CSE183 Project Team 17 -- Recipe Manager:

•yzhan983@ucsc.edu

•helamni@ucsc.edu

•jaleyu@ucsc.edu

•tchang52@ucsc.edu

•szhu49@ucsc.edu

•jlee897@ucsc.edu

User Manual Table of Contents

Product Introduction 1.1
Our product is a web-based recipe manager that allows users to create, browse, and share recipes. This is a database-driven application that must include user accounts and support for searching and managing shared ingredients and recipes. This website is built using py4web and is available for use on all systems that support py4web and its respective dependencies.

Login and Account Creation 1.2
Assuming that you have setup and downloaded py4web onto your system, we will now go into how to create and setup your account to use the recipe manager to its fullest extent. That said, users can still view all currently posted ingredients and posted recipes for non-logged in users.

Upon visiting the website's homepage, you should be met with the latest posts of ingredients and recipes as well as a simple navigation bar to view the different sections of the recipe manager.
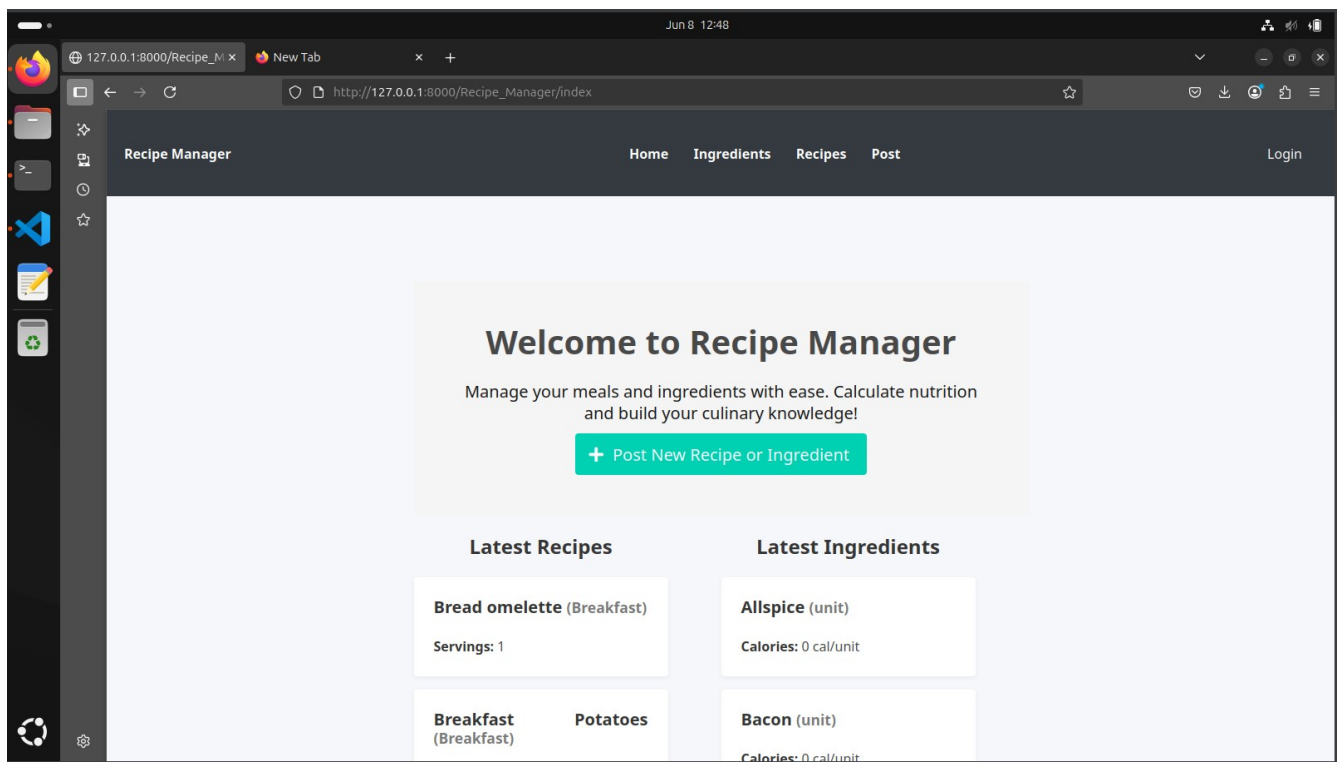

Here, you should be able to see the separate section for the home page, ingredients, recipes, and posting page respectively. You should also see the login page to the right as well.

As a user that is not logged-in, you have limited access to change or post recipes or ingredients on your own, but you are allowed to view what is already in the database at the time. For example, let us pull up the ingredients postings by hovering and clicking your mouse over the ingredients page. You should now be presented with the current database postings of available ingredients.
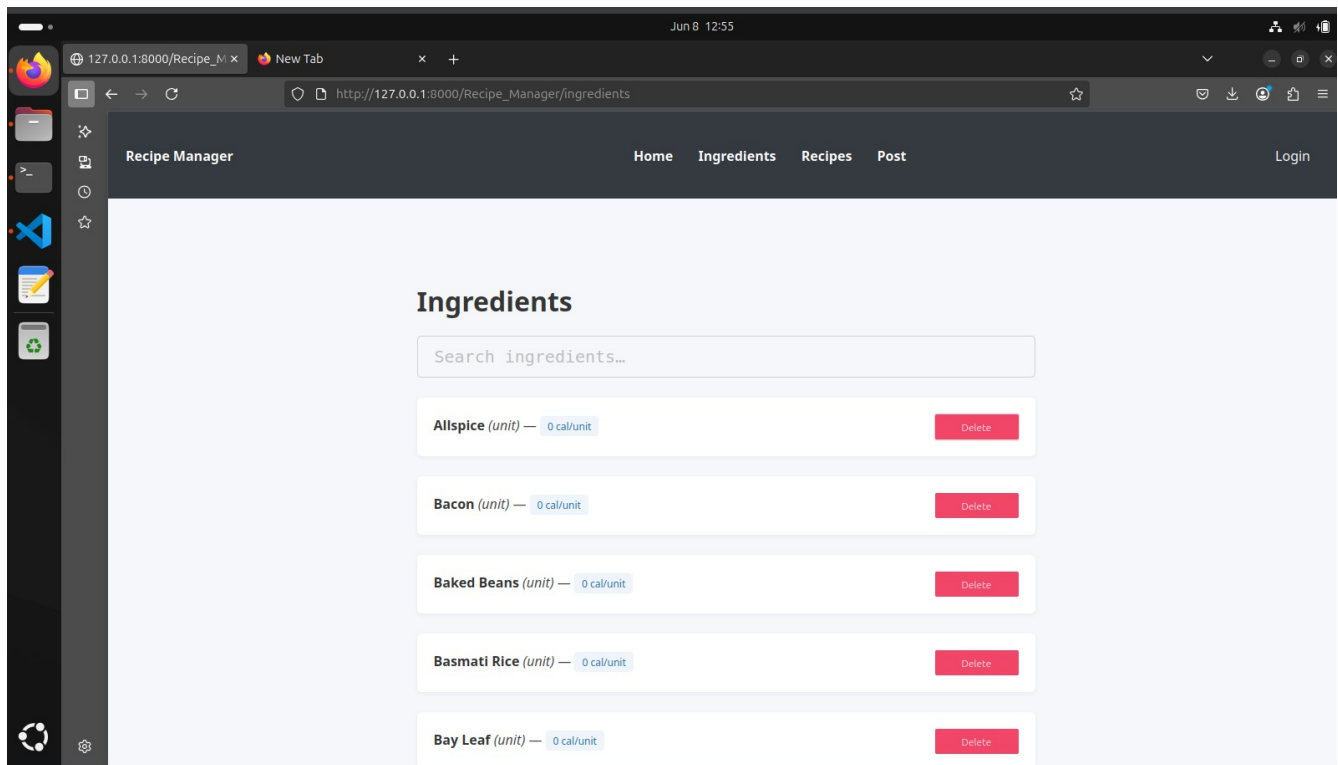
Despite being able to click on the buttons for deleting posted ingredients, our back-end ensures that only authorized users (logged-in users) are able to delete or modify existing recipes or ingredients. This also is the same for posting new items for the two respective postings as well.

Visiting recipes page will lead to the same if not similar result and visiting the posting page results in a login screen due to the page only allowing users that are logged-in.
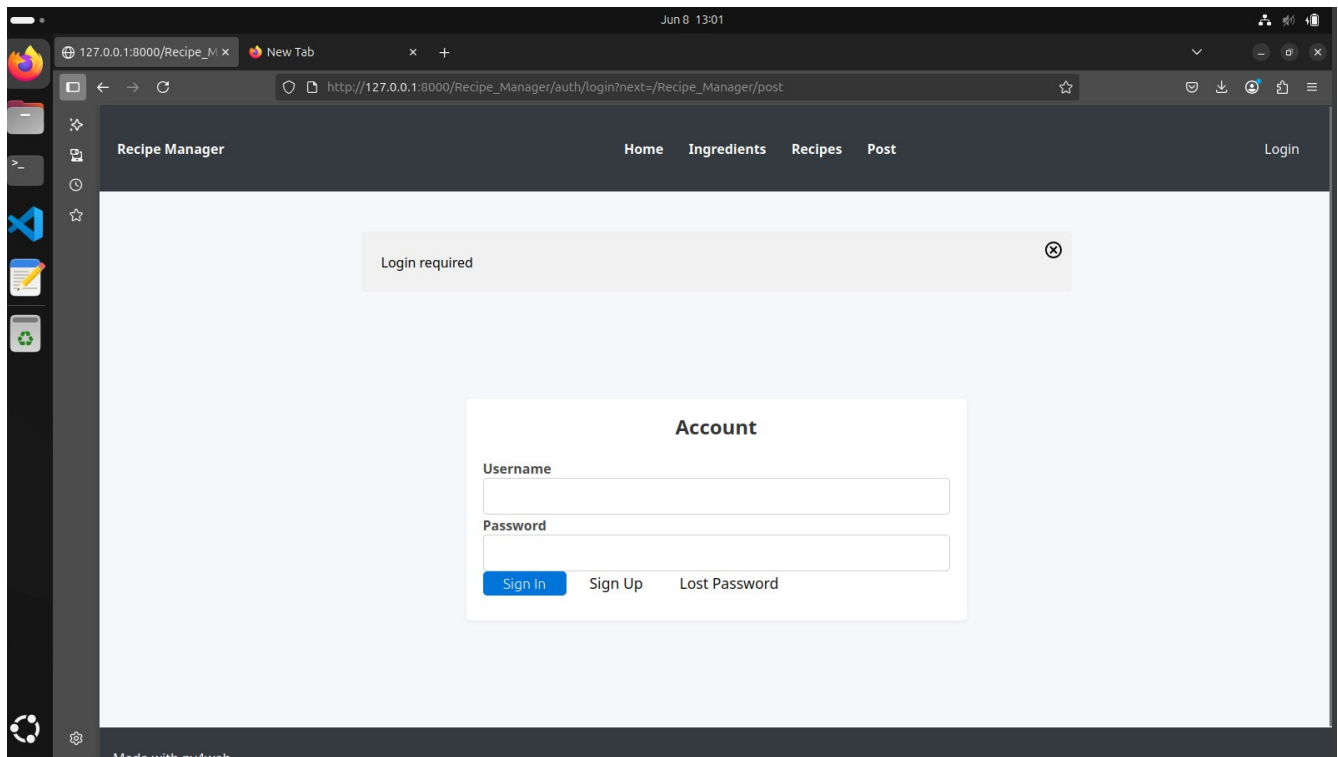
Now, that we have covered what pages and features are available to you should you not have an account, let's get started with getting you an account so that you can access the full suite of features that is in the recipe manager!

To get started, hover and click on the right-most icon labeled "Login". There should be a drop-down menu that states login and sign-up. If you are unable to see the login or sign-up options for whatever reason, then navigating to the posting page should automatically take you to the login screen where you can login or sign up into the website.

Once there, either create an account and sign in or if you already have an account with the website, login with your existing account.

Once you have created your account, simply login and enter the website again with your newly created account. You should now be able to access the posting page as proof that you have successfully logged in. Make sure that your email is verified before logging in again.

In our case, when we logged into our new created account, our terminal outputted the link to the website with our newly created account.

```
127.0.0.1 - "POST /Recipe_Manager/auth/register HTTP/1.1" - 200 5301 > Thread-5 > 11:25:19.137
127.0.0.1 - "POST /Recipe_Manager/auth/register HTTP/1.1" - 200 5297 > Thread-5 > 11:25:25.548
Mock send to temp@gmail.com subject "Confirm email" body:
Welcome temp, click http://127.0.0.1:8000/Recipe_Manager/auth/verify_email?token=2e83f8b0-590b-4252-b266-2a25dbe96b26 to confirm your email
```

Congratulations! You should now have successfully created and logged into the recipe manager! You should now be able to access all of the features that this website offers.

We will now go in depth on each feature that is available for you to use in the later chapters.

2.1 Ingredients posting and modification
Assuming you are now logged in, you can now add ingredients to you recipes! While we already import the default recipes, if you want to add you own ingredient, simply click on the post option in the upper right, and go to the ingredients form.

Here, fill out the form with your ingredient information and click on add ingredient once you are done. Upon adding the ingredient, you should now be shown a popup that confirms that your posting was successful.

Great! You have now added your own ingredient!

In the Ingredient's page, the listing shows all available ingredients that you can use in your recipe with the respective caloric intake that you have made for each ingredient. Feel free to use the search to browse the ingredients if you want to search for a particular ingredient.

If you posted something accidentally, you can always delete the respective post and create a new ingredient should you want. Of course, if you are not logged in as a user, the delete feature would not work.

3.1 Recipe posting and modification

Now that you have all the ingredients you need to create you own recipe, we can start with creating your own recipe!

Simply click on the post option again in the header bar, and go to the recipe form. Here you can choose your details for you particular recipe as well as add an image to whatever recipe you would like to add.

While filling out the respective information, whatever ingredients that you have selected, the total calories should automatically be calculated for you in respect to whatever ingredient and their specified calorie is. The total calories should update to however many ingredients you have put in.

Once you are done, click on the add recipe button to finish adding your own recipe! You should receive a popup to confirm that your recipe has been created.

Once you have added your very own recipe, you can navigate to the recipe option in the header to view all recipes that have been posted. Use the search bar to search for any specific recipe that uses a particular ingredient by typing that ingredient name in the search bar. Of course, putting a particular recipe name will also allow you to search for recipes as well.
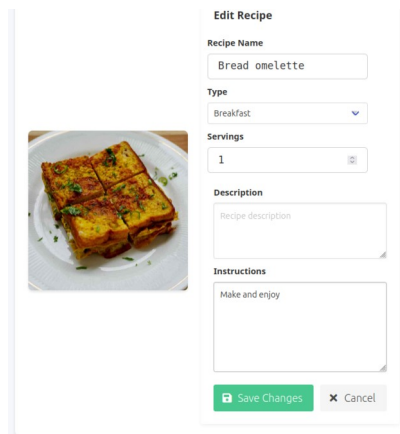
If you want a recipe(s) with a particular type such as lunch or dinner, you can use the drop down menu to quickly focus the view on those recipe postings.

You will quickly find that there are a lot of different options for each recipe, but don't worry! We will guide you and help you navigate through each recipe so that it is easy to understand.

To start off, if you made a mistake in your recipe or that you don't want the post to be posted, click on the modify and delete buttons respectively.
The modify button will allow you to change whatever you have originally posted in your recipe and allows you to readjust should it be necessary.
The delete button delete the post, but you will have a confirmation prompt just in case you didn't want to delete it.

3.2 Recipe Reviewing and commentary
Seeing so many of the other recipes, you would be curious to try them out and leave a review right? Of course, we offer that functionality as well. In the recipe page, you should see the options for liking, disliking and reviewing.

Clicking on the like or dislike would make the counter go up, giving you a quick overview on how well received a particular recipe is. Of course, if you want to make a comment or view more detailed commentary of a specific recipe, click on the review button to see what others or you would like to say about the particular recipe.

You also have the option of clicking the respective star to give a star rating as well if you don't want to give a like or dislike.
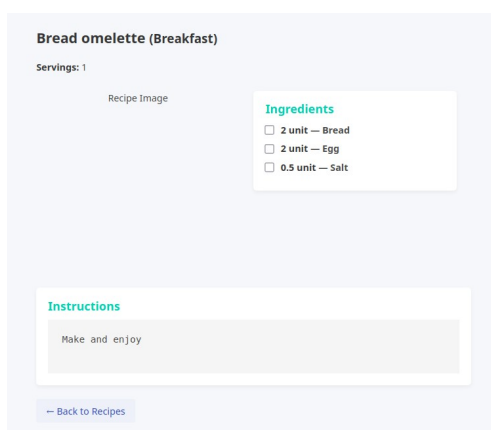
Here, you should see the current reviews (if any) as well as an input box to leave your own review. Be sure to leave constructive criticism on the recipes!

3.2 Recipe enlargement and further details

Now that you have seen how to interact and leave commentary on each recipe, you are probably wondering how to get the specifics of each recipe to research on your own or even to seek inspiration for a new recipe!

You can click on the image of the recipe (if any) to enlarge the photo or the name of the recipe to take you to the page dedicated to that specific recipe.

Bread omelette (Breakfast)

Servings: 1

Recipe Image

Ingredients
- ☐ 2 unit — Bread
- ☐ 2 unit — Egg
- ☐ 0.5 unit — Salt

Instructions

Make and enjoy

← Back to Recipes

Here you can see the detailed instructions as well as the proper ingredients to use without any of the other distractions or recipe posts diluting your vision. If you want to return to the other posts, simply click on the back to recipes link at the bottom left hand corner, and you can interact with another post.

This now sums up the basic features of our recipe manager. We sincerely hope you enjoy our project. Of course, we appreciate any feedback or commentary on our site. Be sure to explore and have fun!