

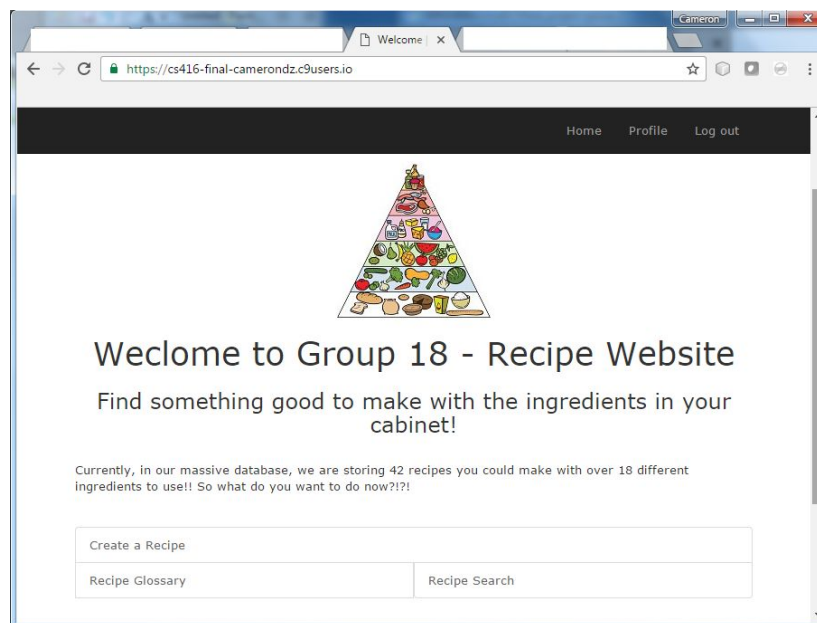
## CS416 - Final Project - Group 18

# Recipe Website Application

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Our application is a website designed to help users find recipes, as well as make contributions to our recipe archives. To launch the application, enter the Heroku address in your browser:  
<https://evening-taiga-89077.herokuapp.com/>

From the website's landing page, a user is presented with our mission statement and several links for activities to choose from.



Below the food pyramid, a user has a choice of three separate areas within the application they can visit; 'Create a Recipe', 'Recipe Search', and 'Recipe Glossary'.

### Create a Recipe

Here, a user gets to create their very own food recipe. They name the recipe, add a description, and choose from a set of ingredients what to add to the recipe. The ingredients are dynamically created from the ingredients model and generated with a corresponding checkbox. When checked and submitted the ingredients are associated with the created recipe via a has\_many\_through join table. String length validation exists in the name and instructions text boxes. Checkbox validation in the recipe model prevents a recipe from being created without at least one ingredient checkbox checked.

### Recipe Search

In this section, a user can search for specific recipes. As a user types, a list of recipes is generated that match the name in which the user is searching.

## Recipe Glossary

In this section, a user can view all the recipes. They can either generate our entire archive of recipes, or narrow down the search to the first letter of each recipe name .

At the top of the page, in header, a user is given the option to log in or sign up for the application. The header options are dynamic and will display log out, profile, and home options once a user has been signed in.

## Sign Up

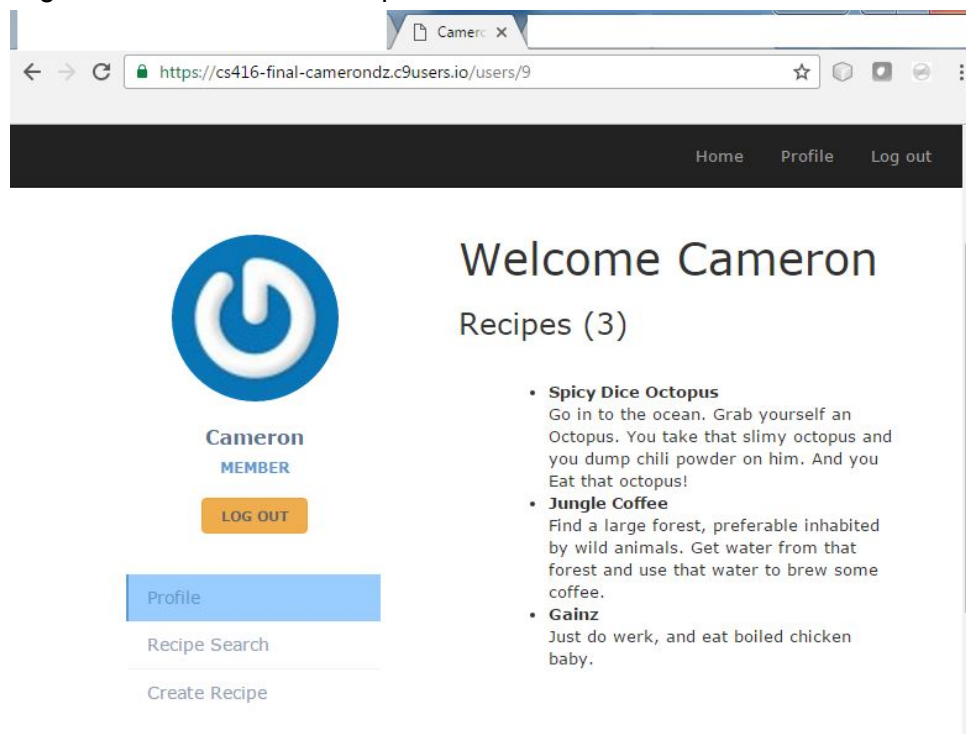
From the main welcome page a user can press the sign up button to access the sign up form page. Once signed up, the app remembers the user when revisiting the page and the user will be directed to their profile page.

## Log In

From the main welcome page a user can log in to an existing account if they have cleared their data or logged out. This will redirect to the user profile page upon submission of credentials.

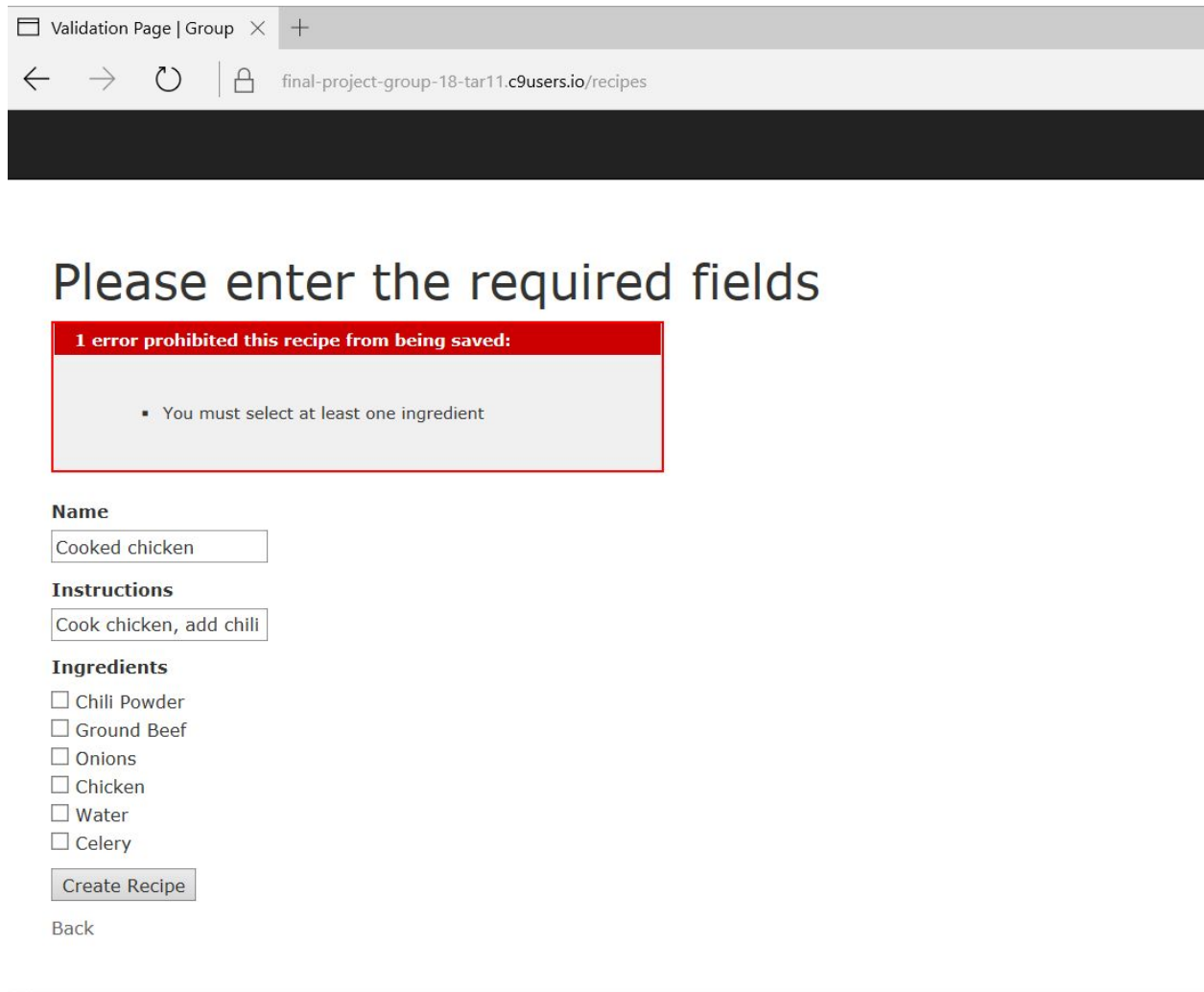
## Profile Page

The user profile page has a navigation bar on the left side allowing the user to jump to the recipe creation page or search for a new recipe. The user profile page tracks all the recipes that the user has created on the app and displays them in a bulleted fashion along with the corresponding instructions for each recipe.



## Complex Flow Element

If the form is submitted with validation errors either; string length error in the text fields or less than 1 checkbox checked upon submission, the create recipe action in the recipes\_controller routes from recipe\_create to a view named instructions.html.erb which in turn renders the \_instructions.html.erb form. This view asks the user to re enter the required fields.



The screenshot shows a web browser window with a single tab titled "Validation Page | Group". The address bar displays the URL "final-project-group-18-tar11.c9users.io/recipes". The main content area has a dark header bar. Below the header, a large heading reads "Please enter the required fields". A red-bordered box contains a red header with the text "1 error prohibited this recipe from being saved:" and a single bullet point below it stating "You must select at least one ingredient". Below this error box, the form fields are displayed: a "Name" field with the value "Cooked chicken", an "Instructions" field with the value "Cook chicken, add chili", and an "Ingredients" section with a list of checkboxes for "Chili Powder", "Ground Beef", "Onions", "Chicken", "Water", and "Celery". At the bottom of the form is a "Create Recipe" button and a "Back" link.

Validation Page | Group × +

← → ↺ | final-project-group-18-tar11.c9users.io/recipes

## Please enter the required fields

**1 error prohibited this recipe from being saved:**

- You must select at least one ingredient

**Name**

**Instructions**

**Ingredients**

- ☐ Chili Powder
- ☐ Ground Beef
- ☐ Onions
- ☐ Chicken
- ☐ Water
- ☐ Celery

[Back](#)

When submission passes validation a new recipe is created as shown below:

Recipe was successfully created.

**Name:** Cooked chicken

**Ingredients** Chili Powder

**Instructions:** Cook chicken, add chili powder

[Edit](#) | [Home](#)