

Project Milestone 5: Testing

Team #: 13-05

Team Name: Fruit Leather

Project Title: Rechef - when you need to know what to cook

Team Members: Ferin Von Reich, Ian Mckibben, Carson Syberg, Rachel McMinn, Md Mahmud, Daunte

UAT Test Plan:

UAT Entry Conditions/Criteria (met before each feature's testing)

- Feature development is completed (and any previous feature which this is reliant upon is complete)
- Unit Testing is completed with no errors
- All known bugs are resolved
- UAT Test environment (software, hardware, etc) is ready
- UAT Test plan is complete

Note: Ta Okayed general test cases and expected results since we are not including the code

Register/Login Feature Testing

Test Cases:

- When a user attempts to register with invalid fields (for example with their name missing), it will return and prompt them to change their input fields
- When a user attempts to login with incorrect credentials, it will return a null body
- When a user attempts to login with correct credentials, it will return the logged in user
- When a user attempts to register with already created credentials, it will return a null body and give feedback the the user
- When a user attempts to register with invalid fields, it will return and prompt them to change their input fields
- When a user attempts to register with correct fields, it will return the new user, log them in, and return to the homepage

User activity (execution):

- We will start by creating mocks for the login and register calls such that a sample database in the testing file will be used to not create new users. We will pass different

credentials in one at a time for both the login and register pages, verifying that the return values are the same and that the expected behavior occurs when the inputs are valid.

Enter Ingredients Feature Testing

Test Cases:

- When a user attempts to enter a new ingredient, it will add the ingredient to an array and display the added ingredient.
- When a user attempts to enter a previously entered ingredient, it will not add the ingredient to the array and will prompt them to enter a distinct ingredient.
- When a user attempts to enter an ingredient with invalid fields, it will prompt them to change their input fields
- When a user attempts to remove a previously entered ingredient, it will remove the ingredient from the array and stop displaying the ingredient.

User activity (execution):

- We will take a mocked array of ingredients and check that each test performs as we expect when we enter / remove ingredients, as well as checking that the data inside the array is updated as well.

Search/View Recipes Feature Testing

Test Cases:

- When a user searches for recipes without any ingredients, it should display an error message letting them know that they have no ingredients in the “pantry”.
- When a user searches for recipes based on ingredients, it should display recipes that contain said ingredients.
- When a user searches for recipes based on all of their ingredients and there are currently no recipes with those ingredients, it should display that there are no existing recipes that contain all their ingredients.
- When a user searches for recipes based on any of their ingredients, it should display recipes that contain at least one ingredient from their “pantry”.

User activity (execution):

- We will create mocked lists of ingredients and call the search recipes function in order to get a list of data to display on the search recipes page. We will then check properties and return values of the returned list and the function's return value in order to determine what the behavior of the function is, and make sure that it is functioning correctly.

UAT Exit Conditions/Criteria (met before feature enters production build)

- No critical defects found (in any testing phase)
- All UAT Tests passed
- Production implementation path is complete

Individual Contributions

Include name, github link to last commit, description of work since last milestone
Make sure you update the jira board, I will be adding a screenshot of it later

Carson Syberg

- Worked on user acceptance testing plans, researched connecting spring boot with recipes database. Currently integrating the web scraper and the springboot app.
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-05/commit/2ad96389d22674450c9aad06922351842eee0ff0>

Rachel McMinn

- Researched integration, worked on front end for ingredients page
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-05/commit/74ab27798e54885bc90c54a52756791e6d4ea158>

Md Mahmud

- Researched scheduling using scrapyd and apscheduler for running the scraper weekly.

Ferin Von Reich

- Worked on user acceptance testing plan, finished query research for getting the user recipes given some input (looked into fuzzy logic and user input error handling), currently working to integrate those queries into the springboot app
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-05/commit/f0ef48dd29e15c1a534f7c767c6fce952757c408>

Ian McKibben

- Finalized data structure for entering ingredients
- Resolved bugs with constructors in the back end, added front end debugging such that the objects being sent could be seen by the user -- will remove soon
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-05/commit/ea7e2031ec43681e1b2a0eae9fa71a7faf23b7ee>

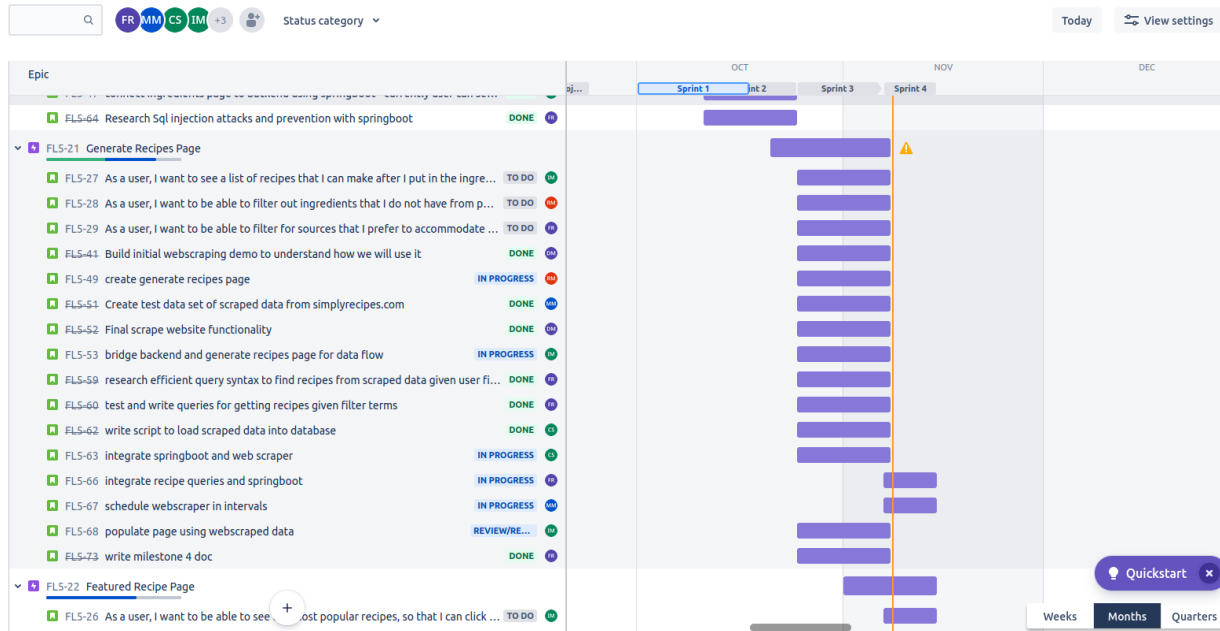
Jira Board: (screenshots below)

<https://csci-3308-fall21-13-5.atlassian.net/jira/software/projects/FL5/boards/1/roadmap>

Note: Login Page and Enter Ingredients Page essentially complete so screenshots not included.

Roadmap

Share Export



Roadmap

Share Export

