



Maintenance Manual

Intangibles Project Manager

Product Owner: Professor Jingwei Yang

Team: Intangibles

Members:

Yakov Chipak Paul Davydov

Oscar Alcantar Hung (Kevin) Quach

Hermont Legaspi Ruthvik Chowdary

Alex Van Oss

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Introduction

The Intangibles Project Manager provides users with an easy to use tool to organize and plan their projects. As users start new projects, they can create any number of tasks that are suitable for their needs. Tasks can be given due dates and levels of priority to ensure that projects are completed on time and within a manageable scope.

This maintenance manual provides the information necessary to maintain the Intangibles Project Manager, should any issues arise.

Implementation Tools

- Programming Languages
 - JavaScript
- Web Technologies
 - HTML
 - CSS
- Web Services
 - Axios
- Libraries
 - React
- Database
 - Firebase

Logging In

Description:

The user is able to log in to the Intangibles Project Manager using a valid email and password.

Once the user is authenticated, the project manager will display the user's ongoing projects.

Necessary Files:

- CSC191-Front-End/src/components/loginForm.jsx
- CSC191-Front-End/src/components/navBar.jsx

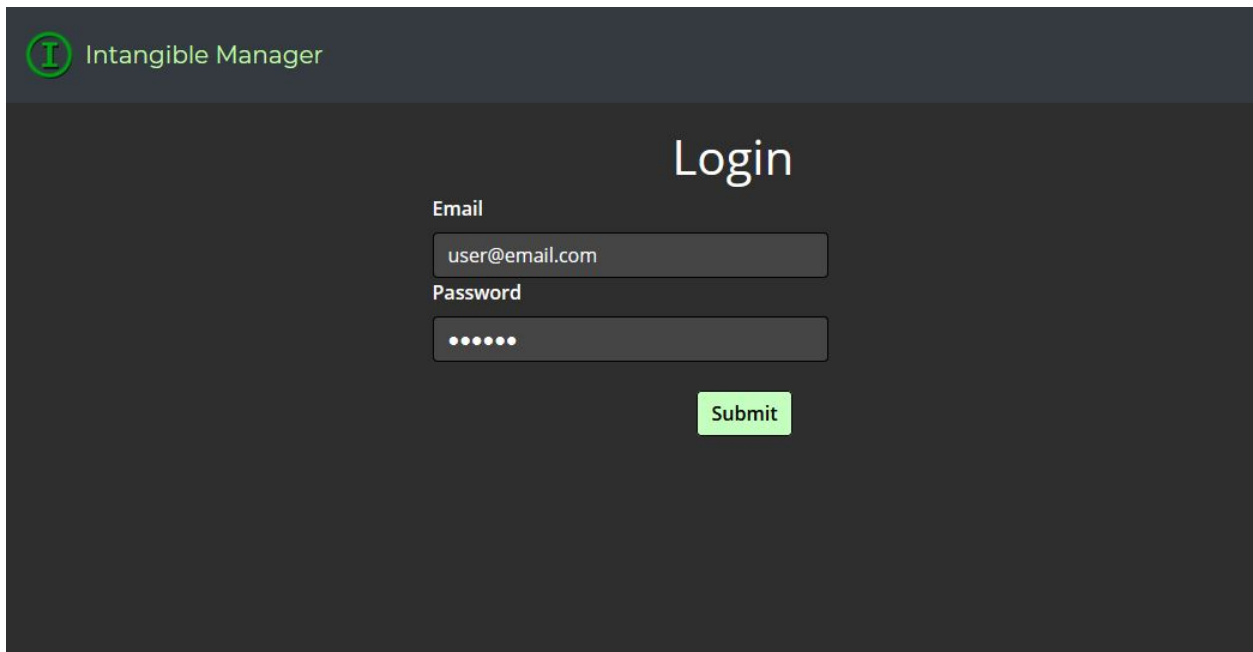
Necessary Input:

- Go to the Intangibles Project Manager log in page
- Enter a valid email address and password for authentication
- Click the “Submit” button

Expected Output:

- The Intangibles Project Manager will verify the entered information and navigate to the user's ongoing projects
- If the information that the user entered is invalid, the user will be denied access

Screenshot of Logging In



The screenshot shows a dark-themed login interface for 'Intangible Manager'. In the top left corner, there is a green circular logo with a white 'I' followed by the text 'Intangible Manager'. The word 'Login' is centered in a large, white, sans-serif font. Below it, the form consists of two input fields: 'Email' with the text 'user@email.com' and 'Password' with six dots. A green 'Submit' button is positioned below the password field.

Possible Problems:

If problems occur while attempting to log in with valid credentials, check the following file:

- CSC191-Front-End/src/components/loginForm.jsx
- CSC191-Front-End/src/components/navBar.jsx

Signing Up

Description:

The user is able to create a new account within the Intangibles Project Manager. The user must supply the program with a valid email and password which will be used to authenticate the user in the future.

Necessary Files:

- CSC191-Front-End/src/components/registerForm.jsx
- CSC191-Front-End/src/components/navBar.jsx

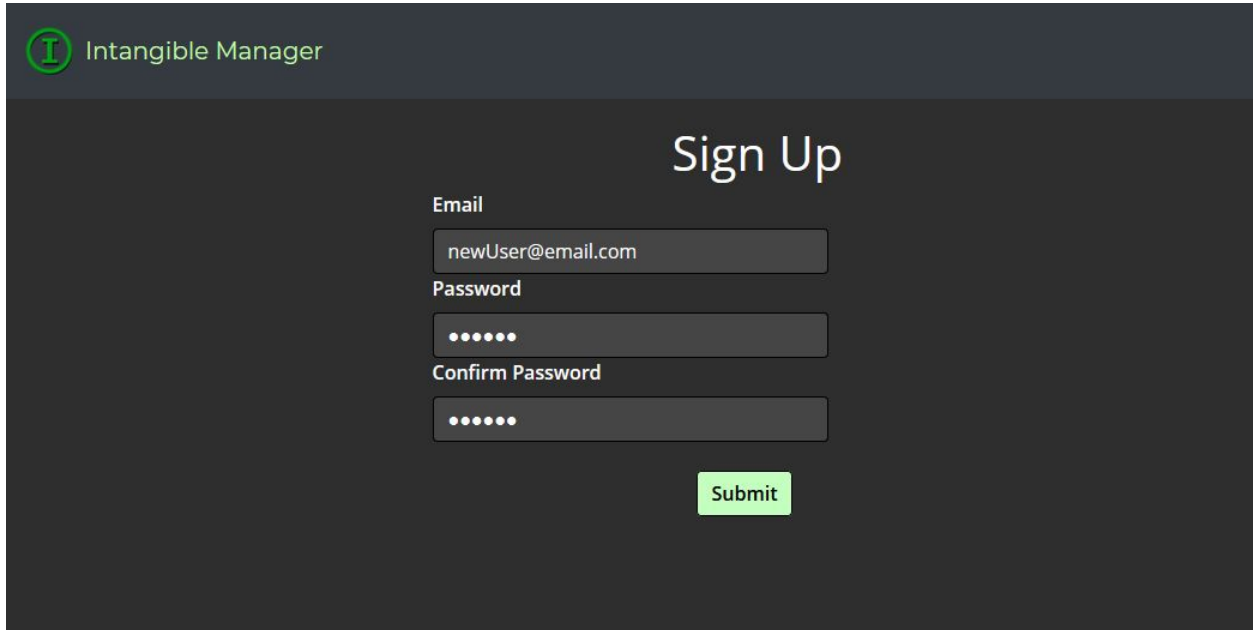
Necessary Input:

- Navigate to the Intangibles Project Manager sign up page
- Enter a valid email address and password
- Enter the password again to confirm it
- Click the “Submit” button

Expected Output:

- The Intangibles Project Manager will use the entered email address and password for authentication purposes when that user wants to manage their projects
- Both entered passwords in the “Password” and “Confirm Password” fields must match

Screenshot of Signing Up:



The screenshot shows a dark-themed web interface for 'Intangible Manager'. At the top left is a logo consisting of a green circle with a white 'I' inside, followed by the text 'Intangible Manager'. The main heading 'Sign Up' is centered in a large, white, sans-serif font. Below the heading are three input fields: 'Email' with the text 'newUser@email.com', 'Password' with six dots, and 'Confirm Password' with six dots. All input fields have a dark gray background and a light gray border. A green 'Submit' button is positioned below the 'Confirm Password' field.

Possible Problems:

If problems occur while attempting to navigate to the sign up page, check the following file:

- CSC191-Front-End/src/components/navBar.jsx

If problems occur while attempting to sign up, check the following file:

- CSC191-Front-End/src/components/registerForm.jsx

Creating a Project

Description:

The user is able to create a new project to begin working on. Once the project is given a name and created, the user can begin adding tasks to it.

Necessary Files:

- CSC191-Front-End/src/components/projectForm.jsx
- CSC191-Front-End/src/components/user.jsx

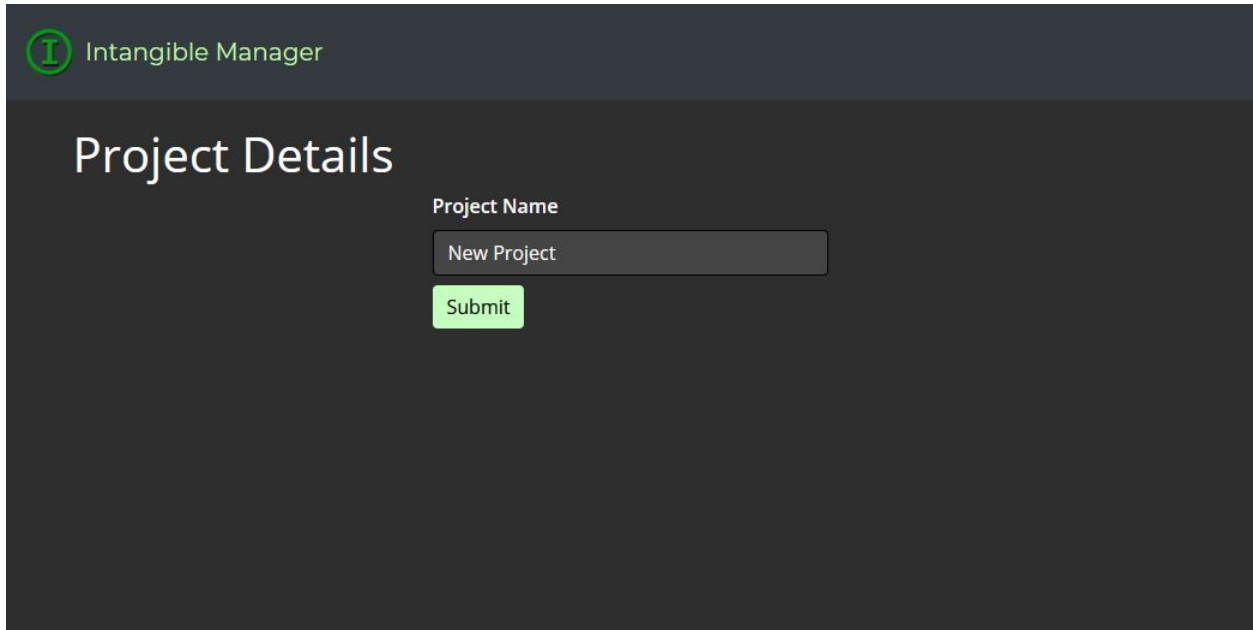
Necessary Input:

- Log into the Intangibles Project Manager to arrive at the ongoing projects page
- Click the “New Project” button to navigate to the new project page
- Enter a project name
- Click the “Submit” button

Expected Output:

- Once a name is entered into the “Project Name” field and the “Submit” button is clicked, the project will appear in the ongoing projects page

Screenshot of Creating a Project:



The screenshot shows a web interface for 'Intangible Manager'. At the top left is a logo with a green 'I' in a circle. Below the logo, the title 'Project Details' is displayed in a large, white font. To the right of the title, there is a form with the label 'Project Name' above a text input field. The input field contains the text 'New Project'. Below the input field is a green 'Submit' button.

Possible Problems:

If problems occur while attempting to click on the “New Project” button, check the following file:

- CSC191-Front-End/src/components/user.jsx

If problems occur while attempting to create a new project, check the following file:

- CSC191-Front-End/src/components/projectForm.jsx

Creating a Task

Description:

The user is able to create tasks within an existing project. Each task is created with name, description, due date, priority, and status. A project can have any number of tasks.

Necessary Files:

- CSC191-Front-End/src/components/taskForm.jsx
- CSC191-Front-End/src/components/task.jsx

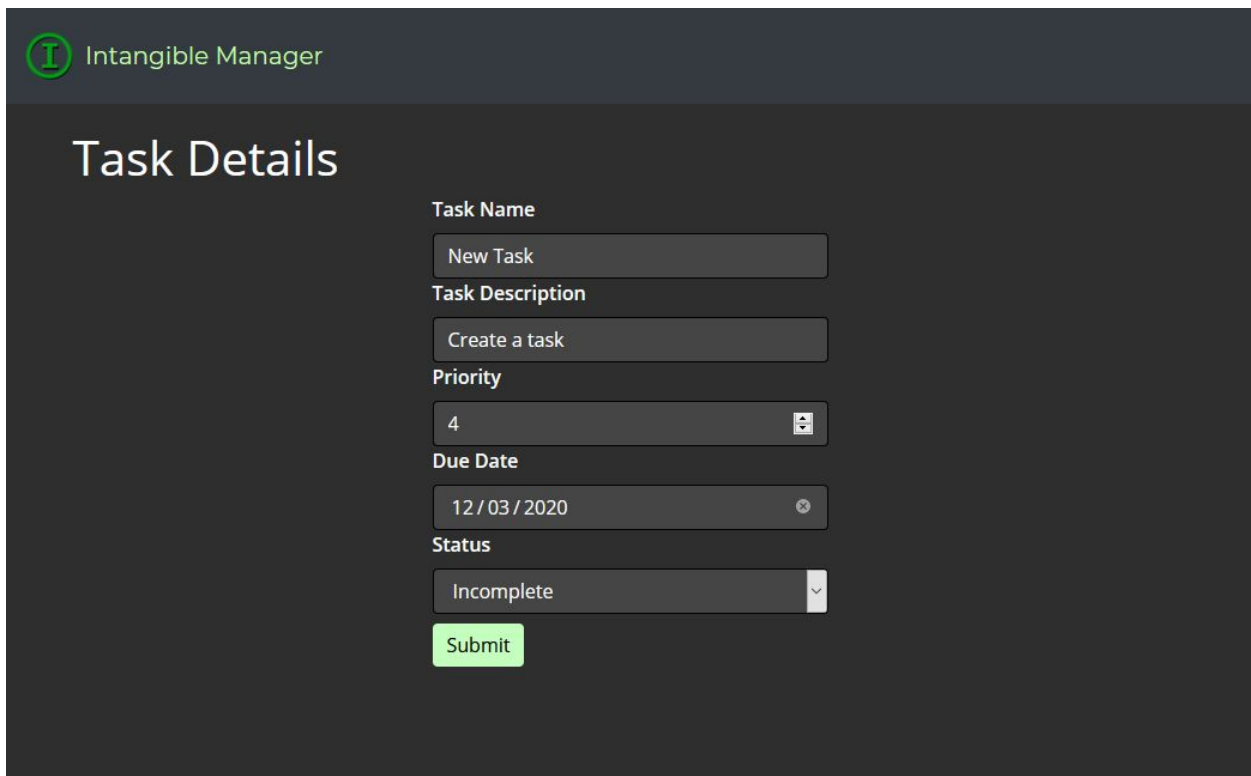
Necessary Input:

- Click on an existing project
- Click the “New Task” button
- Enter the following information
 - Task Name
 - Task Description
 - Priority
 - Due Date
 - Status
- Click the “Submit” button

Expected Output:

- The task will be added to a list of task cards underneath the corresponding project
- The task name will be listed at the top of the card
- The other task details will be displayed underneath the task name on the card

Screenshot of Creating a Task:



The screenshot shows a web interface for 'Intangible Manager' with a dark theme. The main heading is 'Task Details'. Below it, there are several input fields and a submit button. The fields are labeled 'Task Name', 'Task Description', 'Priority', 'Due Date', and 'Status'. The 'Task Name' field contains 'New Task'. The 'Task Description' field contains 'Create a task'. The 'Priority' field contains '4'. The 'Due Date' field contains '12 / 03 / 2020'. The 'Status' field is a dropdown menu with 'Incomplete' selected. A green 'Submit' button is at the bottom.

Intangible Manager

Task Details

Task Name
New Task

Task Description
Create a task

Priority
4

Due Date
12 / 03 / 2020

Status
Incomplete

Submit

Possible Problems:

If problems occur while attempting to click the “New Task” button, check the following file:

- CSC191-Front-End/src/components/task.jsx

If problems occur while attempting to enter task details, check the following file:

- CSC191-Front-End/src/components/taskForm.jsx

Creating a Subtask

Description:

The user is able to create a subtask within an existing task of a project. A task can have any number of subtasks.

Necessary Files:

- CSC191-Front-End/src/components/taskForm.jsx
- CSC191-Front-End/src/components/subTasks.jsx

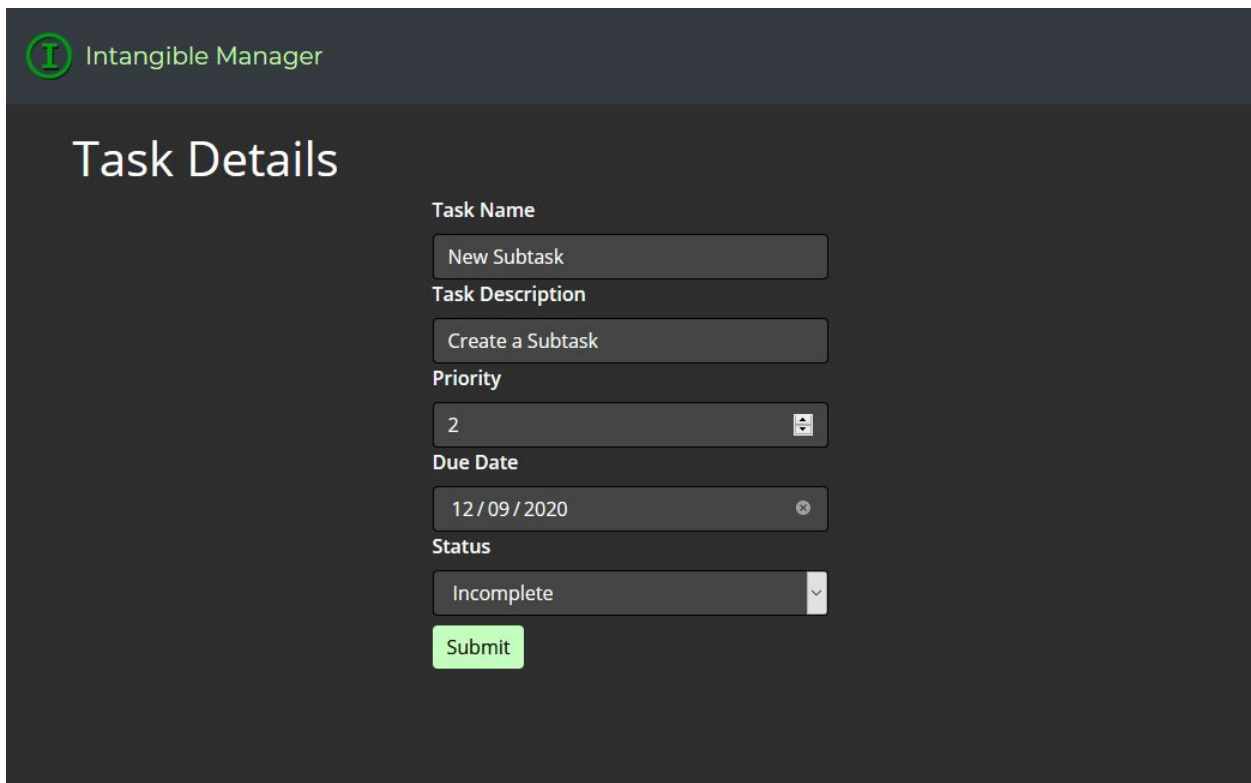
Necessary Input:

- Click on a task within an existing project
- Click on “New Subtask” underneath the task name and details
- Enter the following information
 - Task Name
 - Task Description
 - Priority
 - Due Date
 - Status
- Click the “Submit” button

Expected Output:

- The subtask will be added to a list of subtask cards underneath the corresponding task
- The subtask name will be listed at the top of the card
- The other subtask details will be displayed underneath the task name on the card

Screenshot of Creating a Subtask:



The screenshot shows the 'Task Details' form in the Intangible Manager application. The form is set against a dark background. It includes the following fields and controls:

- Task Name:** A text input field containing the placeholder text 'New Subtask'.
- Task Description:** A text input field containing the placeholder text 'Create a Subtask'.
- Priority:** A dropdown menu currently showing the value '2'.
- Due Date:** A date picker field showing '12 / 09 / 2020'.
- Status:** A dropdown menu currently showing the value 'Incomplete'.
- Submit:** A green button located at the bottom of the form.

Possible Problems:

If problems occur while attempting to click the “New Subtask” button, check the following file:

- CSC191-Front-End/src/components/subTasks.jsx

If problems occur while attempting to enter subtask details, check the following file:

- CSC191-Front-End/src/components/taskForm.jsx

Editing a Project

Description:

The user is able to edit the name of an existing project. Changing the name will not affect any of the tasks or subtasks which make up the project. The user is also able to delete a project.

Necessary Files:

- CSC191-Front-End/src/components/projectForm.jsx
- CSC191-Front-End/src/components/user.jsx

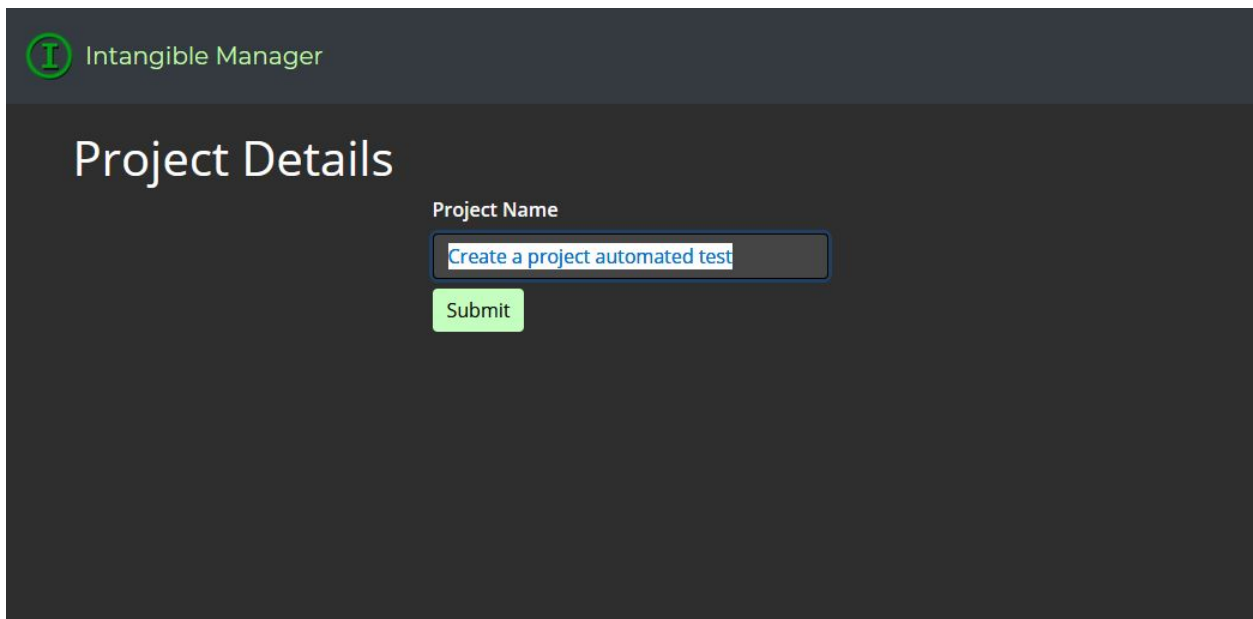
Necessary Input:

- To edit a project
 - Navigate to the ongoing projects page of the Intangibles Project Manager
 - Click the “Edit” button
 - Enter a new project name into the “Project Name” field
 - Click the “Submit” button
- To delete a project
 - Navigate to the ongoing projects page of the Intangibles Project Manager
 - Click the “Delete” button
 - Click the “Ok” button

Expected Output:

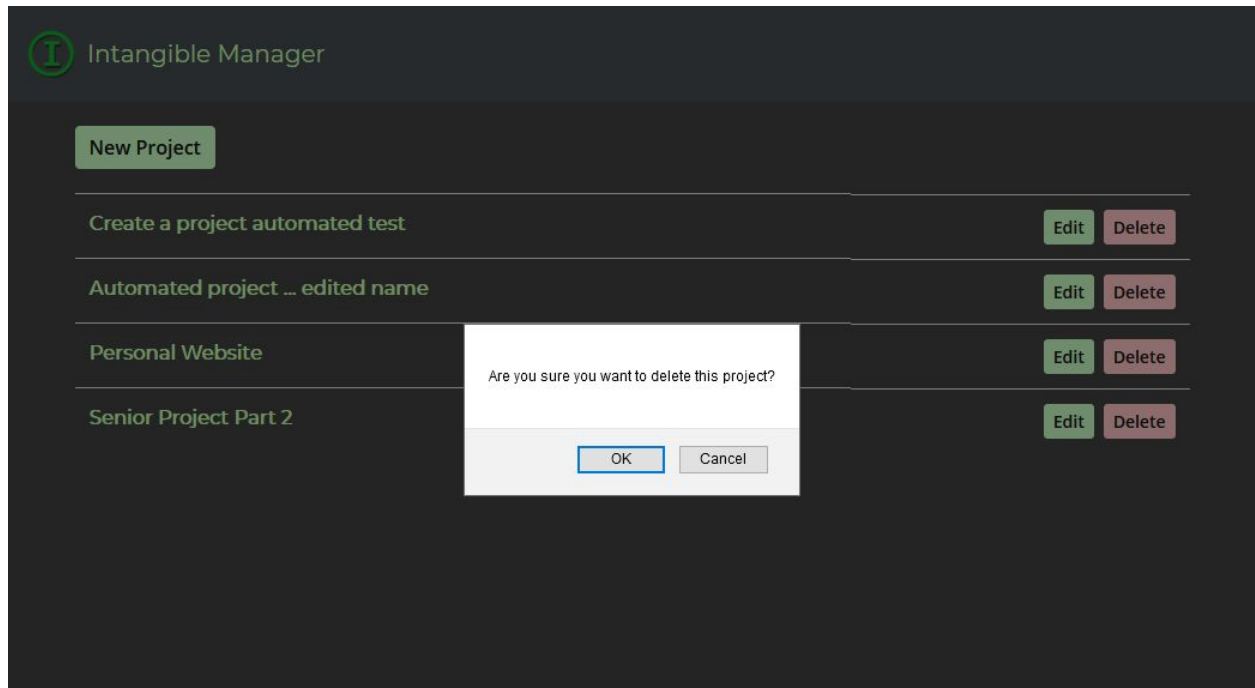
- When editing a project
 - The new project name will replace the old project name
 - Everything else about the project will be unaffected
- When deleting a project
 - The project will disappear from the ongoing projects page

Screenshot of Editing a Project Name:



The screenshot shows the 'Intangible Manager' interface. At the top left is a green circular logo with a white 'I' followed by the text 'Intangible Manager'. Below this is a large heading 'Project Details'. To the right of the heading is a form labeled 'Project Name'. The form contains a text input field with the value 'Create a project automated test' and a green 'Submit' button below it.

Screenshot of Deleting a Project:



Possible Problems:

If problems occur while attempting to click on “Edit” button for a project, check the following file:

- CSC191-Front-End/src/components/user.jsx

If problems occur while attempting to edit the project name, check the following file:

- CSC191-Front-End/src/components/projectForm.jsx

If problems occur while attempting to delete a project, check the following file:

- CSC191-Front-End/src/components/user.jsx

Editing a Task

Description:

The user is able to edit the details of an existing task or delete a task from an existing project.

The same is true of subtasks.

Necessary Files:

- CSC191-Front-End/src/components/taskForm.jsx
- CSC191-Front-End/src/components/task.jsx
- CSC191-Front-End/src/components/subTasks.jsx

Necessary Input:

- To edit a task

- Click on an existing project to bring up the list of task cards which make up the project
- Click the “Edit” button
- Edit the existing task details as necessary
- Click the “Submit” button
- To edit a subtask
 - Click on an existing task to bring up the list of subtask cards which make up the task
 - Click the “Edit” button
 - Edit the existing subtask details as necessary
 - Click the “Submit” button
- To delete a task or subtask
 - Click the “Delete” button located underneath the corresponding task or subtask
 - Click the “Ok” button

Expected Output:

- When editing a task or subtask
 - The new task/subtask details will replace the old ones
- When deleting a task or subtask
 - The task/subtask will disappear from the list

Screenshot of Editing a Task:

Task Details

Task Name

Create Design For Website

Task Description

Going to be using CSS/HTML/JAVASCRIPT

Priority

11

Due Date

01 / 13 / 2021

Status

Incomplete

Submit

Screenshot of Deleting a Task:

Create Design For Website

Going to be using CSS/HTML/JAVASCRIPT to create it from scratch. No frameworks or libraries decided on.

Incomplete

39 days until due on 2021-01-13

Edit

Delete

New Subtask

Are you sure you want to delete this Task?

OK

Cancel

Javascript for interactivity

The site will have to be dynamic and actually have functionality.

Priority 13 Incomplete 72 Days Left 1 Subtasks

Edit

Delete

Expand

Possible Problems:

If problems occur while attempting click the “Edit” button for a task, check the following file:

- CSC191-Front-End/src/components/task.jsx

If problems occur while attempting to edit task details, check the following file:

- CSC191-Front-End/src/components/taskForm.jsx

If problems occur while attempting to click the “Edit” button for a subtask, check the following file:

- CSC191-Front-End/src/components/subTasks.jsx

If problems occur while attempting to edit subtask details, check the following file:

- CSC191-Front-End/src/components/taskForm.jsx