

Software Engineering: 14:332:452:01
Group 1
Home Kitchen Automation



<https://github.com/max-legrand/chefcart>

<https://chefcart.herokuapp.com>

User Documentation
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Sign-Up Page

Signup

Email address

We'll never share your email with anyone else.

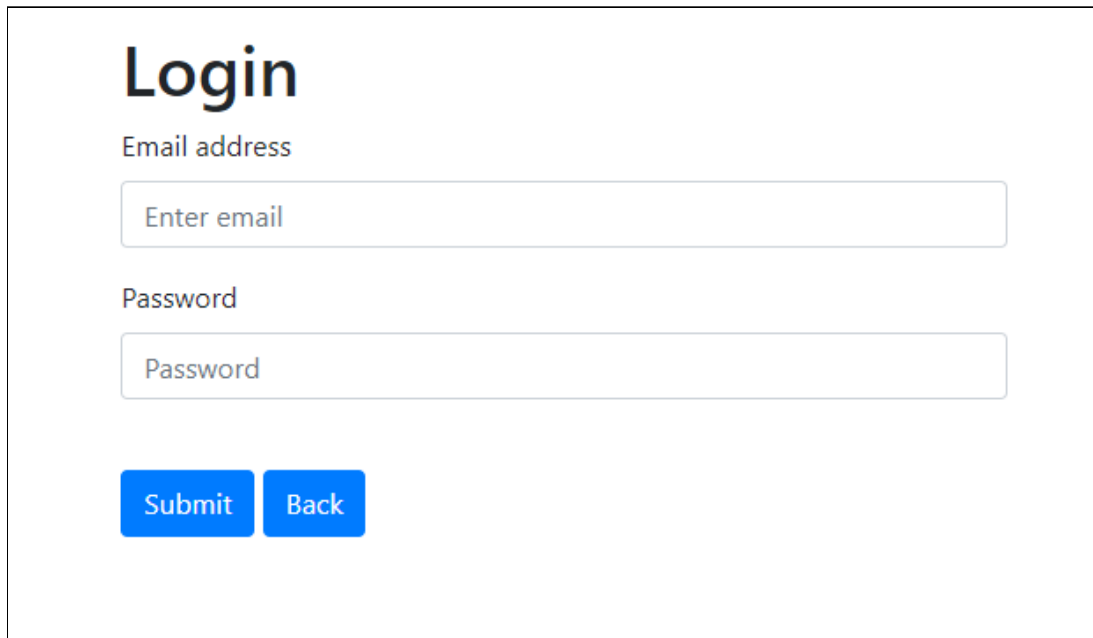
Password

[Submit](#) [Back](#)

This is the signup page where the user can create a new account.

- When creating a new account, the user is prompted to enter a username and password.
- The username is the email address used to sign up.
- Upon clicking the Submit button, the user will be logged in and can begin using ChefCart.

Login Page

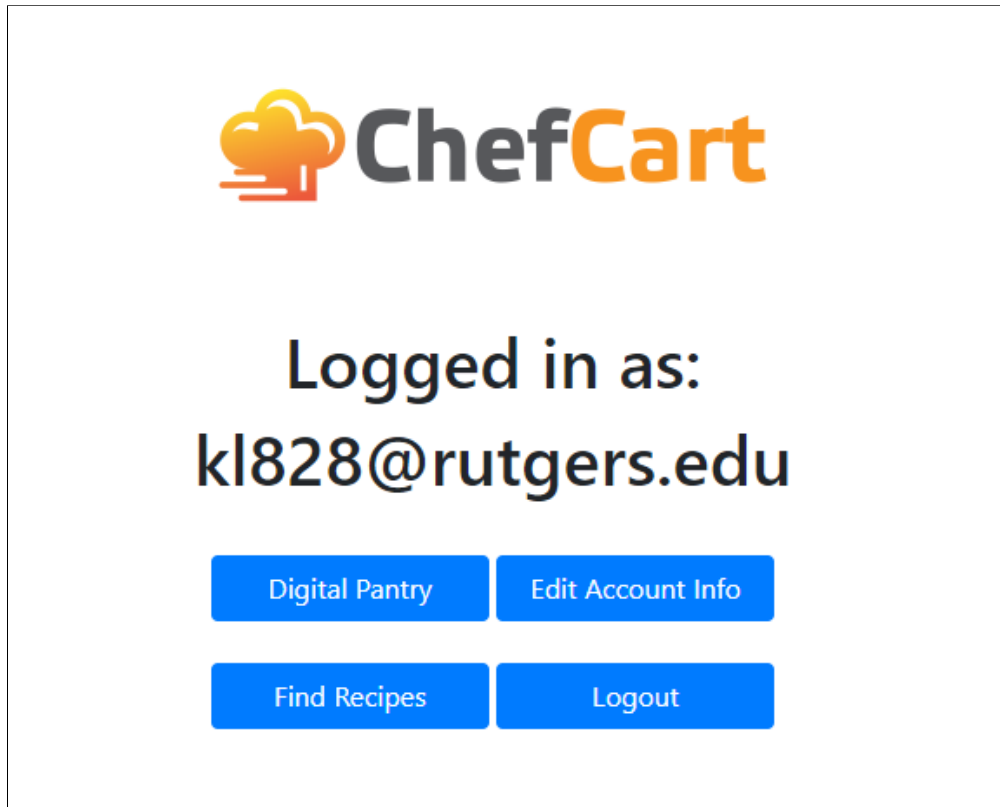


The login page features a white background with a black border. At the top left, the word "Login" is displayed in a large, bold, black font. Below it, the text "Email address" is followed by a text input field containing the placeholder "Enter email". Further down, the text "Password" is followed by a text input field containing the placeholder "Password". At the bottom left, there are two blue buttons with white text: "Submit" and "Back".

This is the login page where the user can login to access ChefCart functions.

- The username is the signup email
- After inputting the username and password, the user will click the Submit button to sign in. It will lead the user to the Main Page.

Main Page



This is the main page upon login where the user can navigate to each of ChefCart's features. There are four buttons that the user can click on.

- Digital Pantry button will lead to the Digital Pantry Page
- Find Recipes button will lead to the Grocery List Page
- Edit Account Info button will lead to the Account Page
- Logout button will lead to the Start Up Page

Edit Account Page

Edit User

Email address: kl828@rutgers.edu

Password

City

State

New Jersey ▾

Diets




Nothing selected ▲

Intolerances

Nothing selected ▲

- When in the *Account Page*, the user can edit their accounts. The *Account Page* consists of:
 - Password - The user can change their password by inputting a new password into the field.
 - City - The user can change their city by inputting a new city.
 - State - The user can click on the drop down icon and a list of states will appear. The user can change their state by clicking on one of the states in the list.
 - Diets - The user can click on the drop down for adding any diets that they would like to have satisfied during the use of ChefCart.
 - Intolerances - The user can click on the drop down menu for adding any intolerances that they would like to have satisfied during the use of ChefCart.
- The user can save all the account changes by clicking on the *Submit* button.

Digital Pantry

My Digital Pantry							
	Name	Quantity	Weight	Volume	Expiration		
	Tomatoes	4	N/A	N/A	04/09/21	Edit	Delete
	Bread	4	1000 grams	N/A	04/10/21	Edit	Delete
	Oil	4	N/A	800 fl.oz	08/05/21	Edit	Delete
Add + Find Recipes Back							

- When in the *Digital Pantry*, the user will be able to see what is in their digital pantry along with key information: ingredient name, quantity, weight in grams, volume in milliliters, and expiration date.
- The user has the two main actions in the digital pantry:
 - The *Add+* button opens up the *Add Item* page (see page 8), a separate window that allows users to manually add ingredients and information. Once the ingredient is added, the pop-up will close and the *Digital Pantry* will refresh, showing the new ingredient(s) included.
 - The *Find Recipes* button opens the *Recipe Generator* page (see page 10).
 - The *Edit* link for each existing ingredient allows users to edit the amount of said ingredient in the *Digital Pantry*.
 - The *Delete* link for each existing ingredient allows users to delete the said ingredient from the *Digital Pantry*.

Add Ingredient Page

Add item

Item Name

Quantity

Set to 0 for N/A

Volume

Set to 0 for N/A

Volume Units

Ignore if volume is N/A

Weight

Set to 0 for N/A

Weight Units

Ignore if weight is N/A

Expiration Date

Image Link

Enter custom image link. Enter "Default" for default image if applicable. Leave blank for no image.

Add item

Back

The Add Ingredient Page is where the user can enter the fields for a new ingredient.




- In this page, the user can input a new ingredient's fields.
 - Item Name - The user enters the name of the ingredient. An invalid ingredient will result in an error.
 - Quantity - The user enters the quantity of the ingredient they have in stock.
 - Volume - The user enters the volume of the ingredient they have in stock.
 - Volume Units - The user enters the unit of volume for the ingredient.
 - Weight - The user enters the weight of the ingredient they have in stock.
 - Weight Units- The user enters the unit of weight of the ingredient.

- Expiration Date - The user enters the expiration date of the ingredient using a date picking interface.
 - Image link - The user enters a link for the image of the item that would like to view it as. If left as default, it will select an image for the user.
- Once the desired fields are entered, the user can either add the ingredient by clicking on the Add Item button or cancel by clicking the back button.

Recipe Generator

Recipe Finder

Pantry Ingredients

	Name	Quantity	Add to Search
	Tomatoes	4	<input type="checkbox"/>
	Bread	4	<input type="checkbox"/>
	Oil	4	<input type="checkbox"/>

Additional Ingredients

Specific Cuisines

Nothing selected ▾

Leave empty for all cuisines

Diets

Nothing selected ▲

Intolerances

Nothing selected ▲

- The Recipe Generator page shows the user what ingredients to include when discovering recipes.
- The user can check or uncheck various existing ingredients in the Digital Pantry signifying if they want recipes that use the selected ingredients. Interacting these ingredients keeps the user in the Recipe Generator page.
- The user can also specify additional ingredients by typing in a designated text field. All inputs are allowed; invalid food types will simply be ignored when searching for recipes.
- The user can also select from a list of cuisines, diets and intolerances to further specify the recipe search. If no options are selected, the generator will output all recipes that use all of the ingredients.

- Once the user has entered all the information, the user can click the “Submit” button to go to the resulting recipes list on the Recipes Page (see page 12).
- The user can click “Back” to go back to the previous page (this could be the Main Page or the Digital Pantry page).

Recipes Page

Recipes

	Name	Used Ingredients	Missing Ingredients	
	Roasted Fish Bruschetta	3	6	View Recipe

Back

Description:

- The user can view the list of recipes available to them. The list contains the recipe name, used ingredients, and number of missing ingredients.
- By clicking on the view recipe, it will display the recipe information to the user.
 - This action will send the user to the Spoonacular website to view the recipe.
 - Information such as instructions, price and prep time are provided by Spoonacular.
- The user can click on the used ingredient or the missing ingredients header to sort the recipes. Click again to switch between ascending or descending order.
- By clicking on the Back button, it allows the user to return back to the Recipe Generator when they click it.