

RECIPE-KEEPER

Sangeetha Rani

@sangeetharani82 on GitHub

DESCRIPTION

- Recipe Keeper is a web application that allows a user to maintain recipes all in one place.

FEATURES

- Create, edit, delete and view recipes.
- Create Ingredients for recipes.
- Rate and comment recipes.
- Search recipes by recipe name/course/category and ingredients.

PLANNING – USER STORIES

- Users may
 - View a list of recipes
 - Create one with: Recipe Name, Course, Category, Serving-size, Prep-time, Cook-time, Direction.
 - Create course, category if needed.
 - Once recipe is created, user may add ingredients to the recipe.
 - If ingredients not listed, user may create one.
 - Rate and comment recipes.
 - View each recipe in detail.
 - View the rating and comments for a given recipe.
 - Delete recipes.
 - Edit recipes.
 - Search recipes by recipe name, course, category and ingredient.

PLANNING – DATABASE

Model classes/ tables:

- **Recipe** - has recipe name, serving-size, prep-time, cook-time, direction along with Many-one relationship with Course, Category and One-Many relationship with AddIngredientsToRecipe & with RateAndComment.
- **Course** - has a course name with One-Many relationship with Recipe.
- **Category** - has a category name with One-Many relationship with Recipe.
- **Ingredient** - has an ingredient name with One-Many relationship with AddIngredientsToRecipe.
- **AddIngredientsToRecipe** - has a quantity with Many-one relationship with Recipe and Many-one relationship with Ingredient.
- **RateComment** - has rating and quantity with Many-one relationship with Recipe.

TECHNOLOGY STACK

- Java
- Spring boot w/ Thyme leaf templates
- My SQL
- Bootstrap

DEMO

HOME/INDEX PAGE

Recipes

localhost:8080/recipe

90%

Most Visited

LC101 St. Louis - Ment...

slackbot | LaunchCode...

Liftoff slack

Recipe Keeper - Pivot...

Your Profile

GitHub

Classes :: Unit 3: Back...

Videos :: Unit 3: Back...

Recipe Keeper

Home

Courses

Categories

Ingredients

Search Recipe...

Submit

Recipes

Add Recipe

Comment here

Name	Modify	Detail	Remove	View Ratings/comments
Scrambled egg	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>
Chow Mein	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>
Kuruma	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>
Chicken Soup	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>
Bread Omlette	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>
Fish curry	<div>Edit</div>	<div>View</div>	<div>Delete</div>	<div>View Ratings</div>

INGREDIENTS LIST

Ingredients

localhost:8080/ingredient

90%

Most Visited

LC101 St. Louis - Ment...

slackbot | LaunchCode...

Liftoff slack

Recipe Keeper - Pivot...

Your Profile

GitHub

Classes :: Unit 3: Back...

Videos :: Unit 3: Back...

Recipe Keeper

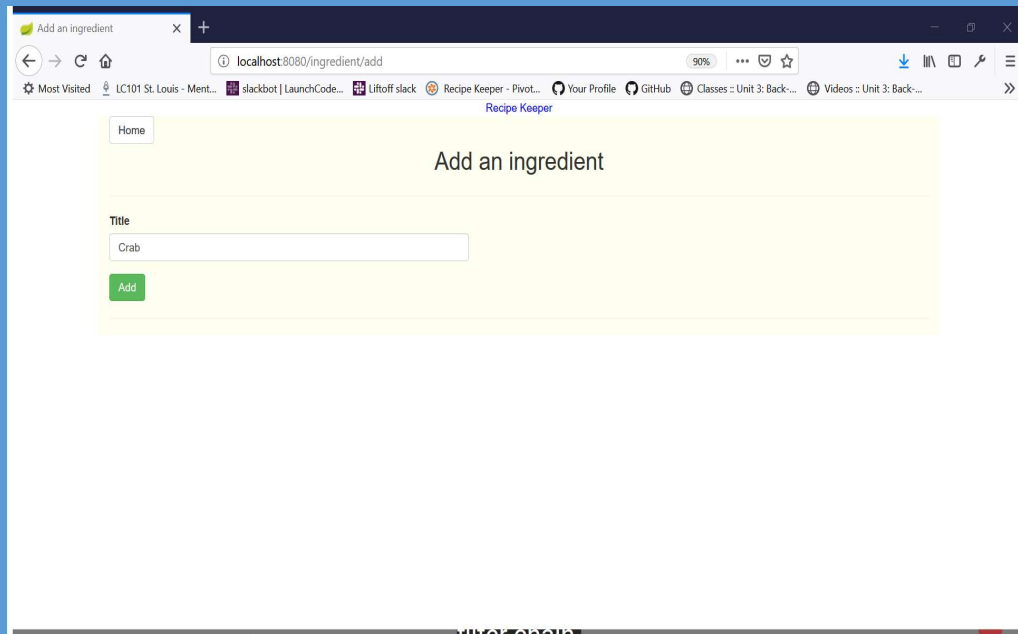
Home

Ingredients

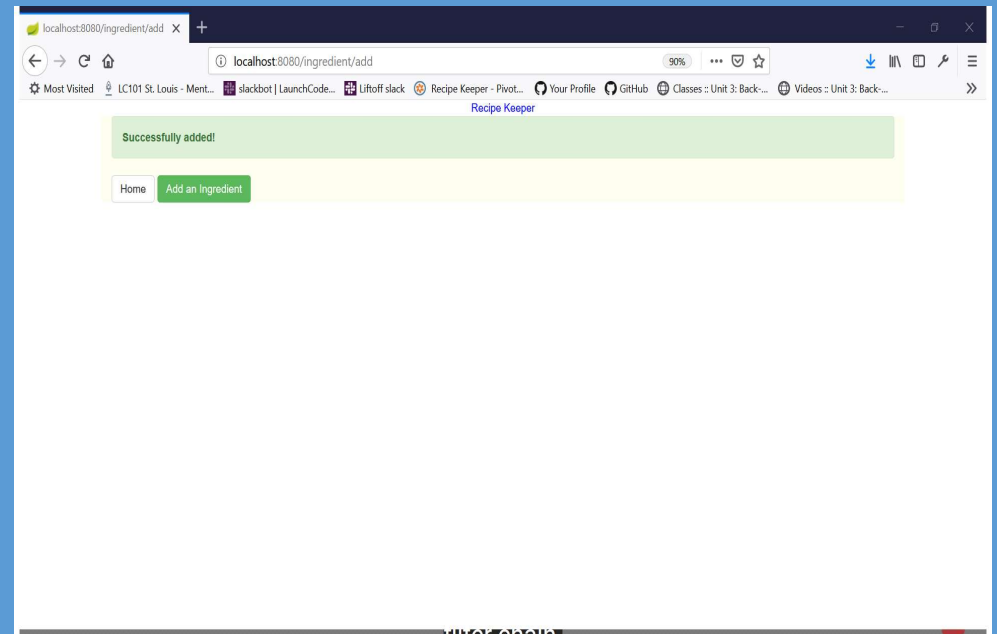
Add an Ingredient

Name	Remove
Salt	Delete
Sugar	Delete
Asofoetida	Delete
Milk	Delete
Egg	Delete
Butter	Delete
Cabbage	Delete
Oil	Delete
pepper	Delete

CREATE AN INGREDIENT



A screenshot of a web browser window showing a form titled "Add an ingredient". The browser's address bar displays "localhost:8080/ingredient/add". The form has a yellow background and contains a "Home" button, the title "Add an ingredient", a "Title" label, a text input field with "Crab" entered, and a green "Add" button. The browser's tab is labeled "Add an ingredient".



COURSES LIST

Recipe Keeper

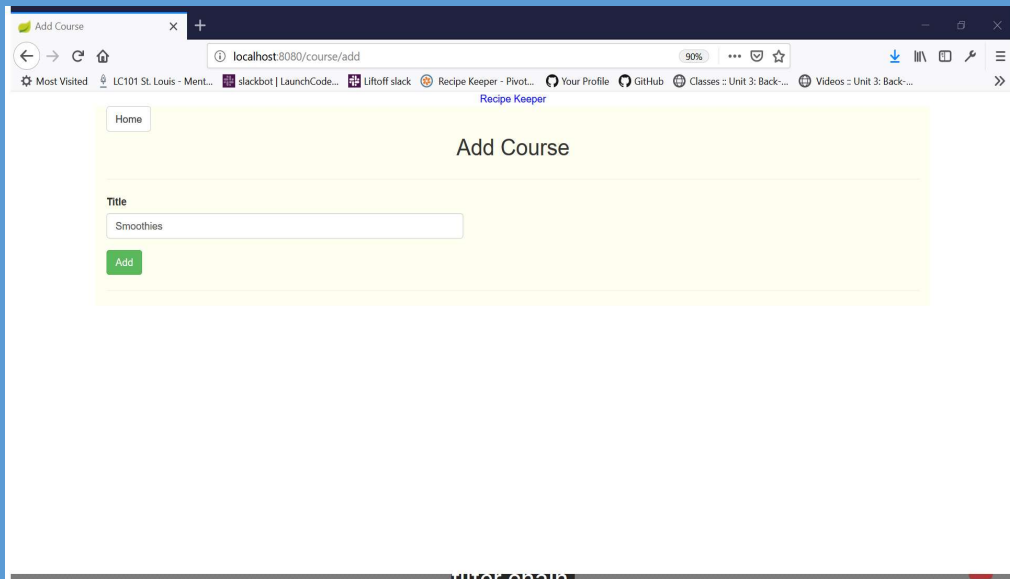
Home

Courses

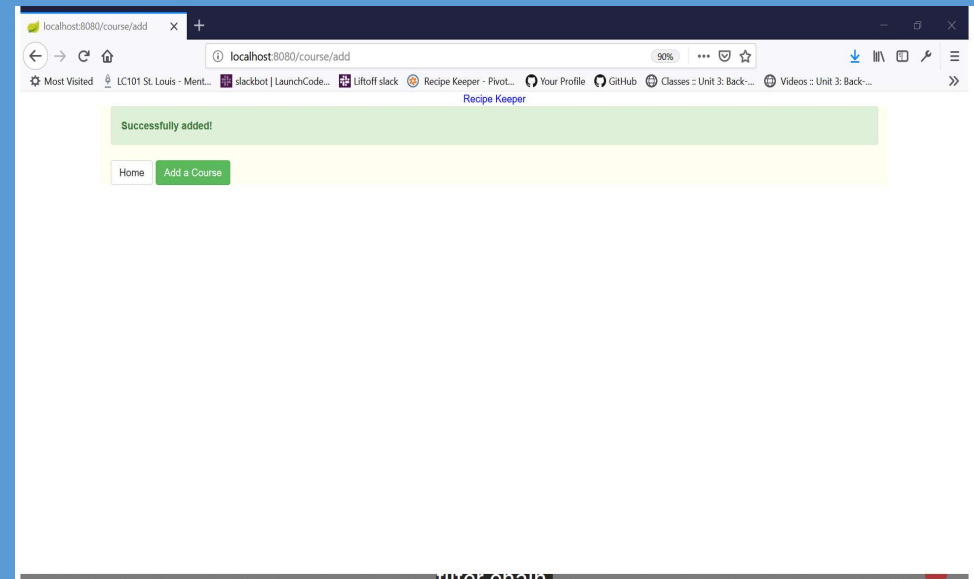
Add a Course

Name	Remove
BreakFast	Delete
Lunch/Meal	Delete
Dinner	Delete
Snacks	Delete
Desserts	Delete
Salad	Delete
Soups	Delete
Pastries	Delete

CREATE A COURSE

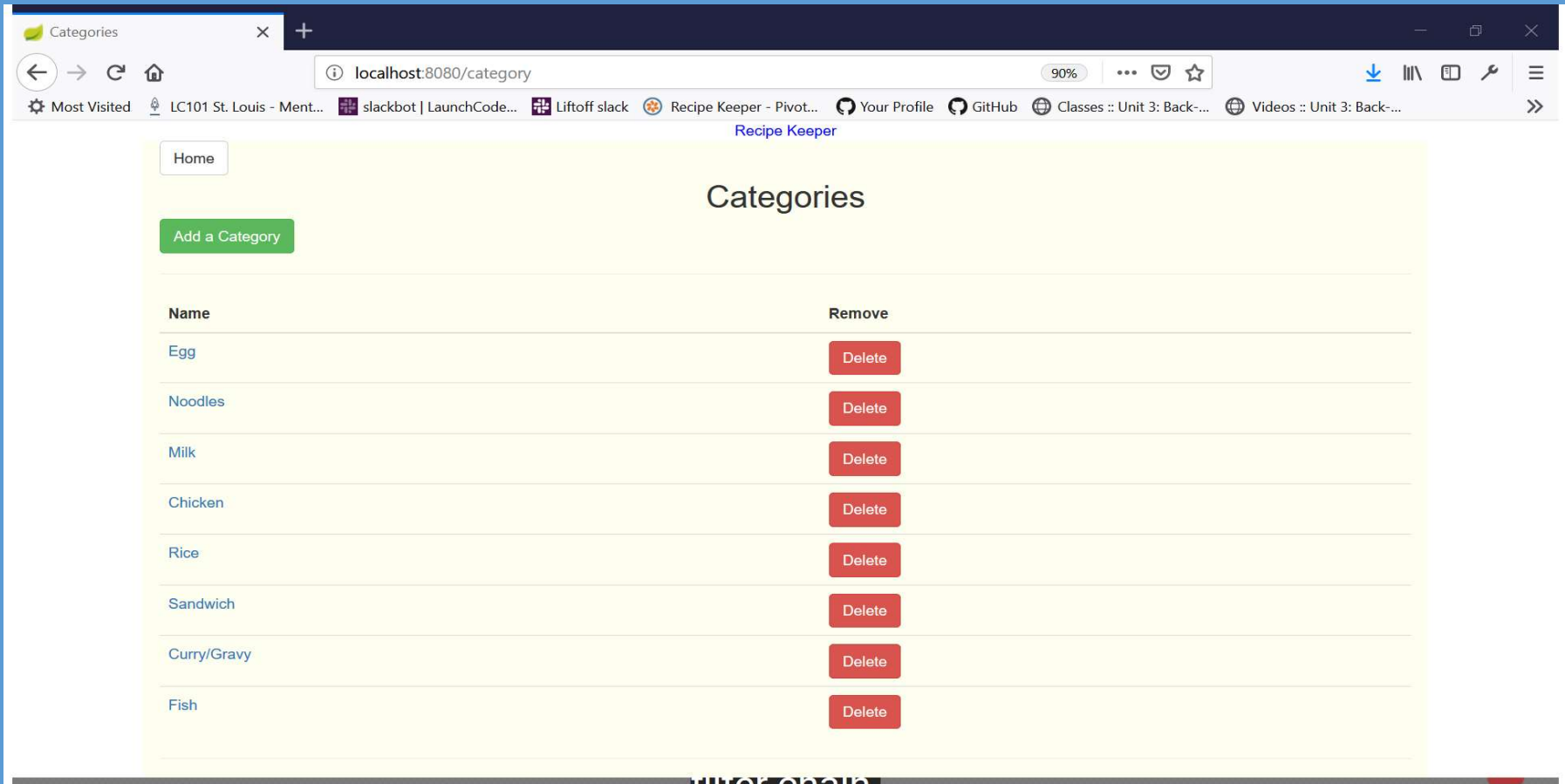


A screenshot of a web browser window showing the 'Add Course' form. The browser's address bar displays 'localhost:8080/course/add'. The page has a yellow background and a 'Home' button in the top left. The main heading is 'Add Course'. Below it, there is a 'Title' label and a text input field containing the word 'Smoothies'. A green 'Add' button is positioned at the bottom left of the form area.



A screenshot of the same web browser window after the course has been successfully added. A green success message 'Successfully added!' is displayed at the top. The 'Add a Course' button, which was green in the previous state, is now greyed out. The 'Home' button remains visible in the top left.

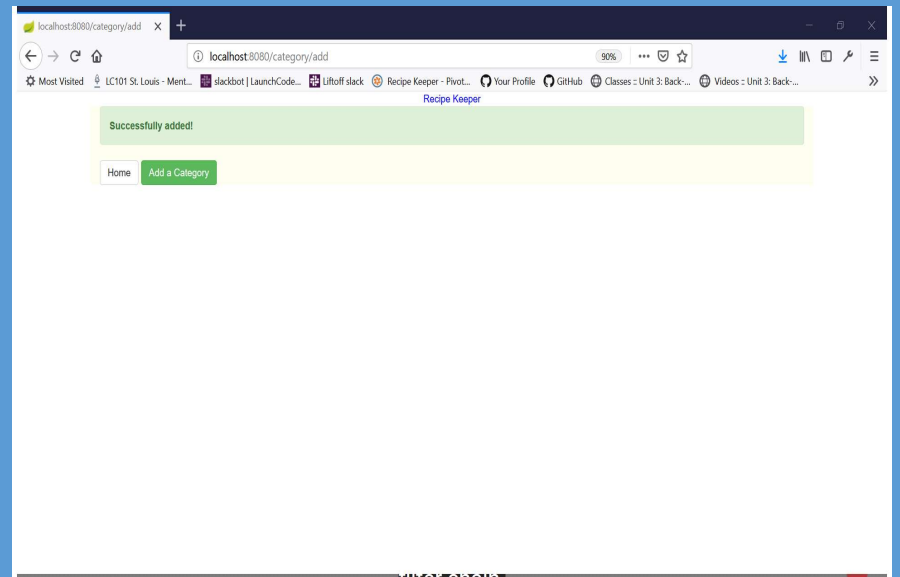
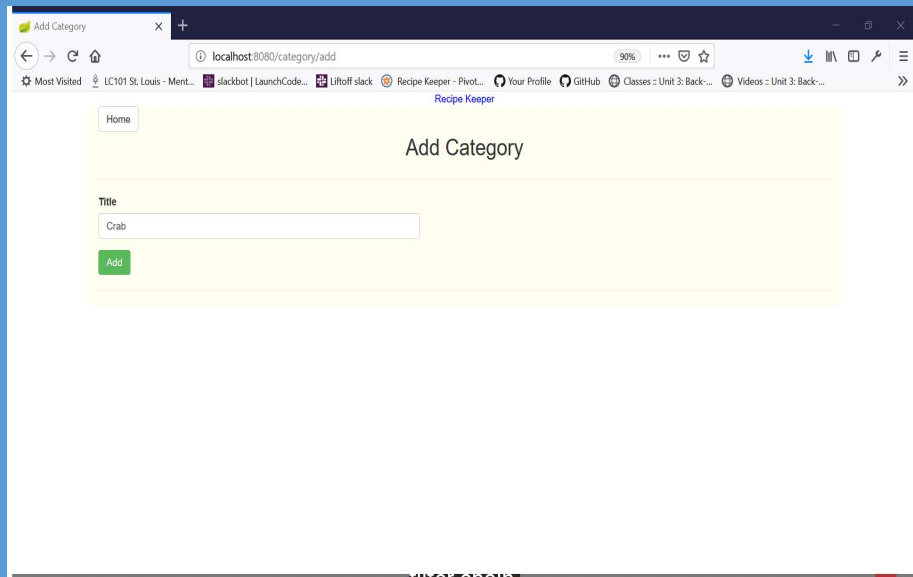
CATEGORIES LIST



The screenshot shows a web browser window with the address bar at `localhost:8080/category`. The page title is 'Categories'. There is a 'Home' button in the top left and an 'Add a Category' button in a green box. Below these is a table with two columns: 'Name' and 'Remove'.

Name	Remove
Egg	Delete
Noodles	Delete
Milk	Delete
Chicken	Delete
Rice	Delete
Sandwich	Delete
Curry/Gravy	Delete
Fish	Delete

ADD A CATEGORY



‘VIEW’ – TAKES TO RECIPE DETAILS PAGE

The screenshot shows a web browser window with a single tab titled 'Scrambled egg'. The address bar displays 'localhost:8080/recipe/single/1'. The browser's taskbar at the bottom includes icons for 'Most Visited', 'LC101 St. Louis - Ment...', 'slackbot | LaunchCode...', 'Liftoff slack', 'Recipe Keeper - Pivot...', 'Your Profile', 'GitHub', 'Classes :: Unit 3: Back...', and 'Videos :: Unit 3: Back...'. The recipe page itself has a title 'Scrambled egg' and two buttons: 'Edit ingredients' and 'Comment here'. Below these are several rows of recipe metadata:

Title	Scrambled egg
Course	BreakFast
Category	Egg
Serving Size	2
Prep Time	1 min
CookTime	4 mins
Direction	BEAT eggs, milk, salt and pepper in medium bowl until blended. HEAT butter in large nonstick skillet over medium heat until hot. POUR IN egg mixture. As eggs begin to set, GENTLY PULL the eggs across the pan with a spatula, forming large soft curds. CONTINUE cooking – pulling, lifting and folding eggs – until thickened and no visible liquid egg remains. Do not stir constantly. REMOVE from heat. SERVE immediately.

Below the metadata is an ingredients table:

Ingredient	Quantity
Egg	4 no.s
Milk	1/4 cup
Butter	2 tsp
Salt	as desired

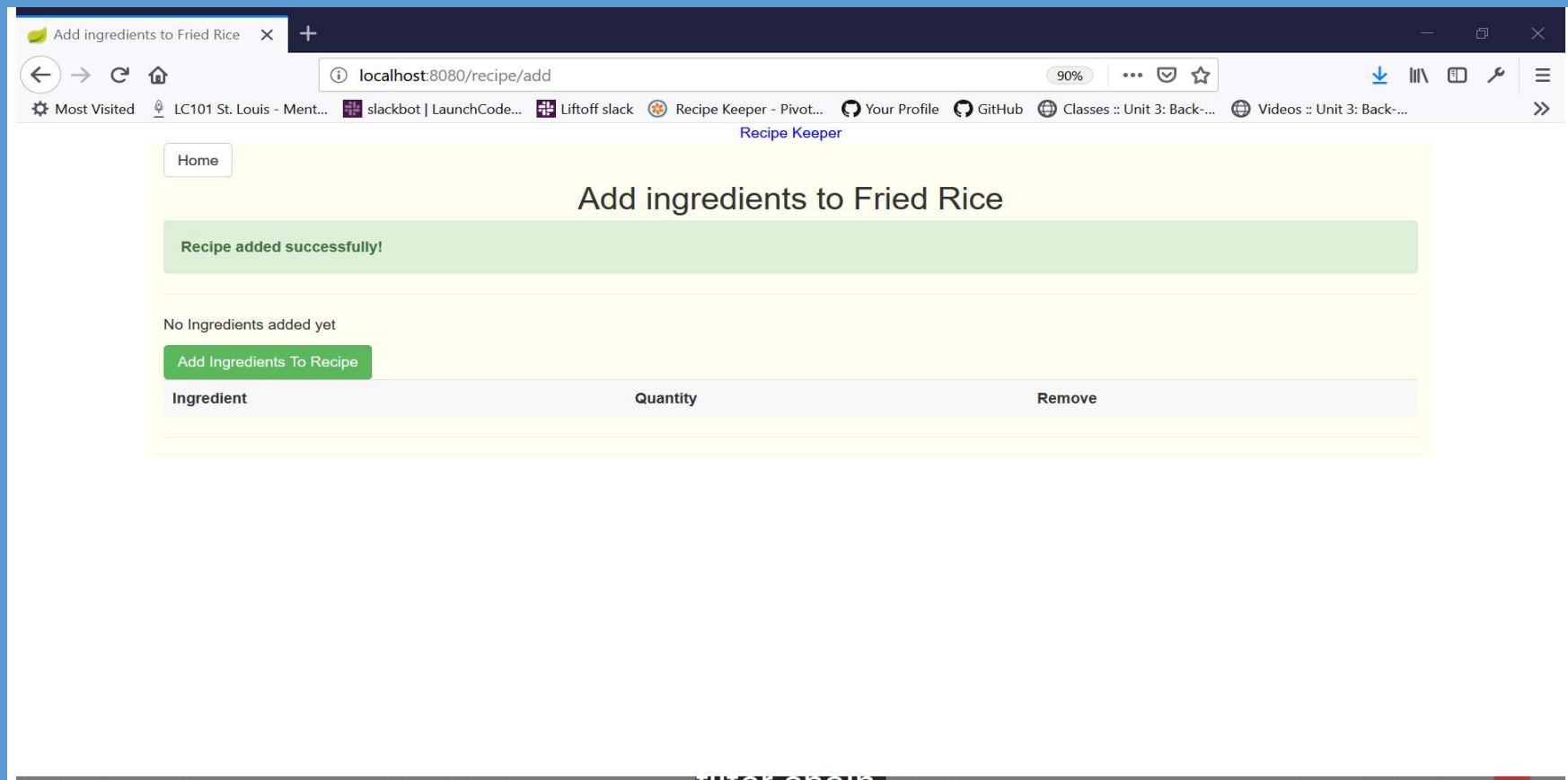
'ADD RECIPE' - TAKES TO CREATE A RECIPE PAGE

The screenshot shows a web browser window with the address bar at `localhost:8080/recipe/add`. The page title is "Add a recipe". The form contains the following fields:

- Title**: A text input field containing "Fried Rice".
- Course**: A dropdown menu with "Dinner" selected.
- Category**: A dropdown menu with "Rice" selected.
- Serving Size**: A text input field containing "2".
- Prep Time**: A text input field containing "15 mins".
- Cook Time**: A text input field containing "30 mins".
- Direction**: A text area containing the text: "In a saucepan, combine rice and water. Bring to a boil. Reduce heat, cover, and simmer for 20 minutes. In a small saucepan, boil carrots in water about 3 to 5 minutes. Drop peas into boiling water, and drain. Heat wok over high heat. Pour in oil, then stir in carrots and peas; cook about 30 seconds. Crack in eggs, stirring".

At the bottom left of the form is a blue button labeled "Create".

LIST / ADD INGREDIENTS



ADD INGREDIENTS TO RECIPE

Add ingredients to the Recipe

Create an Ingredient

Recipe

Fried Rice

Ingredient

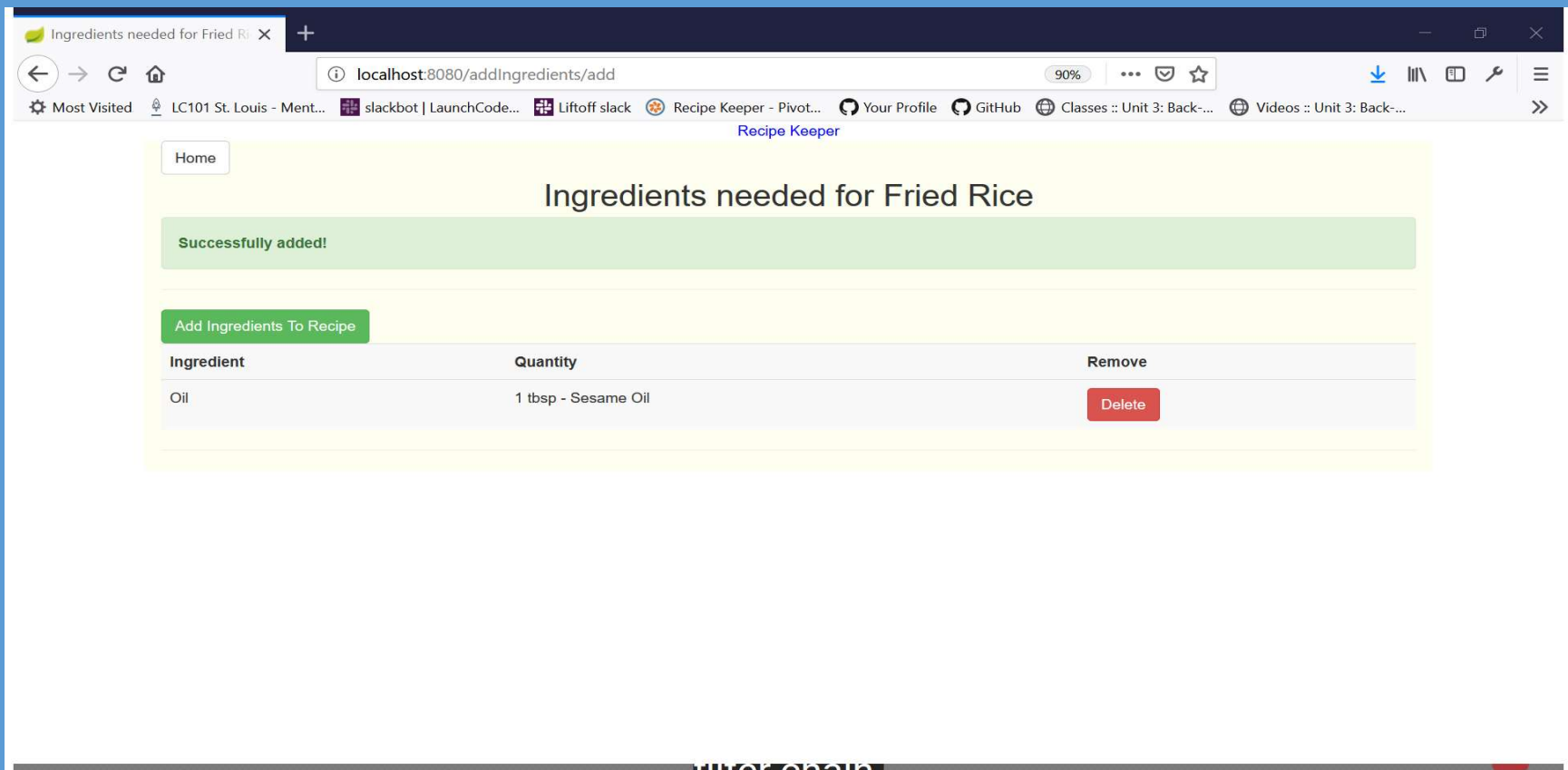
Oil

Quantity

1 tbsp - Sesame Oil

Add

AFTER ADDING AN INGREDIENT TO RECIPE



The screenshot shows a web browser window with the address bar displaying `localhost:8080/addIngredients/add`. The page title is "Ingredients needed for Fried Rice". A green notification bar at the top says "Successfully added!". Below this, there is a green button labeled "Add Ingredients To Recipe". A table lists the ingredients:

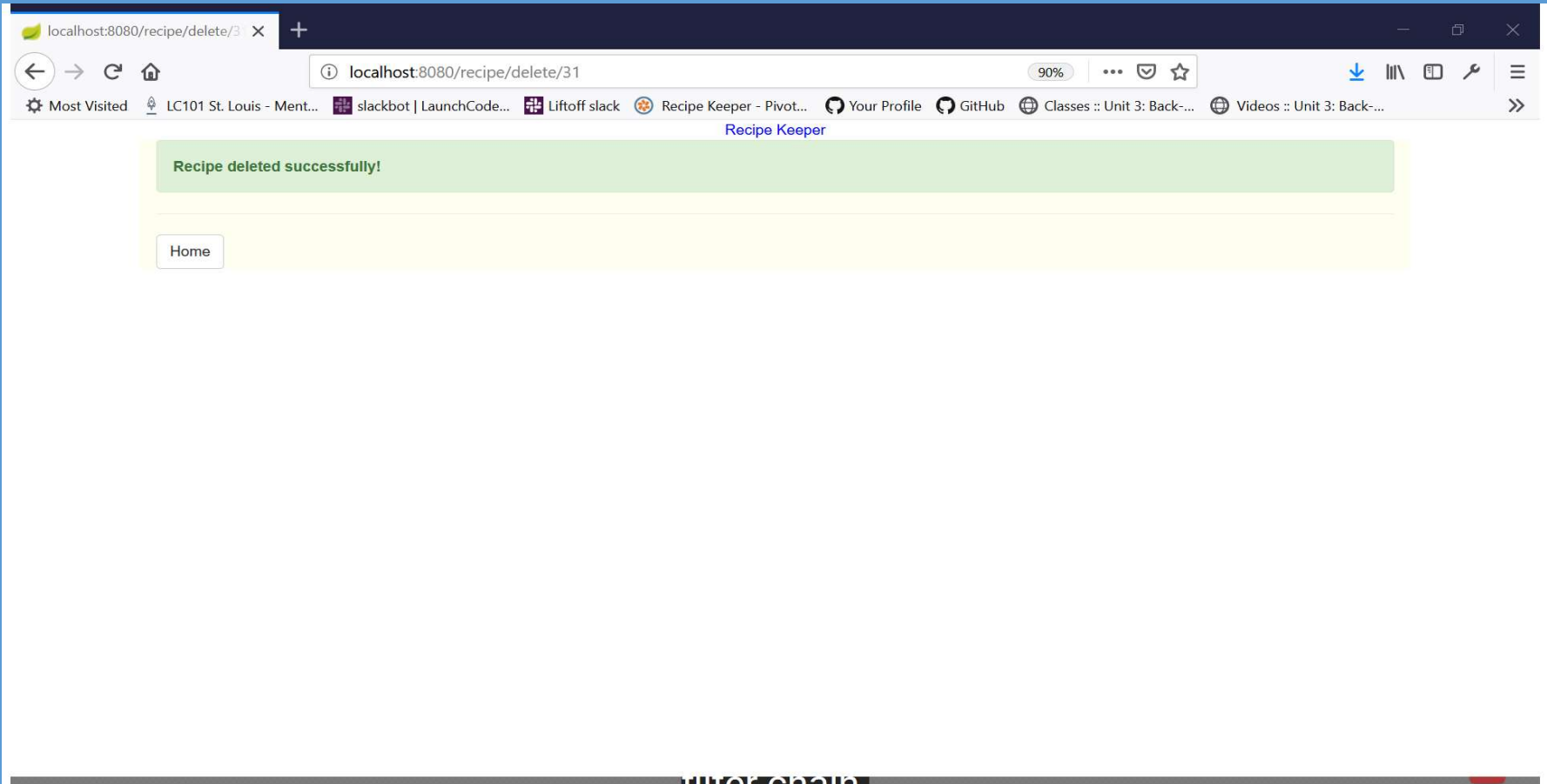
Ingredient	Quantity	Remove
Oil	1 tbsp - Sesame Oil	Delete

'DELETE' - DELETE A RECIPE

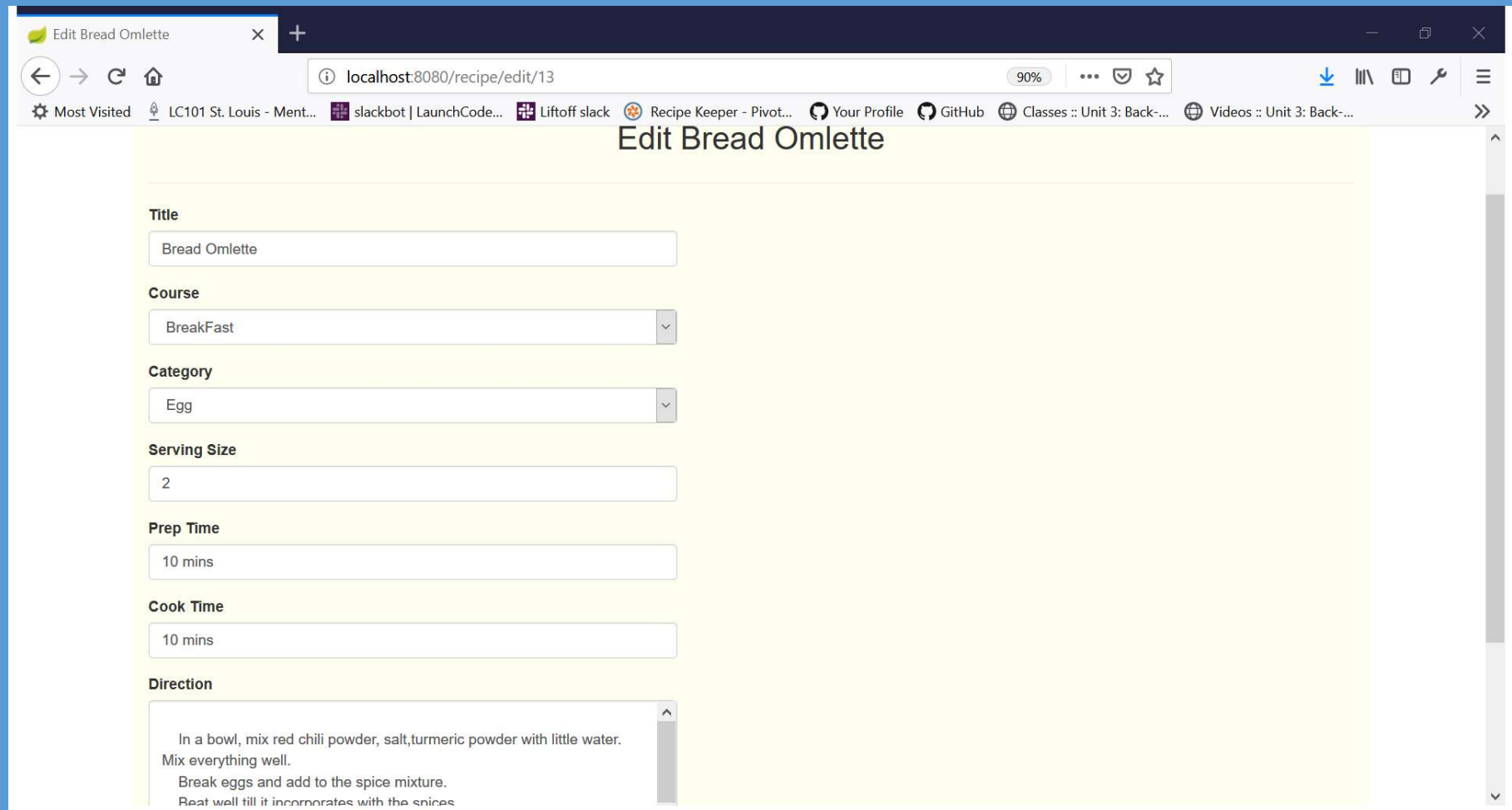
The screenshot shows a web browser window with the address bar at `localhost:8080/recipe`. The page title is "Recipes". At the top left, there are two buttons: "Add Recipe" (green) and "Comment here" (blue). Below these is a table with the following columns: "Name", "Modify", "Detail", and "View Ratings/comments". The table contains eight rows of recipes: "Scrambled egg", "Chow Mein", "Kuruma", "Chicken Soup", "Bread Omlette", "Chicken curry", "Fish curry", and "Fried Rice". Each row has an "Edit" button in the "Modify" column, a "View" button in the "Detail" column, and a "Delete" button in the "View Ratings/comments" column. A confirmation dialog box is open in the center of the screen, asking "Are you sure?" with "OK" and "Cancel" buttons. The URL bar at the bottom shows `localhost:8080/recipe/delete/31`.

Name	Modify	Detail	View Ratings/comments
Scrambled egg	Edit	View	View Ratings
Chow Mein	Edit	View	View Ratings
Kuruma	Edit	View	Delete View Ratings
Chicken Soup	Edit	View	Delete View Ratings
Bread Omlette	Edit	View	Delete View Ratings
Chicken curry	Edit	View	Delete View Ratings
Fish curry	Edit	View	Delete View Ratings
Fried Rice	Edit	View	Delete View Ratings

CONFIRMATION OF DELETION



'EDIT' - TAKES TO EDIT A RECIPE PAGE



Edit Bread Omlette

Title

Bread Omlette

Course

BreakFast

Category

Egg

Serving Size

2

Prep Time

10 mins

Cook Time

10 mins

Direction

In a bowl, mix red chili powder, salt,turmeric powder with little water.
Mix everything well.
Break eggs and add to the spice mixture.
Beat well till it incorporates with the spices

AFTER EDITION

Ingredients needed for Scrambled egg

localhost:8080/recipe/edit/1

90%

Most Visited

LC101 St. Louis - Ment...

slackbot | LaunchCode...

Liftoff slack

Recipe Keeper - Pivot...

Your Profile

GitHub

Classes :: Unit 3: Back...

Videos :: Unit 3: Back...

Recipe Keeper

Home

Ingredients needed for Scrambled egg

Successfully edited!

Add Ingredients To Recipe

Ingredient	Quantity	Remove
Egg	4 no.s	Delete
Milk	1/4 cup	Delete
Butter	2 tsp	Delete
Salt	as desired	Delete
pepper	as desired	Delete
Oil	1 tbsp - Sesame Oil	Delete

'COMMENT HERE' TAKES TO RATE & COMMENT PAGE

Rate & Comment

Home

Recipe

Scrambled egg

Rating

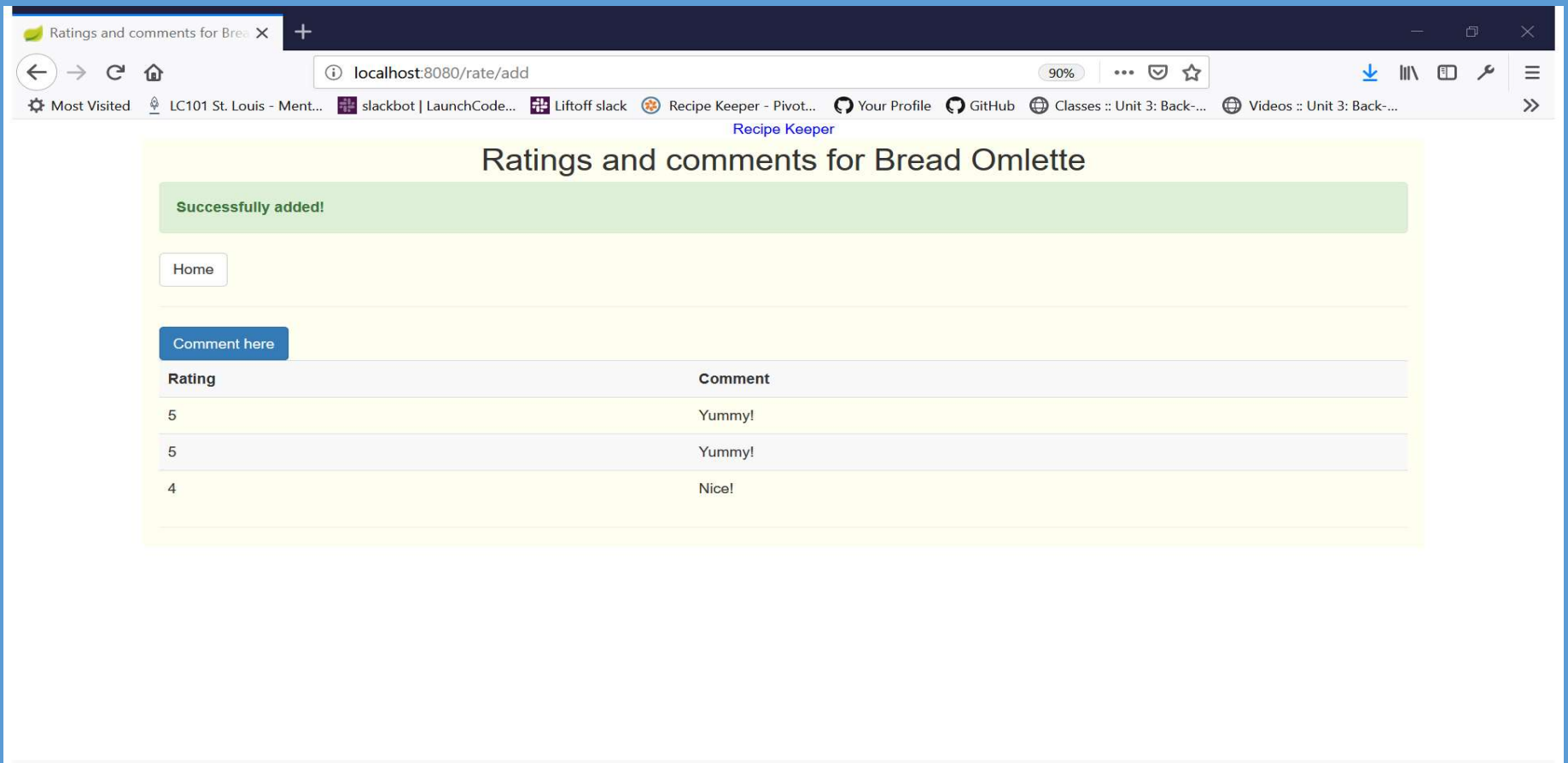
Excellent

Comment

Yum!!!

Create

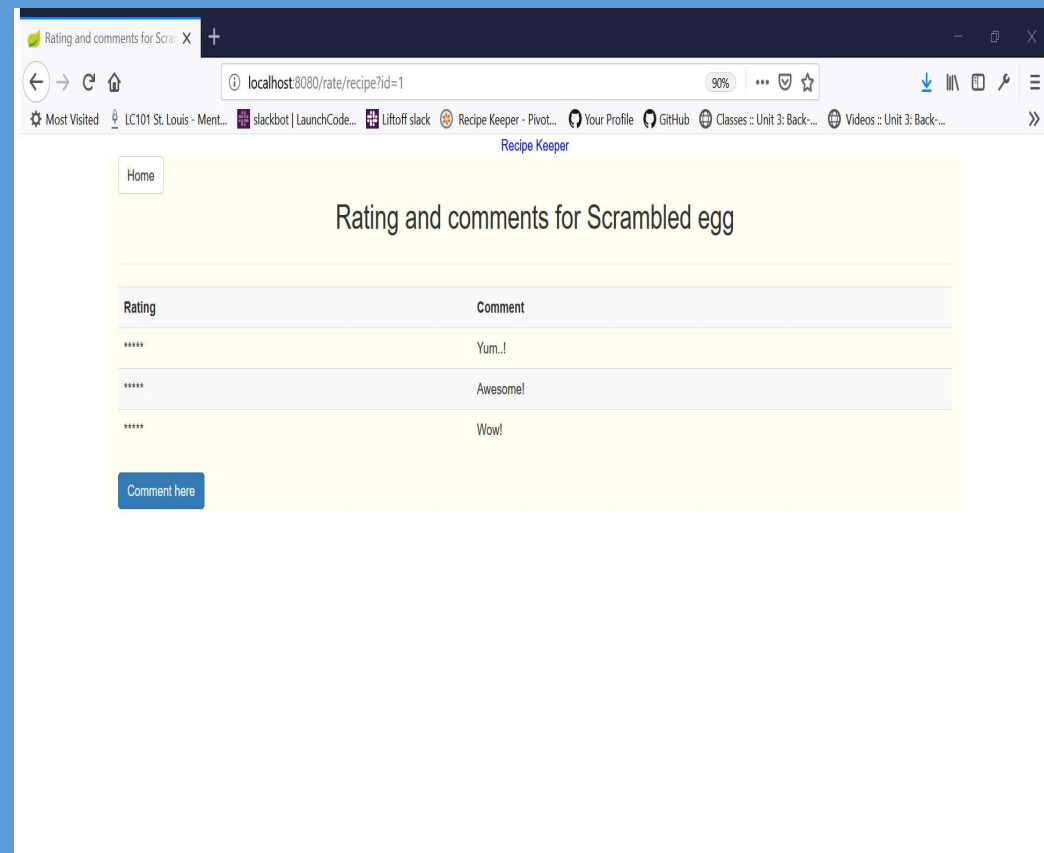
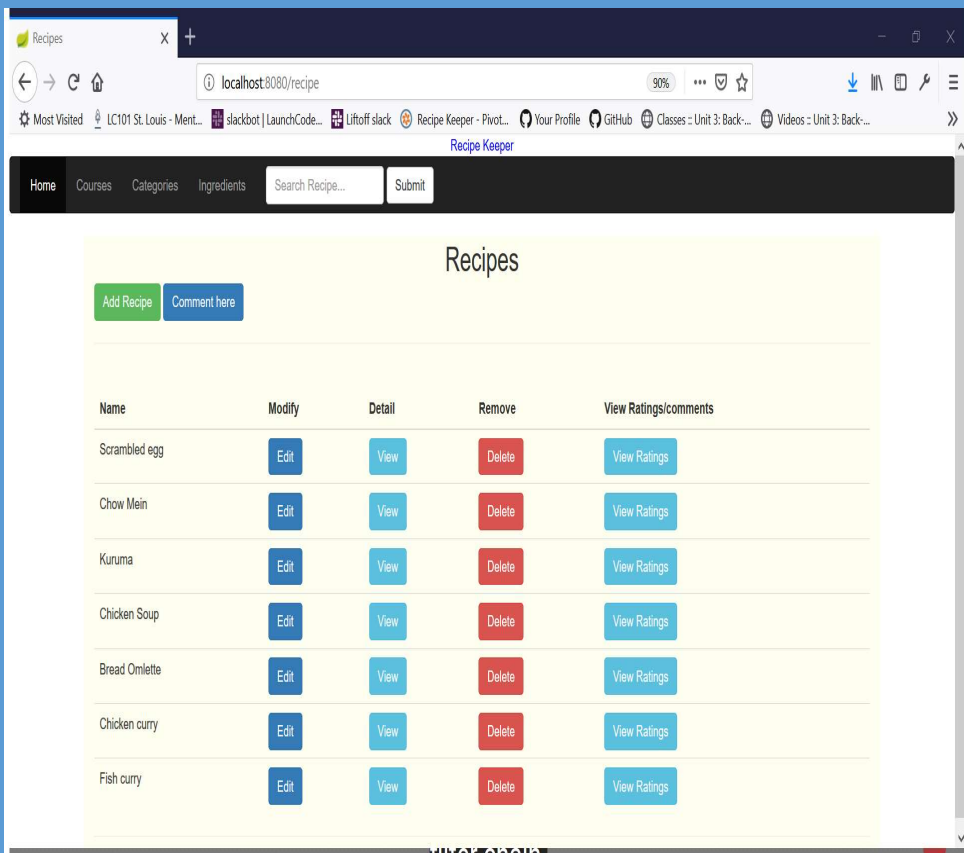
DISPLAYS THE RECIPE RATING & COMMENTS



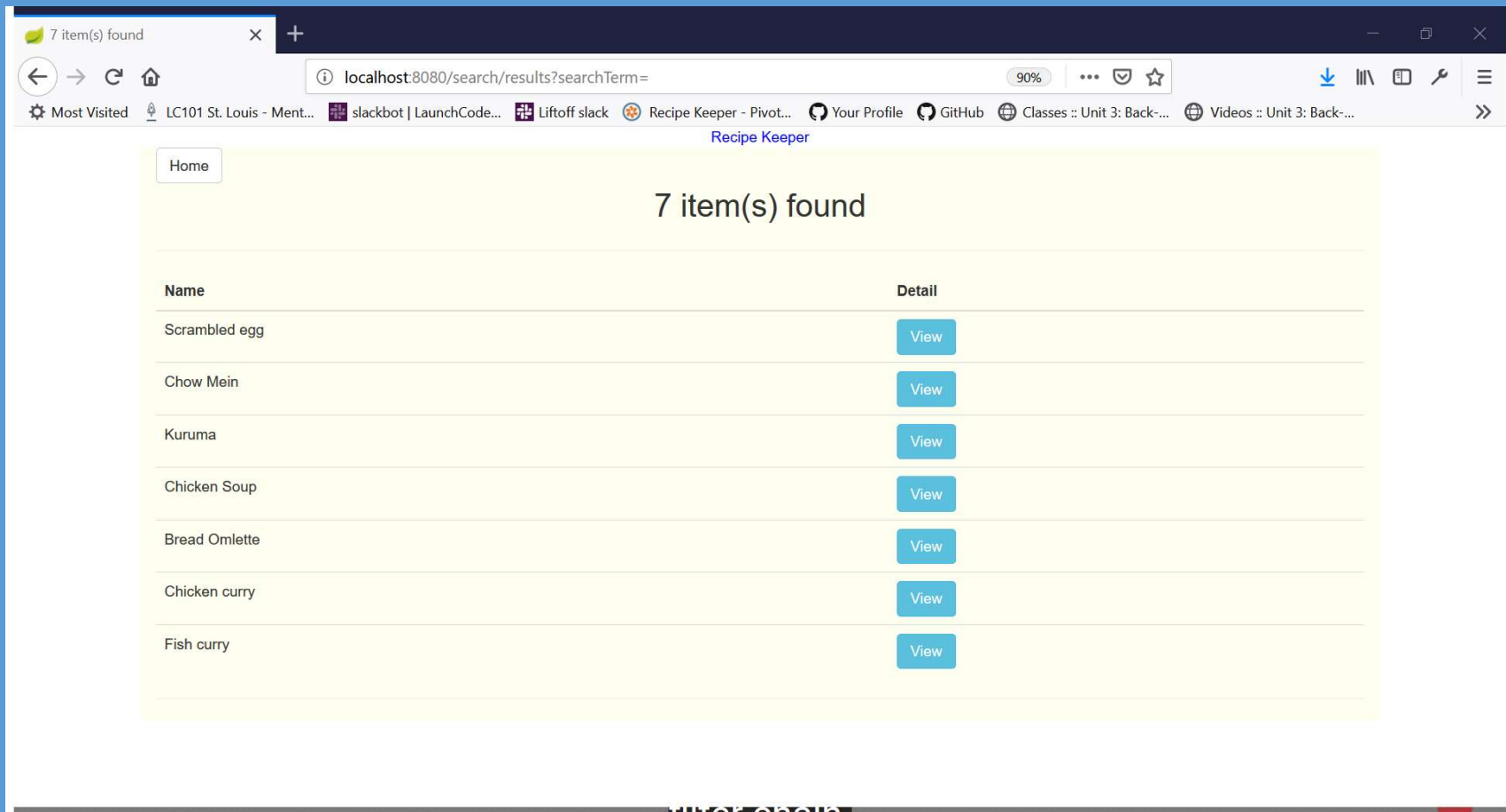
The screenshot shows a web browser window with the address bar at `localhost:8080/rate/add`. The page title is "Ratings and comments for Bread Omlette". A green success message "Successfully added!" is displayed. Below it is a "Home" button. A blue "Comment here" button is also present. A table with two columns, "Rating" and "Comment", shows three entries:

Rating	Comment
5	Yummy!
5	Yummy!
4	Nice!

'VIEW RATINGS' TAKES TO EACH RECIPE RATINGS PAGE



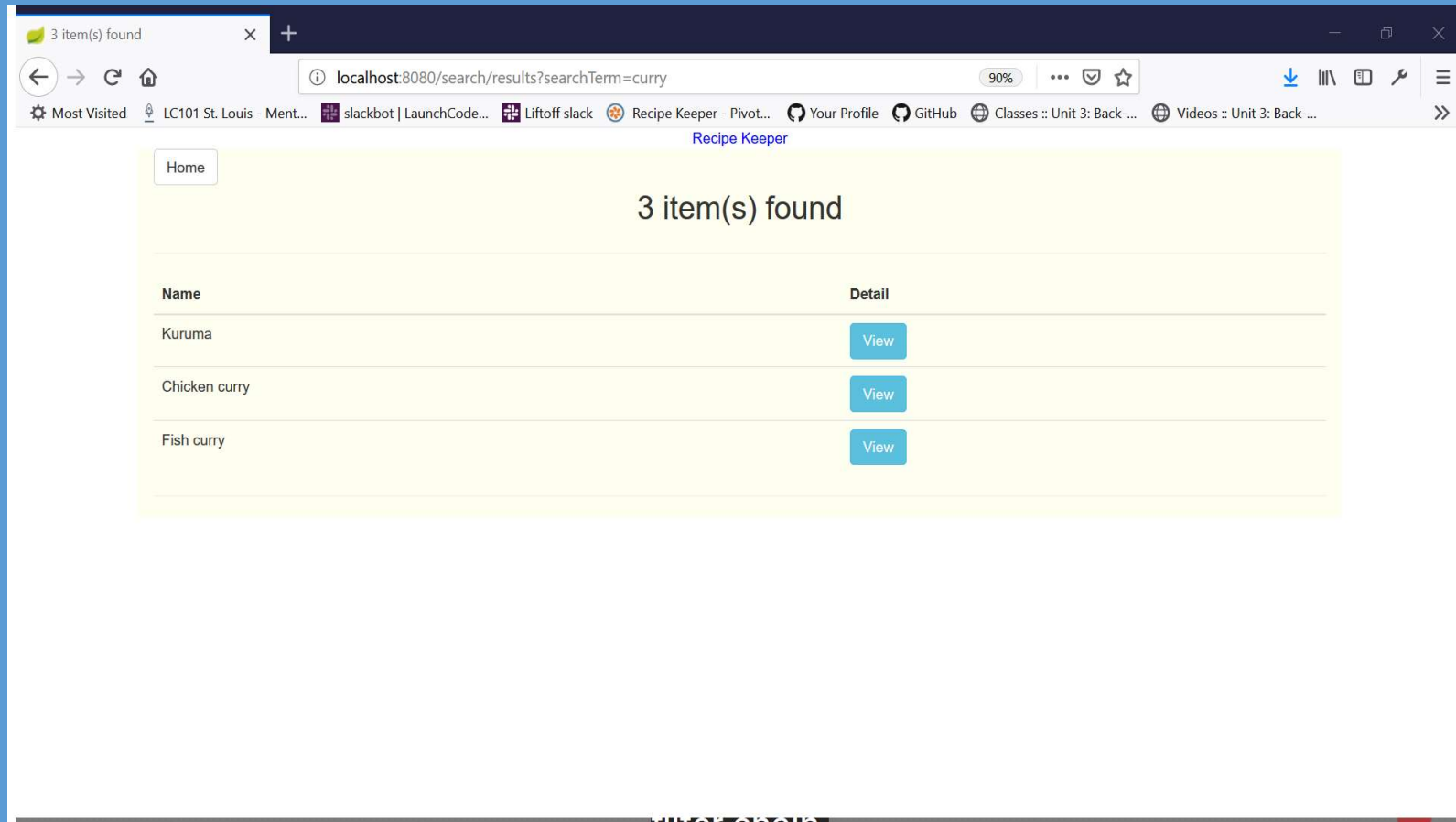
SEARCH RESULT – WITH NO SEARCH TERM



The screenshot shows a web browser window with the address bar displaying `localhost:8080/search/results?searchTerm=`. The page title is "7 item(s) found". Below the title, there is a "Home" button and a "Recipe Keeper" link. The main content area displays a table with 7 items found, each with a "View" button.

Name	Detail
Scrambled egg	View
Chow Mein	View
Kuruma	View
Chicken Soup	View
Bread Omlette	View
Chicken curry	View
Fish curry	View

SEARCH RESULT – WITH SEARCH TERM



WHAT I LEARNED

- Bootstrap
- ORM (One to many, Many to one)

WHAT'S NEXT

- User login/ registration functionality
- Share a recipe to social media sites
- Pagination

THANK YOU