

ECE 461L: Group Project - Project Management Web App | User Documentation

Visit the live project at software-project.armaanv.com

Built by Armaan Vakharia, Arnav Kithania, Fahim Imtaiz, and Wasay Asrar for Dr. Abhay Samant's Spring 2024 course at the University of Texas at Austin.

Table of Contents

- [ECE 461L: Group Project - Project Management Web App | User Documentation](#)
 - [Table of Contents](#)
 - [Introduction](#)
 - [Getting Started](#)
 - [Returning Users](#)
 - [Creating a Project](#)
 - [Joining a Project](#)
 - [Viewing and Editing Project Details](#)
 - [Checking In and Out Resources](#)
 - [Leaving or Deleting a Project](#)
 - [View/Edit Profile](#)
 - [Logging Out](#)
 - [Changing the Page Theme](#)
 - [Need Help?](#)
 - [Thank you for using our project! 🚀](#)

Introduction

The project is a web app that allows users to create and manage projects and assigned hardware resources. The app has a user interface that allows users to create projects, join existing projects, and assign resources to projects. The app also has a backend that manages the database and handles the business logic of the app.

Getting Started

1. Open the app in your browser by visiting software-project.armaanv.com

If you see an alert that the backend is not running, please wait. The backend may take a minute to start. You will not be able to use the app until the backend is running.

2. Click on **Get Started** to create an account or log in.
3. Click on **Create Account** to create a new account.
4. Select a unique username, a display name, and password and click **Create Account**.
5. Log in with your new account (see [Returning Users](#)).

Returning Users

1. Open the app in your browser by visiting software-project.armaanv.com

If you see an alert that the backend is not running, please wait. The backend may take a minute to start. You will not be able to use the app until the backend is running.

2. Click on **Get Started** to create an account or log in.
3. Enter your username and password and click **Login**.

Creating a Project

1. Click on **Create New Project** in the navigation bar, at the top of the page.
2. Select a unique numeric project ID, a project name, and a project description. Select a timeline for the project.
3. Click **Create Project** to create the project.

Joining a Project

1. Click on **Join Existing Project** in the navigation bar, at the top of the page.
2. Search for an existing project by its numeric project ID. Do not include **project-** in the search.
3. Click **Find Project** to search for and join the project.

Viewing and Editing Project Details

1. Click on **All Projects** in the navigation bar, at the top of the page.
2. Beneath each project, you will see a **Manage** button. Click on this button to view the project's details.

3. Aside each project detail, select the  icon to edit the detail.

The project ID and owner cannot be changed.

Checking In and Out Resources

1. Click on **All Projects** in the navigation bar, at the top of the page.
2. Beneath each project, you will see a **Manage** button. Click on this button to view the project's details.
3. Underneath the hardware set you would like to check in or out from, enter a quantity, or use the buttons or slider to select a quantity.
4. Click **Check In** or **Check Out** to update the hardware set's quantity.

You cannot check out more hardware than is available.


You cannot check in more hardware than the project has checked out.

Leaving or Deleting a Project

1. Click on **All Projects** in the navigation bar, at the top of the page.
2. Click **Unassign** to below the project you want to leave to leave the project.
3. If you are the project owner, you will see a **Delete** button instead. Click on this button to delete the project.

This action is irreversible and will release **all** hardware resources checked out to the project.

View/Edit Profile

1. Click on your display name in the navigation bar, at the top of the page.
2. Click on **My Profile** in the dropdown menu.
3. Next to each profile detail, select the  icon to edit the detail.

Your username cannot be changed.

Logging Out

1. Click on your display name in the navigation bar, at the top of the page.
2. Click on **Logout** in the dropdown menu.

Changing the Page Theme

1. Click on the ☼ or 🌙 icon in the navigation bar, at the top of the page.
2. Select your preferred theme from the dropdown menu.
3. If you select **System**, the app will respect your system's theme preference.

Need Help?

If you need more help, raise an issue on the project's GitHub repository at github.com/arnav2503/ece461L_Group5/issues or contact the project team members directly.

Thank you for using our project! 🚀