



System Test Report

Intangibles Project Manager

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Team: Intangibles

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Verification of System Test Results: November 20, 2020

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Getting Started

Overview

The tests used for the Intangibles Project Manager are automated tests for each major function of the project manager.

Testing Environment

Selenium was used to perform tests on the Intangibles Project Manager, which was written in JavaScript. Creating the testing environment requires the following items to be installed:

- selenium-webdriver
- chromedriver

Our tests are based around the Chrome web browser.

Once a test is initiated, a Chrome browser window will automatically open and the JavaScript test case will run.

Logging In

Description:

This test will verify the login functionality of the project manager. It enters a valid username and password to the project manager.

Testing Results

- Tester: Paul Davydov
- Date: Nov 18, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js
- ✓ Verified
- ☐ Not verified

Make sure the login() test is not commented out before running testing.js.

```
// editTask();  
// editProjectName();  
// createSubTask();  
// createTask();  
// createProject();  
login();  
// signup();
```

Signing Up

Description:

This test will verify the sign up functionality of the project manager. It will provide a valid email and password to the project manager. Then, it will enter the password again to verify it.

Testing Results:

- Tester: Yakov Chipak
- Date: November 18, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js

✓ Verified

❑ Not verified

Make sure the signup() test is not commented out before running testing.js.

```
// editTask();  
// editProjectName();  
// createSubTask();  
// createTask();  
// createProject();  
// login();  
signup();
```

Creating a Project

Description:

This test will verify the functionality of creating a new project in the project manager. The test will navigate to the “New Project” option within the project manager and then provide a project name for the new project.

Testing Results:

- Tester: Oscar Alcantar
- Date: November 18, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js

✓ Verified

❑ Not verified

Make sure that the createProject() function is not commented out before running testing.js.

```
// editTask();  
// editProjectName();  
// createSubTask();  
// createTask();  
createProject();  
// login();  
// signup();
```

Creating a Task

Description:

This test will verify the functionality of creating tasks. The test will navigate to the “New Task” option in the project manager. The test will supply the task form with a task name, description, priority, due date, and completion status.

Testing Results:

- Tester: Hermont Legaspi
- Date: November 19, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js

✓ Verified

❑ Not verified

Make sure the createTask() test is not commented out before running testing.js.

```
// editTask();  
// editProjectName();  
// createSubTask();  
createTask();  
// createProject();  
// login();  
// signup();
```

Creating a Sub-Task

Description:

This test will verify the functionality of creating a sub-task. It will navigate to the “New Subtask” option on the project manager. Then, it will supply the sub-task form with a description, priority, and due date.

Testing Results:

- Tester: Kevin Quach
- Date: November 19, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js
- ✓ Verified
- ☐ Not verified

Make sure the createSubTask() test is not commented out before running testing.js.

```
// editTask();  
// editProjectName();  
createSubTask();  
// createTask();  
// createProject();  
// login();  
// signup();
```


Editing a Project Name

Description:

This test will verify the functionality of editing a project name. The test will edit an existing project and provide a new project name.

Testing Results:

- Tester: Alex Van Oss
- Date: November 19, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js

✓ Verified

❑ Not verified

Make sure the editTask() test is not commented out before running testing.js.

```
editTask();  
// editProjectName();  
// createSubTask();  
// createTask();  
// createProject();  
// login();  
// signup();
```

Editing a Task

Description:

This test will verify the functionality of editing an existing task in the project manager. The test will edit an existing task and provide a new task name, description, priority, due date, and completion status.

Testing Results:

- Tester: Ruthvik Chowdary
- Date: November 20, 2020
- File Path: CSC191-Front-End/testing.js
- Test Input:
 - Run the program as follows:
 - > node testing.js

✓ Verified

❑ Not verified

Make sure editProjectName() is not commented out before running testing.js.

```
// editTask();
  editProjectName();
// createSubTask();
// createTask();
// createProject();
// login();
// signup();
```