

## **Recipe Search Project by Nikolas Pasborg**

### **Project description:**

A collection of recipes, which the user can search to find the recipe they want to use. If the application does not find a recipe associated with what they have looked up, they have the option to add a recipe to the collection. They may choose to return to the main menu at any time.

### **Business Impact:**

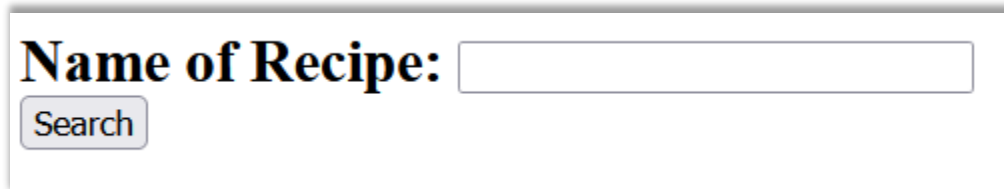
It makes searching for recipes easier, as users only need to utilize one website to search for many different recipes, and if not found can add one if they choose to do so.

### **Data Structure:**

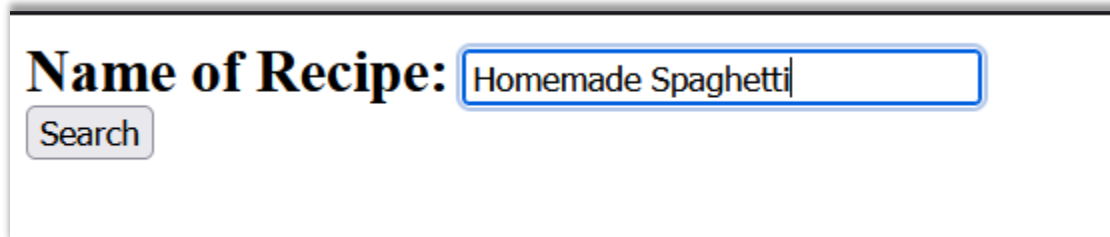
Recipes will be stored using ArrayList.

## Using the Application:

This is the main page. A user has a form where they can type in the recipe they would like to search for.

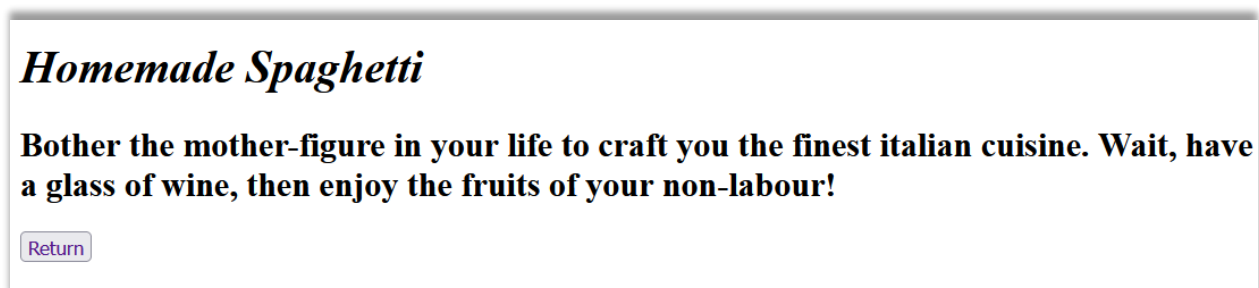


A search form with the label "Name of Recipe:" followed by an empty text input field. Below the input field is a "Search" button.



A search form with the label "Name of Recipe:" followed by a text input field containing the text "Homemade Spaghetti". Below the input field is a "Search" button.

If the recipe is found, the name of the recipe and description of it will appear, and they have the option to press **Return** and go back to the search function.



A recipe result card for "Homemade Spaghetti". The title is in italics. The description is in bold. At the bottom is a "Return" button.

***Homemade Spaghetti***

**Bother the mother-figure in your life to craft you the finest italian cuisine. Wait, have a glass of wine, then enjoy the fruits of your non-labour!**

[Return](#)

If the recipe they were searching for does NOT exist, they are given 2 options: Add Recipe to continue to the **Add Recipe** form or **Return** to go back to the search function.

**The recipe *Noodles* was not found!**

Add Recipe

Return

After clicking the **Add** button the user fills out the forms (Name and Description of the recipe) and can press the Add button to Add it to the collection, or the Return button to go back to the search function.

**Name of new Recipe:**

Noodles

**Description of new Recipe:**

↓, boil until soft, serve then enjoy!

Add

Return

Once Add is clicked the new recipe will display, and the user will have the option to go back to the Search Function.

*Noodles*

**Grab noodles from cupboard, boil until soft, serve then enjoy!**

Return

## Postman Screenshots of SOAP Implementation:

