# Test Plan and Report 6/4/24

### Product Name: Slug Manager

### Team Name: Slug Manager

* Team Members: Gino Zarich, Kenny Losier, Poppy Garner, Asher Etherington, Nathan Le, Mia Santos

**System Test Scenarios:**

1. User story 1: As a user, I want to be able to create and log into my account so that I can see any account data related to my account and no other accounts
2. User story 2: As a user, I want to be able to create, join, and invite others to projects so that I can have personal task trackers as well as group task trackers any projects I join I should have member permissions and any that I make I should have administrator permissions
3. User story 3: As a project ‘administrator’ I want to be able to add and edit tasks to a project so that I and any other team members can see the tasks for this project
4. User story 4: As a project ‘administrator’ I want to be able to assign tasks to other team members
5. User story 5: As a team member I want to be able to update my progress on any assigned tasks so that I can inform the rest of my team members on my progress. I should also be able to mark tasks as fully completed.

Scenario 1: Create Account (Pass)

1. Start server locally: Select “Create User”
   1. Input a username and password for the new user.
   2. View successful storage of the new use in the database.
2. Start server locally: Select “Existing User”
   1. Input the username and password previously created
   2. Press enter or the login button
   3. After logging in, verify redirection to the main page

Scenario 2: Create and add others to the project (Pass)

1. Select “New Project”
   1. Input a valid Project Name and Description
   2. Verify the project creation in the database
      1. Ensure the project is also stored under the user in the database
2. Input text into the “Add User by Username” field
   1. Press the “Send Invite” button
   2. Verify that the user invited can view the project
      1. This user should not be able to create tasks or add users because they do not have admin privileges
   3. Additionally, verify that the invited member is added as a member under the project in the database

Scenario 3: Add tasks to individual projects as admin (Pass)

1. The creator of a project goes to their project page
   1. The user should see a create task form on that page where they can fill out the name of the task, description, and who the task is assigned to.
   2. Once the user clicks create the page should refresh and show the newly created task. The newly created task should also be present in the database so that it persists

Scenario 4: Assign tasks to specific team members (Pass)

1. When a task is created by the administrator the task should clearly display who it’s assigned to.

Scenario 5: Marking Tasks as Complete vs. Incomplete (Pass)

1. Select a project that the user is a member of to display all the related tasks
2. Click on the task under “To Do” displayed in red to mark it as completed.
3. Click on the task under “Completed” displayed in green to mark it as incomplete.

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