ML / NLP Bots – user experiment schedule

Anonymous authors

November 2024

1 Feature descriptions

US1 View Recipe

A user should be able to view any recipe without the ability to edit any of the details. They can click on the thumbnail of the recipe wherever it appears to access the details, which include the title, instructions, ingredients, and number of servings.

US2 Create Recipe

A user can fill out a form to enter recipe details, including the title, instructions, ingredients, and number of servings. However, they cannot view recipes until the recipe has been saved and submitted. Once the form is completed, they can submit it to add the recipe to the website.

US3 Edit Recipe

A user can access an edit form for any recipe they have created, allowing them to modify details such as the title, instructions, ingredients, and number of servings. However, they cannot edit recipes created by other users.

US4 Search Recipes

A user can enter search terms in a search field to find recipes with matching titles or ingredients and can view search results that match the entered keywords. However, they cannot see recipes that do not match the search criteria.

US5 Adjust Recipe Quantities

A user can input a desired number of servings on the recipe detail page and will see updated ingredient quantities reflecting the new number of servings. However, they cannot change the original recipe quantities directly.

US6 Filter Recipes

A user can select filter options for common ingredients, allowing them to view recipes that match the selected criteria. However, they cannot see recipes that do not meet the chosen filter options. They should only be able to see 10 recipes at a time.

2   Script

We will incrementally give you user stories with brief descriptions. We would like you to read these and then attempt to break them into one user story and 3 acceptance criteria.

Don't try to think of edge cases that are not described in the description of the story. If you think you don't have enough information to meet the rules required of a given US or AC you may make up information to meet the rules provided by the tool.

When attempting to write the requirements please don't check the rules specifications before receiving your first feedback. Following this please only check these if you are unsure what is needed for the given requirement.

While writing requirements, you should think about what you do and don't like about the tool you are using. There will be an interview after you have done two scenarios to understand your thoughts, followed by two more scenarios, and then another interview at the end where you will be asked about the second tool you use, and how you think two tools compare.

These tool's criteria may not match how you expect User stories or Acceptance Criteria to be written based on your current knowledge. This is expected.

You should try to satisfy the tool, however, If you disagree with the tool and believe that you have written good user stories and acceptance criteria at any point, and would like to move on to the next scenario, that is okay, just let us know.

From this point we will silently observe. While you are working through the scenario, we would like for you to do so in a 'think aloud' manner. This just involves verbalising your thoughts and struggles. Once you have finished a scenario let us know and we will provide you with the next scenario.

3   To watch

Using the help panel to understand requirements (Note US, and Current Tool)
Questions / Looking Flustered
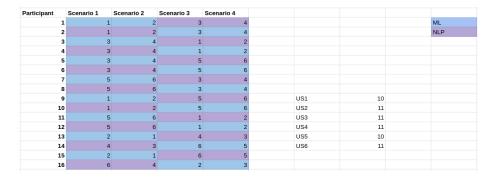Take notes from think aloud

4 Rotation

Participant	Scenario 1	Scenario 2	Scenario 3	Scenario 4				
1	1	2	3	4				ML
2	1	2	3	4				NLP
3	3	4	1	2				
4	3	4	1	2				
5	3	4	5	6				
6	3	4	5	6				
7	5	6	3	4				
8	5	6	3	4				
9	1	2	5	6	US1	10		
10	1	2	5	6	US2	11		
11	5	6	1	2	US3	11		
12	5	6	1	2	US4	11		
13	2	1	4	3	US5	10		
14	4	3	6	5	US6	11		
15	2	1	6	5				
16	6	4	2	3				

Figure 1: Rotation of participants to scenarios

5 Interview

- **Q1:** Rate from 1 to 5 how useful the tips for improving user stories were and provide reasoning.

- **Q2:** Was the feedback provided by the tool about user stories helpful or a hindrance, and why?

- **Q3:** Rate from 1 to 5 how useful the tips for improving acceptance criteria were and provide reasoning.

- **Q4:** Was the feedback provided by the tool about acceptance criteria helpful or a hindrance, and why?

- **Q5:** What do you think could be improved about the tool's feedback and accuracy?

- **Q6:** Is this tool something that you would find useful in SENG302, and why?