

Slug Sync Test Plan and Report  
Slug Sync Team  
6/3/24

## User Stories

1. User story 1: As a user, I would like to have a personalized account so I can keep track of my own goals and track new goals
2. As a user, I would like to discover goals I may be interested in so that I can sign up for them.
3. As a user, I would like to keep a list of goals for the day so I can remember to complete them
4. As a user, I would like to communicate with my friends with the same goal to ensure we all do them together
5. As a user, I would like to display information about myself and my goals so others can know more about me
6. As a user, I would like to be able to complete the goals each week so that I can keep track of my progress each week
7. As a user, I would like to be able to leave goals when I see fit so that I can modify my habits and goals over time.

## Test Scenarios:

### Scenario 1: Create Account

1. User can enter their login credentials and click login
  - a. Expect dashboard page to appear and their name to be the returned name
2. User can enter their signup credentials and click Register
  - a. Expect a dialog to appear telling the user they were successful

### Relevant tests:

- /backend/src/\_\_tests\_\_/auth.test.js
- /frontend/src/\_\_tests\_\_/SignIn/\*

### Scenario 2: Discover goals

1. From the home page, hover over "Goals" on the header, then click "View Goals"
2. On the search bar, search for "Learn React"
3. User should see a goal titled "Learn React" as the first result
4. Delete search term from search bar; Select tag icon next to search bar
  - a. On the menu drop down, select the "Health" tag

5. User should see goals tagged with “Health” on the screen, and goals with different tags should not be visible

Relevant Tests:

- /backend/src/\_\_tests\_\_/goal.test.js
- /frontend/src/\_\_tests\_\_/Index.test.jsx

Scenario 3: Dashboard

1. When the user logs in, they can see a list of all of the goals they have joined.
  - a. Expect a list of the user’s incomplete and complete goals to be displayed, with each goal having its respective information and a complete button

Relevant Tests:

- /backend/src/\_\_tests\_\_/completeGoal.test.js
- /frontend/src/\_\_tests\_\_/Dashboard.test.jsx

Scenario 4: Comment on a goal

1. Navigate to view a particular goal. Type a comment and click on “Add comment”
  - a. Expect the text they submit to be displayed along with their profile picture, username, and timestamp

Relevant Tests:

- /backend/src/\_\_tests\_\_/comment.test.js
- frontend/src/\_\_tests\_\_/Goal/ViewGoal.test.jsx

Scenario 5: Updating user information

1. Sign in as a user and click on profile
  - a. Expect the returned profile information to display
2. Change the name and bio of the profile
  - a. Expect the relevant information to be updated

Relevant tests:

- /backend/src/\_\_tests\_\_/profile.test.js
- /frontend/src/\_\_tests\_\_/Profile/\*

Scenario 6: Completing a goal

1. Go to dashboard page and click “complete goal” on the list of goals
  - a. Check that the goal is now in the incomplete section of the page
  - b. Check that the streak has been incremented

Relevant tests:

- /backend/src/\_\_test\_\_/completeGoal.test.js
- /frontend/src/\_\_test\_\_/Dashboard.test.jsx

Scenario 7: Leave a goal

1. Go to the dashboard page. Observe that the logged in goal appears in either the completed or incomplete column.
2. Go to the view goals page, click on the title of the goal to leave. Observe the logged in user's name under the members list.
3. Click leave goal. Click on the goal that has been left. Observe that the logged in user's name is no longer in the members list.
4. Go to the dashboard page. Observe that the goal that was left is no longer on the dashboard.

Relevant tests:

- /backend/src/\_\_tests\_\_/viewGoal.test.js
- /backend/src/\_\_tests\_\_/goal.test.js

Run Unit Tests:

~\$ cd frontend/ && npm run test

~\$ cd backend/ && npm run test

~\$ cd e2e/ && npm run test