

**Title** The Spice is Right

**Who:** Charlie Wheeler, Evan Curtis, Gwyn Keaty, Isabella Van Vliet, Nolan Hofle, Yohan Choi

**Project Description:** The Spice is Right is a community-centered recipe browser where food enthusiasts can upload their recipes and explore other chef's recipes. Users who are not logged in can view and search for recipes. Users who are logged in can upload, like, and save recipes to cookbooks as well as delete recipes that they have created. When a user uploads a recipe they will be required to add the title, the necessary ingredients (each on a separate line), instructions on how to recreate the dish (each on a separate line), a description of the dish, the difficulty rated out of five, and the time in hours. Additionally, the user can add an optional image of the recipe to their post. Ingredients and instructions are automatically converted to a list when the user uploads a recipe to our database. This ensures recipes are easy to read with minimal work on the user's end. With the navigation bar, users can search for any keywords that appear in the titles of uploaded recipes. Having each recipe require a difficulty makes The Spice is Right more accessible to beginners and experts alike, since there is a recipe for everyone to recreate. We hope to have a large user base with a multitude of varied recipes from around the world.

**Project Tracker** - GitHub project board: <https://github.com/users/ecurt/projects/1>

- Link to your Project Tracker (for instructor & TAs)
- Screenshot showing your project in your project tracker

**Video:** <https://youtu.be/nZovdfWQJFU>

**VCS:** <https://github.com/ecurt/the-spice-is-right>

#### **Contributions:**

**Charlie:** Developed frontend for the home screen and search results screen, and some related endpoints. Utilized HTML, CSS, Handlebars, Bootstrap, and NodeJS.

**Evan:** Created database structure, login endpoint, like and save recipe endpoints, get cookbook and liked recipes endpoints, save recipe front end, search backend, and added image functionality.

**Isabella:** Front-end for adding recipes, front-end for viewing recipes, formatting of images and cards on home/search page, backend for viewing recipes, and backend for deleting recipes. Also helped with small front-end fixes across website.

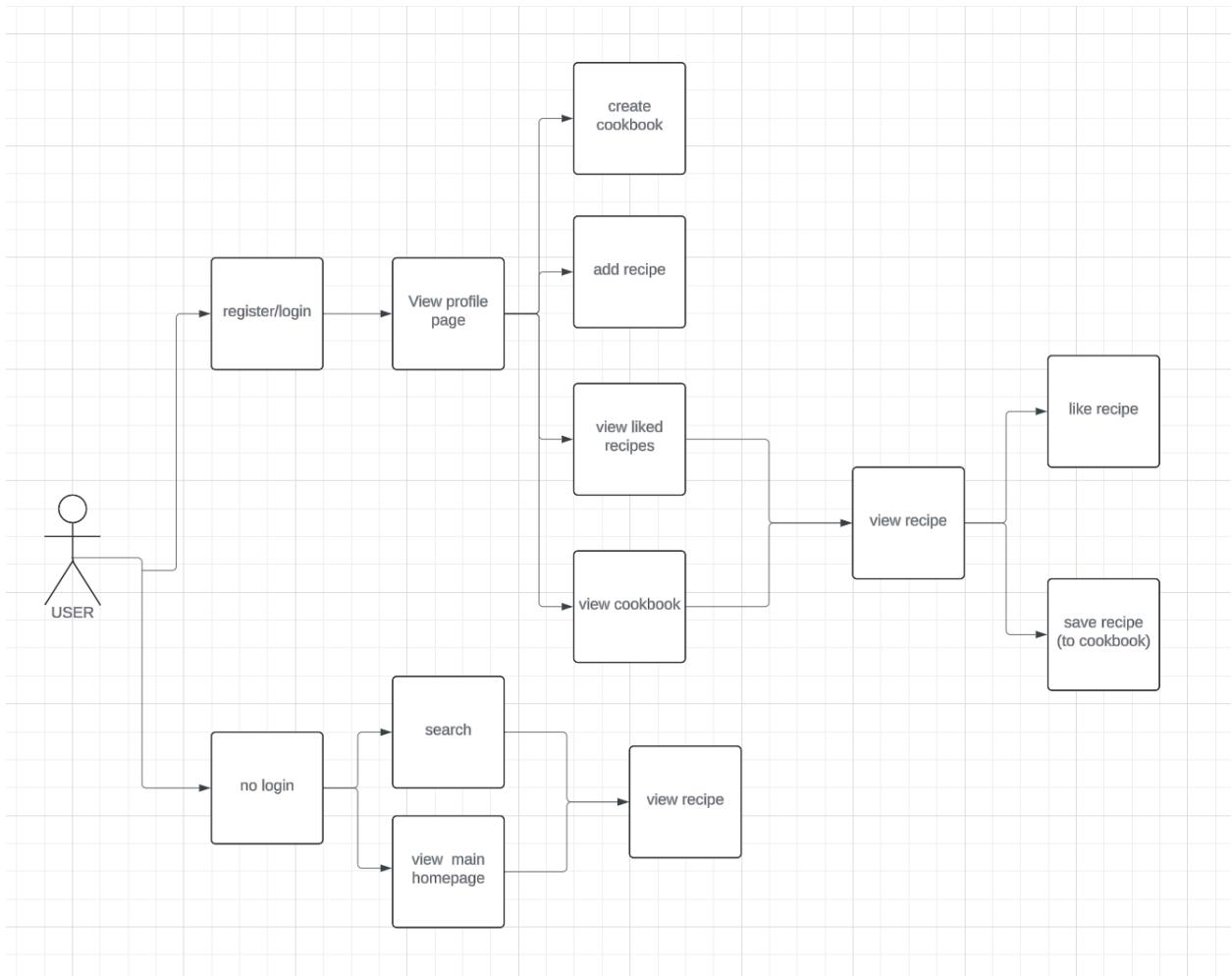
**Yohan:** Made register endpoint, register view templates, Lab 11, additional 12 test cases, slide show, user profile page, user profile endpoint.

**Gwyn:** Front-end for login page, front-end for adding cookbook form, fix search case-sensitive issue, fix grammatical issues in slides

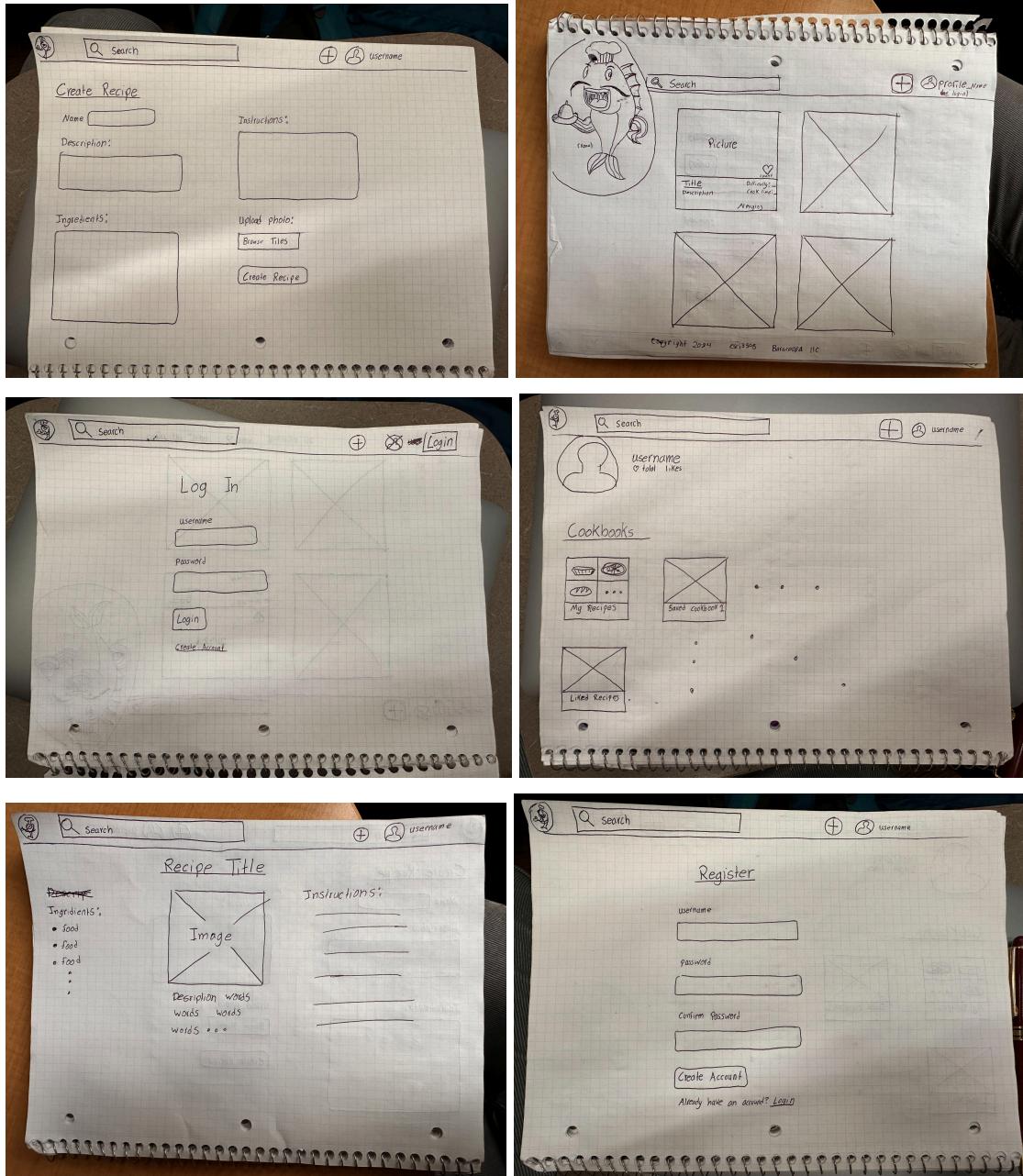
**Nolan:** Added navbar, logout functionality, add recipe backend, create cookbook backend, added user cookbook and recipes functionality to the profile page. Also several bug fixes and small features like input restrictions and error handling. Helped work on the presentation and made the demo video.

Title	...	Assignees	↑ ...	Story Points	...	Status
45 <input checked="" type="checkbox"/> Make error handling better #103		 verdi73	▼	5		<span>Done</span>
46 <input checked="" type="checkbox"/> Fix the bug where submitting a incorrect value into create recipies throws an error #85		 verdi73	▼	5		<span>Done</span>
47 <input checked="" type="checkbox"/> Create a Liked Recipes Button (on profile page) #87		 verdi73	▼	1		<span>Done</span>
48 <input checked="" type="checkbox"/> Make Recipes and Cookbooks clickable on profile page #77		 verdi73	▼	5		<span>Done</span>
49 <input checked="" type="checkbox"/> Create Cookbook Endpoint #39		 verdi73	▼	5		<span>Done</span>
50 <input checked="" type="checkbox"/> Fix navbar changing based on if user is logged in #51		 verdi73	▼	5		<span>Done</span>
51 <input checked="" type="checkbox"/> add recipe to recipe_owners table with user_id #47		 verdi73	▼	5		<span>Done</span>
52 <input checked="" type="checkbox"/> Logout Endpoint #28		 verdi73	▼	5		<span>Done</span>
53 <input checked="" type="checkbox"/> Create navbar #12		 verdi73	▼	2		<span>Done</span>
54 <input checked="" type="checkbox"/> View Cookbooks Frontend #57		 verdi73 and Yohan...	▼	5		<span>Done</span>

**Use Case Diagram:**



**Wireframes:**



## Test results:

- We automated testing correct and incorrect inputs for registering a new user
- Automated testing for logging in (positive and negative)
- Automated tests for creating a cookbook (positive and negative)
- Automated tests for liking a recipe (positive and negative)
- Automated tests for adding a new recipe (positive and negative)
- Automated tests for viewing a recipe (positive and negative)
- Automated test for search

- Manually tested saving recipes to cookbooks (and checking on website UI)
- Manually tested deleting recipes (and checked all locations where recipe is referenced, such as liked recipes and under cookbooks)
- Manually tested every button on every page
- All tests ran successfully and returned the expected results

**Deployment:**

<https://the-spice-is-right-r85m.onrender.com/>