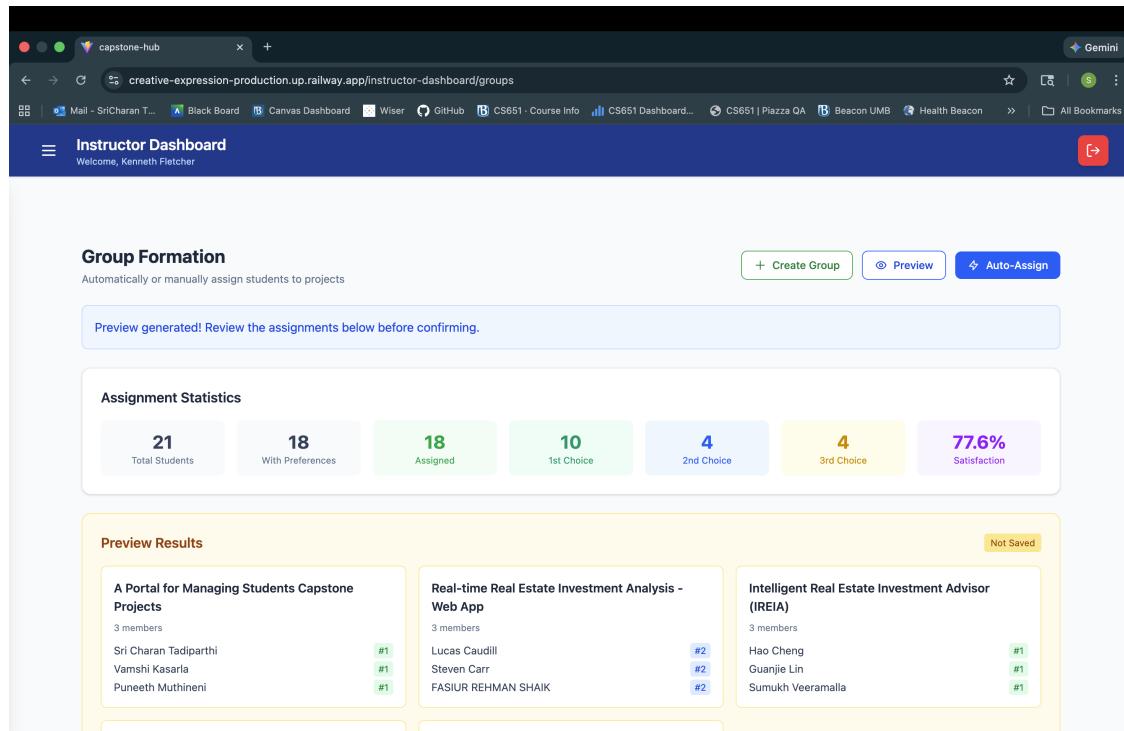


Figure 29: Preview with satisfaction score and assignment statistics

The screenshot shows the Instructor Dashboard interface. At the top, there's a navigation bar with tabs like 'Mail - SriCharan T...', 'Black Board', 'Canvas Dashboard', 'Wiser', 'GitHub', 'CS651 - Course Info', 'CS651 Dashboard...', 'CS651 | Piazza QA', 'Beacon UMB', 'Health Beacon', and 'All Bookmarks'. A 'Gemini' icon is also present.

The main area is titled 'Instructor Dashboard' and 'Welcome, Kenneth Fletcher'. It displays five project groups:

- A Portal for Managing Students Capstone Projects**: 3 members. Members: Sri Charan Tadiparthi, Vamshi Kasarla, Puneeth Muthineni. Status: #1, #1, #1.
- Real-time Real Estate Investment Analysis - Web App**: 3 members. Members: Lucas Caudill, Steven Carr, FASIUR REHMAN SHAIK. Status: #2, #2, #2.
- Intelligent Real Estate Investment Advisor (IREIA)**: 3 members. Members: Hao Cheng, Guanjie Lin, Sumukh Veeramalla. Status: #1, #1, #1.
- Web Application for Braintree Food Pantry**: 3 members. Members: Enock Ayiku, Zhen lu, Aidan Aldan. Status: #1, #1, #1.
- A Web Application For Recommender System**: 6 members. Members: Eshanthes, Luis Gonzalez, Bharath Karumanchi, Sai Srikanth Pattipati, LohithReddy Mudipalli, Rakesh Borra. Status: #1, #2, #3, #3, #3, #3.

At the bottom right of the dashboard are 'Dismiss Preview' and 'Confirm & Save Groups' buttons.

Below the dashboard, a 'How it works' section is shown with three numbered steps:

- 1 Students Submit Preferences**: Students rank their top 3 project choices.
- 2 Algorithm Optimizes**: Maximizes satisfaction while respecting team sizes.
- 3 Groups Formed**: Students are assigned to balanced project teams.

Figure 30: Preview results - Detailed group assignments

## Scheduling Evaluations

“Evaluations” shows all reviews across every group. To add one, click “Schedule Evaluation,” select the team, set a date and time, choose a type (Sprint, Milestone, Weekly, Final), and specify a location or virtual meeting link.

The screenshot shows the Instructor Dashboard with the title "Evaluations". Below it, a sub-header reads "Schedule and manage sprints, milestones, and weekly updates". A search bar contains the placeholder "Search evaluations...". To its right are dropdown menus for "All Status" and "All Types". Below these are four summary boxes: "Total" (2), "Scheduled" (2), "In Progress" (0), and "Completed" (0). Two evaluation items are listed: "final review" (Final, Scheduled) scheduled for Wednesday, Jan 7, 2026, at room 401; and "test" (Sprint, Scheduled) scheduled for Thursday, Dec 18, 2025, at room 401.

Figure 31: Evaluation list

The screenshot shows the "Schedule Evaluation" form. The title is "Schedule Evaluation" and the sub-instruction is "Create a new sprint, milestone, or weekly update for student groups.". The "Evaluation Type" section contains four options: "Sprint Review" (Regular sprint check-in), "Weekly Update" (Weekly progress meeting), "Milestone" (Major project milestone), and "Final Presentation" (End of project evaluation). The "Basic Information" section includes fields for "Title" (with placeholder "e.g., Sprint 3 Review") and "Description" (with placeholder "What will be covered in this evaluation?").

Figure 32: Schedule evaluation form - Evaluation Type

Provide details about the evaluation agenda

**Group**

All groups / No specific group

**Project**

All projects / No specific project

**Schedule**

When and where will this evaluation take place

Date *	Time	Due Date
mm/dd/yyyy	--::--	mm/dd/yyyy

Deadline for submissions

**Location**

e.g., Room 101 or Online

**Meeting Link**

https://zoom.us/j/...

Video conferencing link for remote meetings

**Additional Information**

Optional details about this evaluation

**Evaluator Name**

Who will conduct this evaluation?

**Notes**

Any additional instructions or requirements...

Figure 33: Schedule evaluation form - Schedule Details

**Location**

e.g., Room 101 or Online

**Meeting Link**

https://zoom.us/j/...

Video conferencing link for remote meetings

**Additional Information**

Optional details about this evaluation

**Evaluator Name**

Who will conduct this evaluation?

**Notes**

Any additional instructions or requirements...

**Schedule Evaluation**

Figure 34: Schedule evaluation form - Additional Information

## Setting the Preference Deadline

In “Course Settings,” pick a date and time by which students must submit rankings. Save, and the deadline propagates to every student dashboard.

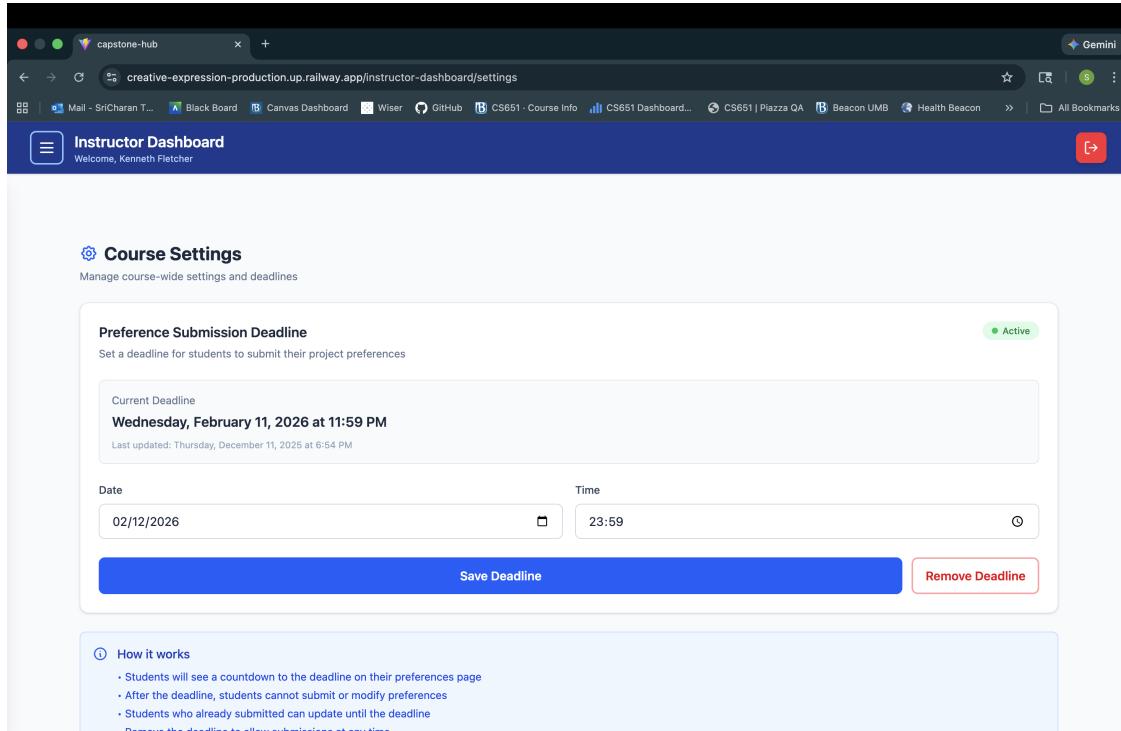


Figure 35: Deadline configuration

## V. Common Issues

- **Login fails** — Double-check that your chosen role matches the one used during registration.
- **No projects visible (student)** — Only approved projects appear; pending ones remain hidden until an instructor acts.
- **Preferences won't save** — The deadline has passed. Contact your instructor.
- **Group page blank** — Teams have not been formed yet.
- **Evaluations missing** — You must be assigned to a group before evaluations appear.

## VI. Technical Overview

Layer	Technology
Frontend	React 18, Vite, Tailwind CSS
Backend	Node.js, Express
Database	MySQL 8
Auth	Firebase Authentication, JWT
Hosting	Railway