

Team Deliverable 3

Members:

- Vigan Ejupi
- Avnish Ozarkar
- Chris Smith
- Landon Ripper
- Lina Urrego
- Brayden Snyder

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ITIS 3300-092

Report:

a. Requirements:

Our list of requirements have stayed the same from our 2nd Team Deliverable.

Functional Requirements (FRs)

Creating Recipes:

- The website will have the functionality to create a new recipe by inputting first the recipe name, then a description of the recipe, different ingredients, and steps (instructions), as well as cooking time in the recipe instructions section.

Viewing Recipes:

- The user will be able to see the full recipe name, description, and ingredients list.
- The user will be able to read the step-by-step cooking instructions
- The user will be able to view additional information including cooking time and serving size.

Searching Recipes:

- Users should be able to search recipes by keywords, such as ingredient names, and other various filters

Along with the original functional requirements from our 2nd team deliverable, we also added some new function requirements.

Deleting Recipes

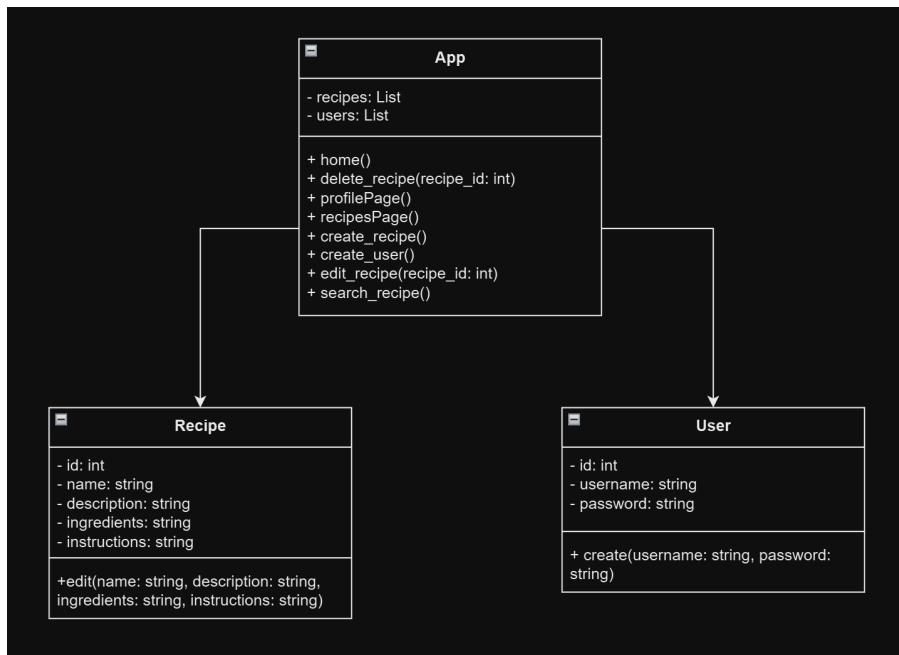
- The user will be able to delete any recipe that they post on the website
- Before the user deletes a recipe, they will be prompted with an alert asking them if they are sure that they want to delete the recipe that they selected.

Editing recipes

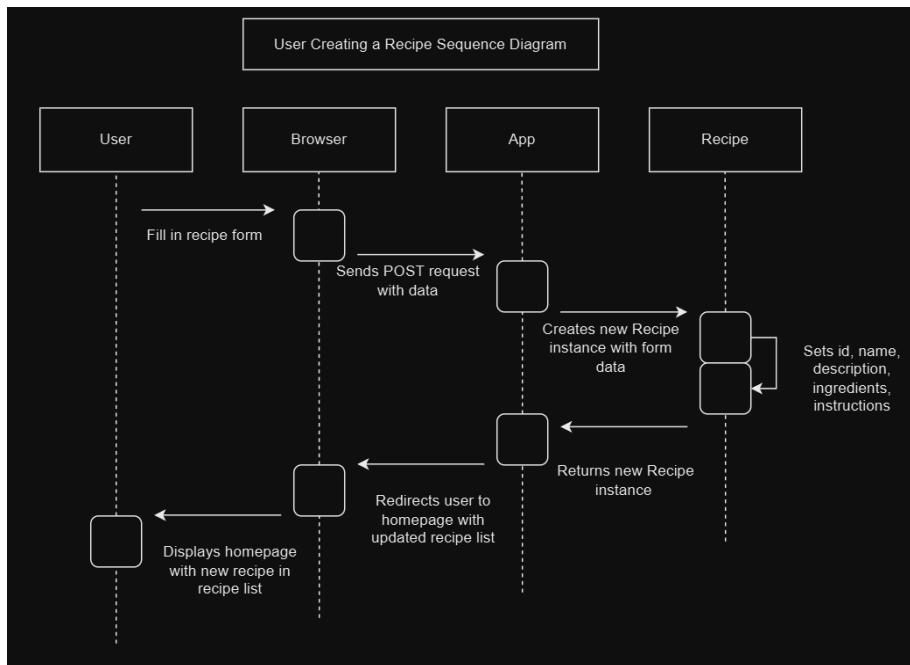
- The user will be able to edit all user inserted details of the recipes that they post on the website.
- The user will also be able to cancel the edit and return the details of the recipe to their original values.

b. UML design for phase 1:

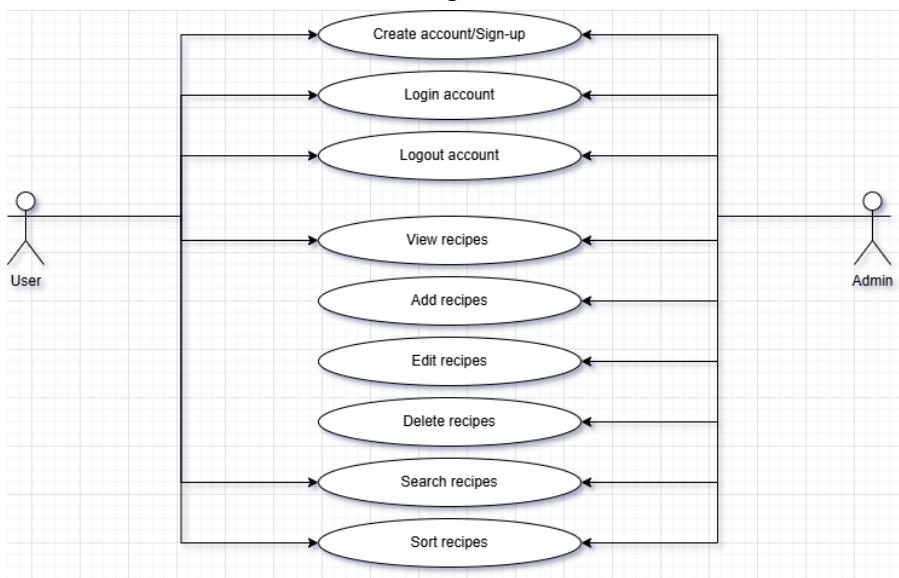
Here is our Class Diagram:



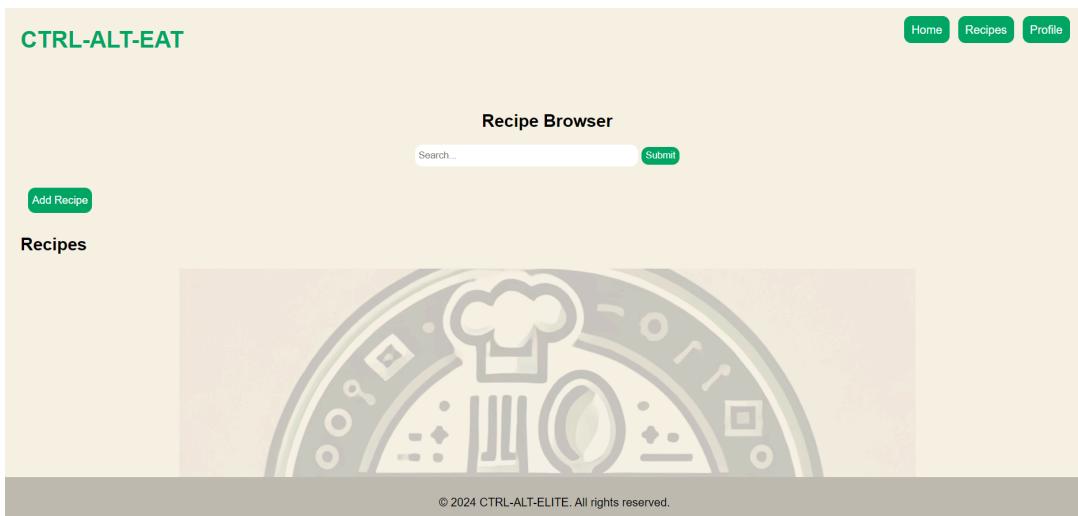
Here is our Sequence Diagram:



Here is our use case diagram:



c. User manual on how to use program (can include screenshots):



This is the landing page for the user. They will start off by selecting the green “Add Recipe” button on the left. Once the user selects it, there will be a menu that pops up. This is where they can enter their recipe name, recipe description, recipe ingredients, and their step by step instructions.

Recipe Browser

Search...

Recipe Name:

Recipe Description:

Recipe Ingredients:

Recipe Instructions:

Recipes

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This screenshot shows the Recipe Browser interface. At the top, there's a search bar with a 'Submit' button. Below it is a 'Close Menu' button. A large gray box contains fields for 'Recipe Name', 'Description', 'Ingredients', and 'Instructions', each with its own input field. At the bottom of this box is a 'Submit' button. Below this box is a section titled 'Recipes' containing a single entry for 'pizza'. The entry includes 'Description' (yummy cheese pizza for a group of 5), 'Ingredients' (shredded mozzarella cheese, dough, tomato sauce), and 'Instructions' (Toss dough, etc....). There are 'Edit Recipe' and 'Delete' buttons at the bottom of this entry. The footer of the page includes a copyright notice: '© 2024 CTRL-ALT-ELITE. All rights reserved.'

It will look like this.

Recipe Browser

Search...

Recipes

pizza

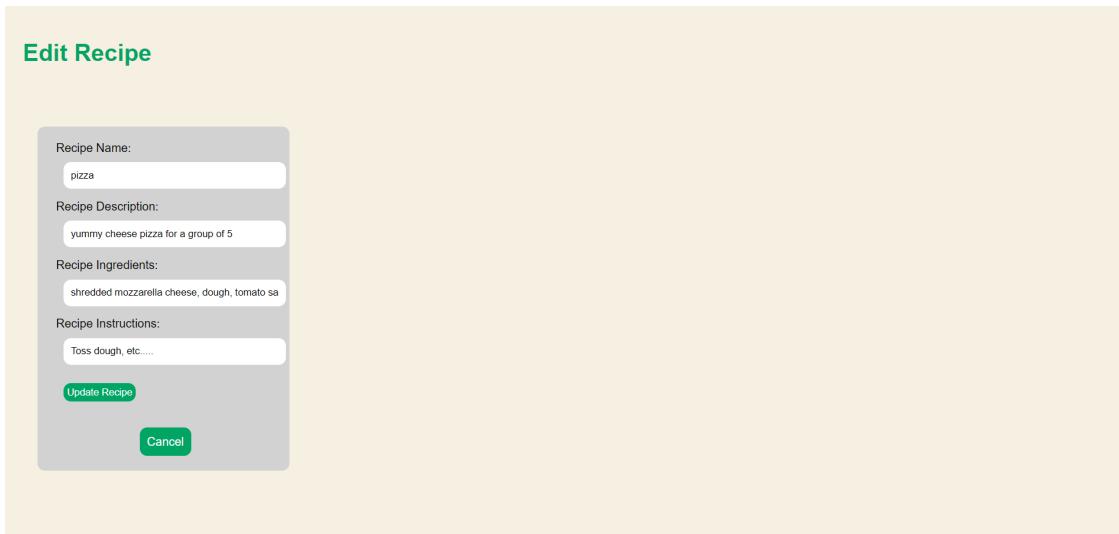
Description
yummy cheese pizza for a group of 5

Ingredients
shredded mozzarella cheese, dough, tomato sauce

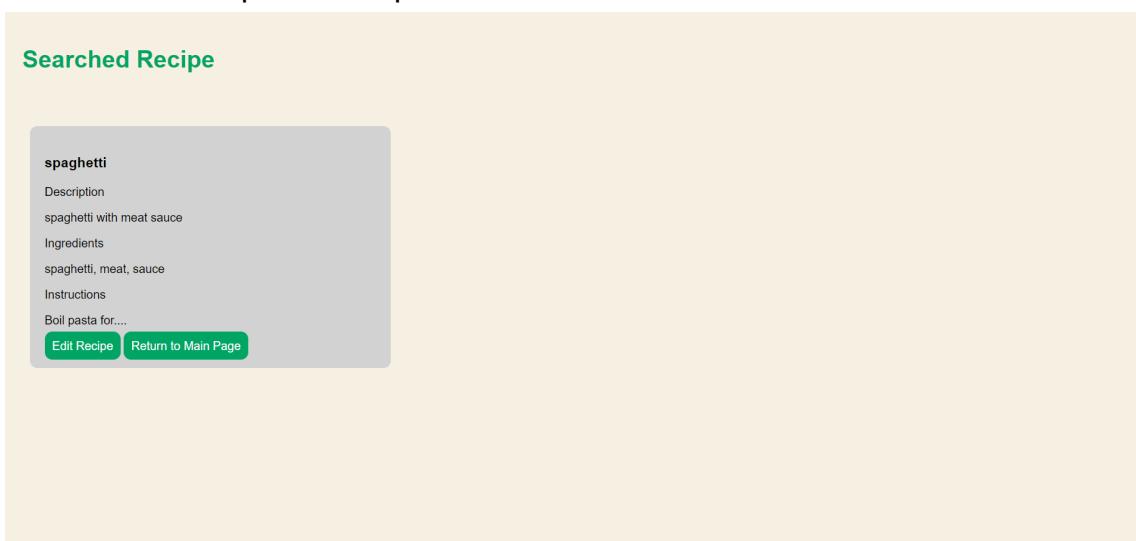
Instructions
Toss dough, etc....

This screenshot shows the Recipe Browser interface after a recipe has been added. It features a header 'Recipe Browser' and a search bar. Below the header is an 'Add Recipe' button. The main area is titled 'Recipes' and lists a single item: 'pizza'. The details for 'pizza' are displayed in a box: 'Description' (yummy cheese pizza for a group of 5), 'Ingredients' (shredded mozzarella cheese, dough, tomato sauce), and 'Instructions' (Toss dough, etc....). At the bottom of this box are 'Edit Recipe' and 'Delete' buttons. The background features a decorative graphic of a bowl of soup.

Once the user selects the “Submit” button, all of their information for the recipe they created will be displayed which will then appear on the main list. The user then has the option to delete the recipe or edit the contents within the created recipe.



If the user clicks on “edit recipe”, the edit menu will prompt up and the user can then update or make the necessary changes to the recipe. Once finished they can select the “Update Recipe” button or choose to cancel.



If a user has multiple recipes created, they have the option to search up any recipe they choose to view. They will enter the name of the recipe in the search bar using any keywords and then select the “search” button. The results will then be displayed and the user can choose to edit the recipe they’ve searched or just view it and return to the main page.

d. Instructions on how to run program and test cases:

1. Make sure python is installed
2. Install Flask and you can do that by using the command: pip install flask
3. Download and navigate the Project Folder

4. open a terminal (preferably Command Prompt) and type in the command:
cd path_to_project/src
5. Then start the Flask Application by typing: flask run
6. In the output it'll look something like <http://127.0.0.1:5000>, enter this in your web browser

The application should now display the home page. See part C for testing case scenario.

e. Reflection:

Overall we are making great progress on our project. We developed key functionalities like the recipe creation, edit recipe, delete recipe, and the search function. We also created a structured web interface using Flask for the backend and HTML/CSS for the frontend. Integrating this was the main goal for phase 1. One issue that came up for some of us was getting Flask to run. We kept getting errors and we weren't able to get our website running but we all eventually got it working with help amongst each other and doing research.

f. Member contributions:

Member name	Contribution description	Overall contribution	Note
Vigan Ejupi	Worked on the 'edit recipe' feature and added some styling components to it. Also worked on Requirements, UML, User Manual, Instructions and Reflection parts of the report.	20%	
Avnish Ozarkar	Worked on the delete recipe function, also worked on the backend components through flask.	20%	
Chris Smith	Worked on the "search recipe" feature and some	20%	

	UI components. Also worked on adding the new requirements onto the report		
Landon Ripper	Worked on the UML diagrams in the report, Created the signup functionality under profile.	20%	
Lina Urrego	Worked on Posting a Recipe and viewing recipes. some UI components. Inspection doc	20%	
Brayden Snyder	none	0%	We have not heard from Brayden in a long time. We have reached out to him.