

## 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>

Filter by keyword or by field					
Title	Assignee	Status	Type	Story Points	Story Points
1. Make error handling better #103	✓ evan73	- Done	- Recipe Page	5	
2. Create slide show #113	✓ IsabellaVanVliet, evan73	- Done	- Presentation	8	
3. Update Readme #162	✓ evan73	- Done	- Set Up	1	
4. Fix the spacing between recipes on profile #104	✓ evan73, NolanHofle	- Done	- Accounts Epic	1	
5. Remove the random heart on the recipe_results page #114	✓ evan73, NolanHofle	- Done	- Recipe Page	1	
6. Remove footer #115	✓ evan73	- Done	- Recipe Page	1	
7. Fix #13 #93	✓ evan73	- Done	- UI/UX	5	
8. Fix footer #105	✓ evan73	- Done	- Test Epic	2	
9. Limit recipes on home page #118	✓ evan73	- Done	- Recipe Page	1	
10. Make it so that users can like and save recipes multiple times #107	✓ evan73	- Done	- Recipe Page	3	
11. Fix the rendering to click logic here #95	✓ evan73	- Done	- Accounts Epic	3	
12. Fix the bug where submitting an incorrect value into create recipes throws an error #85	✓ evan73	- Done	- Recipe Page	5	
13. Fix the Formating of Images #40	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
14. Delete Recipe Endpoint #5	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
15. Make delete recipe delete all references to recipe #106	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
16. Create a Like Recipe Button on profile #77	✓ evan73	- Done	- Accounts Epic	1	
17. Create Like Recipe Button (new, results and view_recipe) #90	✓ evan73	- Done	- Recipe Page	5	
18. Map Save and Like button to the right endpoint #64	✓ evan73	- Done	- Recipe Page	1	
19. Make Recipe and Cookbooks clickable on profile page #77	✓ evan73	- Done	- Accounts Epic	5	
20. Create Cookbook Endpoint #39	✓ IsabellaVanVliet	- Done	- Cookbooks Epic	5	
21. View Recipe Template #4	✓ IsabellaVanVliet	- Done	- Recipe Page	3	
22. Make Recipe clickable on recipe_results template #76	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
23. Click on recipe on recipe page to go to page #79	✓ IsabellaVanVliet	- Done	- Recipe Page	3	
24. View Cookbooks Frontend #57	✓ evan73 and Nolan	- Done	- Cookbooks Epic	5	
25. View Recipe Backend #61	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
26. Add ratings to recipes #3	✓ evan73	- Done	- Recipe Page	13	
27. Fix the review changing based on if user is logged in #11	✓ evan73	- Done	- Accounts Epic	5	
28. Search #35	✓ evan73	- Done	- Recipe Page	10	
29. Save Recipe Endpoints #64	✓ evan73	- Done	- Cookbooks Epic	8	
30. Save Recipe Popups page #3	✓ evan73	- Done	- Recipe Page	3	
31. add recipe to recipe_owners table with user_id #47	✓ evan73	- Done	- Recipe Page	5	
32. Logout Endpoint #83	✓ evan73	- Done	- Accounts Epic	5	
33. Create navbar #72	✓ evan73	- Done	- Set Up	2	
34. Home Page Frontend #43	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
35. Create Recipe Endpoint #9	✓ IsabellaVanVliet	- Done	- Recipe Page	8	
36. fix recipe owner bug #159	✓ evan73	- Done	- Recipe Page	1	

Filter by keyword or by field					
Title	Assignee	Status	Type	Story Points	Story Points
35. Create Recipe Endpoint #9	✓ IsabellaVanVliet	- Done	- Recipe Page	8	
36. Fix recipe owner bug #159	✓ evan73	- Done	- Recipe Epic	3	
37. Create recipe template #6	✓ IsabellaVanVliet	- Done	- Recipe Page	2	
38. Initialize tables in database #21	✓ evan73	- Done	- Set Up	3	
39. Set up partials #10	✓ evan73	- Done	- Set Up	2	
40. Set up Docker and PostgreSQL #14	✓ evan73	- Done	- Set Up	2	
41. Create Frontend Template for Home Page #15	✓ IsabellaVanVliet	- Done	- Recipe Page	3	
42. Login page #33	✓ evan73	- Done	- Accounts Epic	3	
43. Make Search Not Case Sensitive #111	✓ evan73	- Done	- Recipe Page	1	
44. Like Recipe Endpoint #79	✓ evan73	- Done	- Cookbooks Epic	5	
45. My Like Recipes Endpoint #78	✓ evan73	- Done	- Cookbooks Epic	5	
46. making user-profile page #43	✓ NolanHofle1115	- Done	- Accounts Epic	3	
47. user-profile page endpoint #44	✓ NolanHofle1115	- Done	- Accounts Epic	5	
48. Create Follow Request Endpoint #34	✓ evan73	- Done	- Accounts Epic	2	
49. Upload images on recipe page #31	✓ IsabellaVanVliet	- Done	- Recipe Page	8	
50. Register post endpoint #24	✓ NolanHofle1115	- Done	- Accounts Epic	8	
51. Register page #25	✓ NolanHofle1115	- Done	- Accounts Epic	3	
52. Login post endpoint #26	✓ evan73	- Done	- Accounts Epic	5	
53. Get cookbook endpoint #55	✓ evan73	- Done	- Cookbooks Epic	13	
54. View Cookbooks Backend #56	✓ evan73	- Done	- Cookbooks Epic	10	
55. Fix add_recipe template to look good again #40	✓ IsabellaVanVliet	- Done	- Recipe Page	2	
56. recipe_results page is populated with content from the database #45	✓ IsabellaVanVliet	- Done	- Recipe Page	5	
57. Test cases for lab 11 #11	✓ NolanHofle1115	- Done	- Test Epic	3	
58. Add Cookbook Form #38	✓ evan73	- Done	- Cookbooks Epic	3	
59. add more testcases and fix functionality #34	✓ NolanHofle1115	- Done	- Recipe Page	1	
60. Upload image button on recipe page #32	✓ IsabellaVanVliet	- Done	- Recipe Page	1	
61. created slide show #120	✓ NolanHofle1115	- Done	- Recipe Page	1	

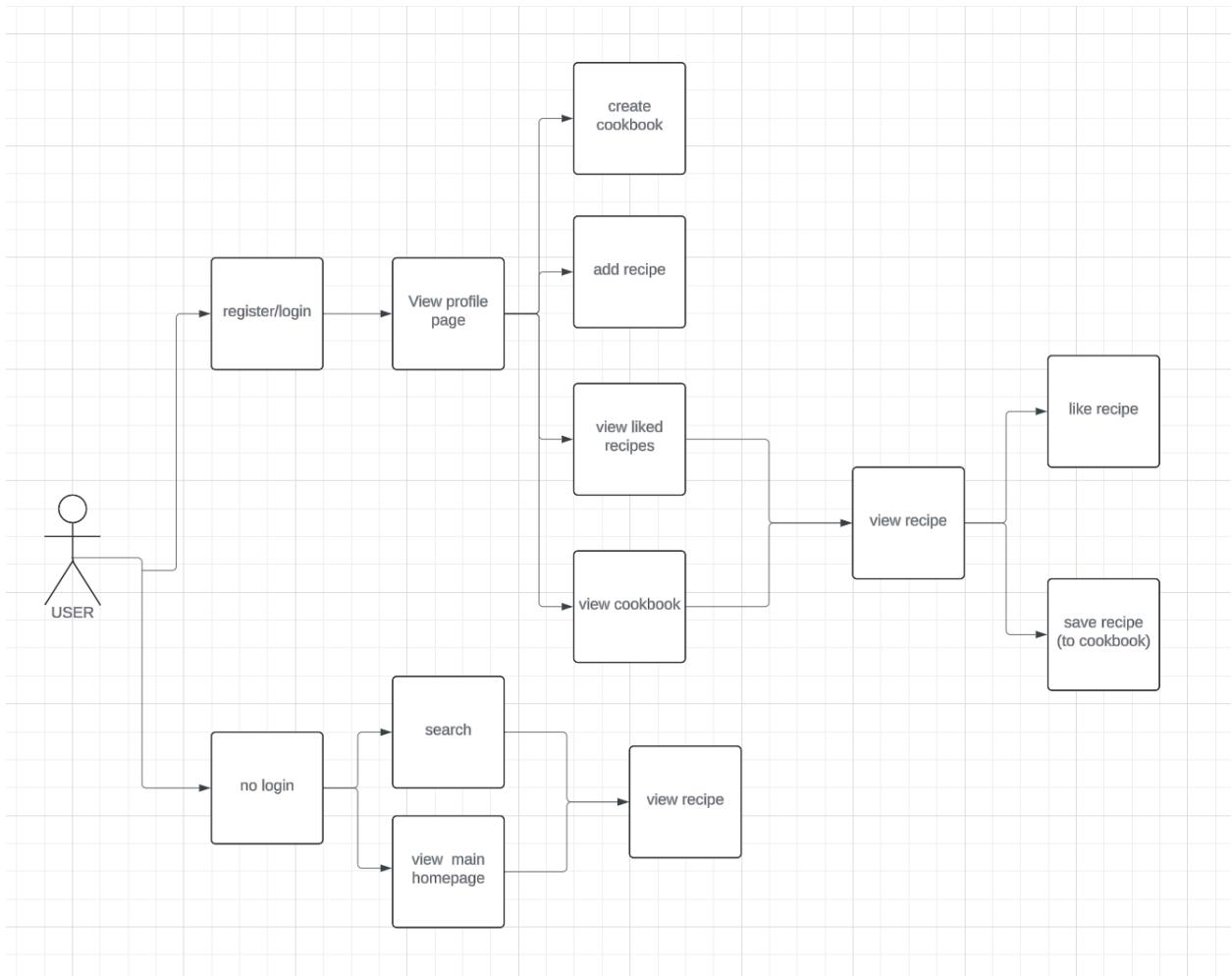
**Video:** <https://youtu.be/nZovdfWQJFU>

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

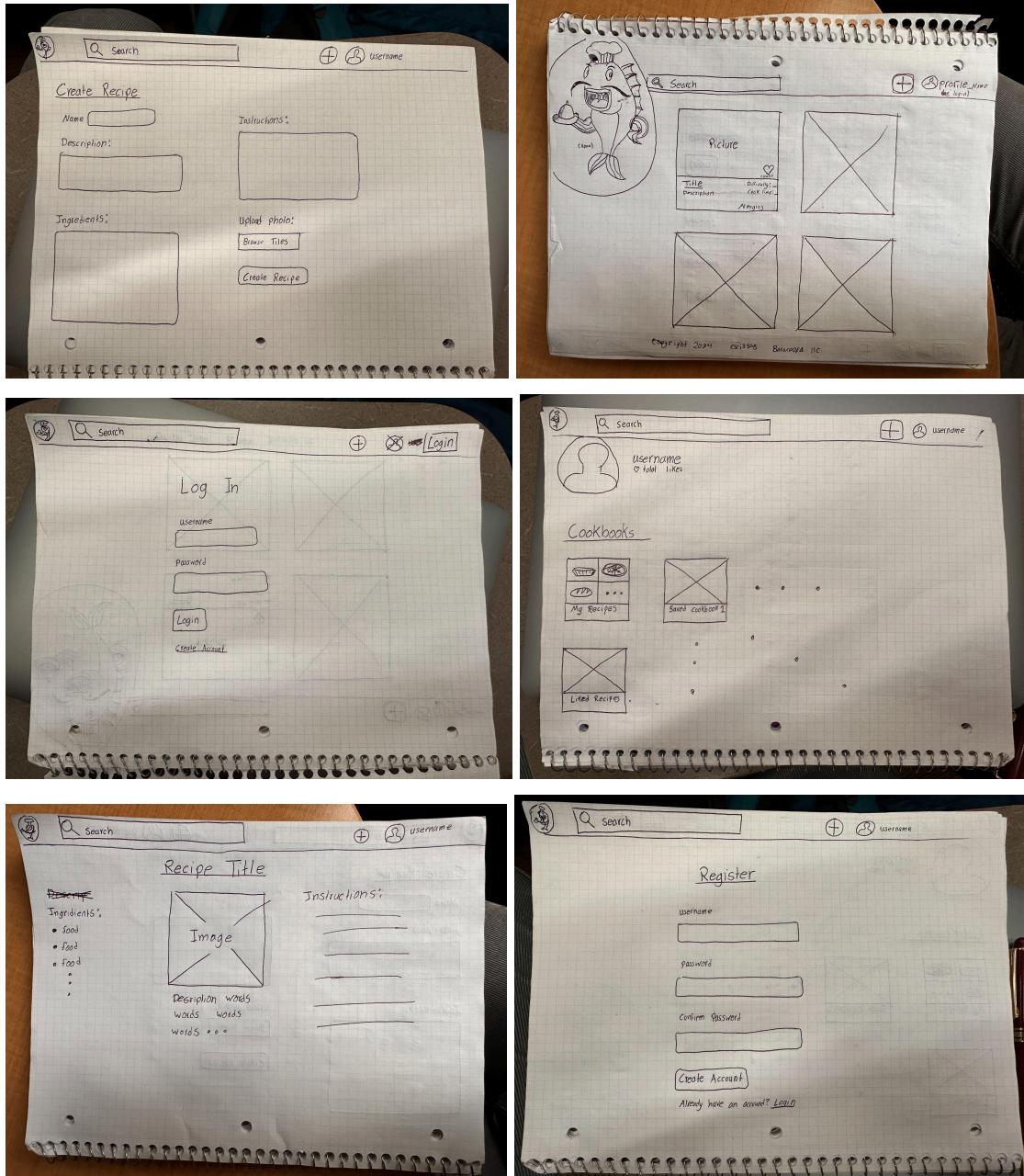
**Contributions:**

- **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.

**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/>