

# RecipeQuest

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# Description

As the person responsible for “What’s for dinner?”, I get tired of the same go to recipes and just want something different to eat.

RecipeQuest is a simple, straight forward web application to search a database of recipes from around the world.



# Features

- Builds a search page containing a list of categories and a list of countrys of origin that can be selected to search for recipes. Allow the user to enter a search ingredient when searching all available recipes.
- The result page for any search will display a list of recipes by showing its picture and recipe name. Select a picture to view the recipe.
- A logged in user may save recipes for future use. Search and delete functions are also available.



# Planning - User Stories

- Anyone can use this site to quickly search for new and interesting recipes by category, country of origin or by ingredient.
- Logged in users can search and maintain a collection of recipes they have selectively saved.



# Planning - Database

MySQL database tables:

- Microsoft.AspNetCore.Identity tables- used to register, login and logout users. Also used to restrict access to My Favorites and add the userId to saved recipes.
- Recipes table- contains recipe details, category, country of origin, and userId.



# Technology Stack

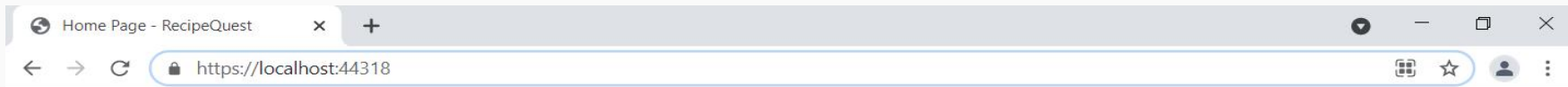
- Language: C#
- Frameworks: Asp.Net Core MVC, Entity Framework Core
- Visual Studio 2019
- MySql database
- BootStrap



# Demo



# Home Page



[Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

## Your quest begins



Banana Pancakes

with recipes from  
around the world

**Let's get started**

[Search For Recipes](#)



Carrot Cake





# All Recipes Search Page



[Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

Search All Recipes By:

Ingredient

Search

Category

Beef	Breakfast	Chicken	Dessert	Goat	Lamb	Miscellaneous	Pasta	Pork	Seafood
Side	Starter	Vegan	Vegetarian						

Country of Origin

American	British	Canadian	Chinese	Dutch	Egyptian	French	Greek	Indian
Irish	Italian	Jamaican	Japanese	Kenyan	Malaysian	Mexican	Moroccan	Polish




# Search Results Page

- RecipeQuest


localhost:44318/MealByCategory/Index/Vegan

☆


Search For Recipes Search My Favorites Register Login

All Recipes:


Results for Category: Vegan



Roast fennel and aubergine paella




Vegan Chocolate Cake




Vegan Lasagna

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# Recipe Display Page



[Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

Ingredients for Vegan Chocolate Cake:

1 1/4 cup self raising flour	1/2 cup coco sugar	1/3 cup raw cacao	1 tsp baking powder
2 flax eggs	1/2 cup almond milk	1 tsp vanilla	1/2 cup boiling water

Instructions:

Simply mix all dry ingredients with wet ingredients and blend altogether. Bake for 45 min on 180 degrees. Decorate with some melted vegan chocolate

Login to Save Recipe




# Login Page

Log in - RecipeQuest

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← → ↺ 🔒 localhost:44318/Identity/Account/Login ☆ 👤 ⋮

 [Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

## Log in

### Use a local account to log in.

Email

Password

☐ Remember me?


Log in

[Forgot your password?](#)

[Register as a new user](#)

### Use another service to log in.

There are no external authentication services configured. See [this article](#) for details on setting up this ASP.NET application to support logging in via external services.





[Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

## Search All Recipes By:

### Ingredient

Search

### Category

Beef	Breakfast	Chicken	Dessert	Goat	Lamb	Miscellaneous	Pasta	Pork	Seafood
Side	Starter	Vegan	Vegetarian						

### Country of Origin


American	British	Canadian	Chinese	Dutch	Egyptian	French	Greek	Indian	
Irish	Italian	Jamaican	Japanese	Kenyan	Malaysian	Mexican	Moroccan	Polish	



# Search Results Page


RecipeQuest


localhost:44318/MealByCategory/Index/Vegan


 [Search For Recipes](#) [Search My Favorites](#) [Register](#) [Login](#)

All Recipes:


Results for Category: Vegan

  
Roast fennel and aubergine paella

  
Vegan Chocolate Cake

  
Vegan Lasagna


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# Logged In Recipe Page

RecipeQuest

localhost:44318/Recipe/Index/Cat%7CVegan%7C52794

 [Search For Recipes](#) [Search My Favorites](#) [Hello test@test.com!](#) [Logout](#)


### Ingredients for Vegan Chocolate Cake:

1 1/4 cup self raising flour	1/2 cup coco sugar	1/3 cup raw cacao	1 tsp baking powder
2 flax eggs	1/2 cup almond milk	1 tsp vanilla	1/2 cup boiling water

### Instructions:

Simply mix all dry ingredients with wet ingredients and blend altogether. Bake for 45 min on 180 degrees. Decorate with some melted vegan chocolate


[Save to Favorites](#)



# My Favorites- Recipe Saved

- RecipeQuest


localhost:44318/Recipe/SendView/Cat%7CVegan%7C52794

 [Search For Recipes](#) [Search My Favorites](#) [Hello test@test.com!](#) [Logout](#)

Recipe for Vegan Chocolate Cake has been saved

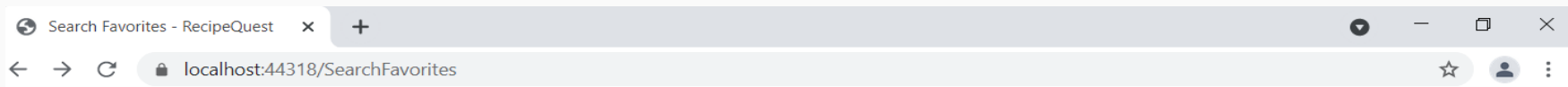
[Back to Results List](#)

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# My Favorites Search Page



[Search For Recipes](#) [Search My Favorites](#) Hello test@test.com! [Logout](#)

## Search My Favorites By:

### Category

Vegan

### Country Of Origin

American



# My Favorites Results Page


- RecipeQuest

localhost:44318/SearchFavorites/SearchCategory/Vegan

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 Search For Recipes Search My Favorites Hello test@test.com! Logout


My Favorites:

Results for Category: Vegan



Vegan Chocolate Cake

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# My Favorites Recipe Page

- RecipeQuest

localhost:44318/SearchFavorites/SelectedCategoryMeal/52794

☆

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### Ingredients for Vegan Chocolate Cake:

1 1/4 cup self raising flou	1/2 cup coco sugar	1/3 cup raw cacao	1 tsp baking powder
2 flax eggs	1/2 cup almond milk	1 tsp vanilla	1/2 cup boiling water

### Instructions:

Simply mix all dry ingredients with wet ingredients and blend altogether. Bake for 45 min on 180 degrees. Decorate with some melted vegan chocolate


[Delete Recipe](#)



# My Favorites- Recipe Deleted

- RecipeQuest


localhost:44318/SearchFavorites/SendView/RecipeQuest.ViewModels.SearchFavoritesViewModel

 [Search For Recipes](#) [Search My Favorites](#) [Hello test@test.com!](#) [Logout](#)

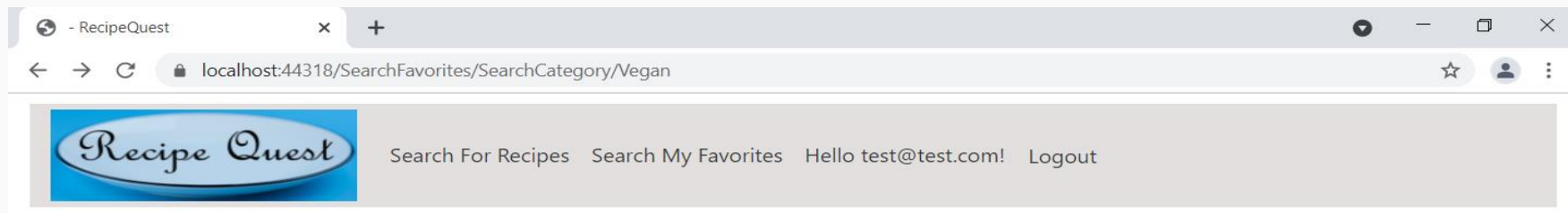
Recipe for Vegan Chocolate Cake has been deleted

[Back to Results List](#)

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# My Favorites Search Results



My Favorites:

Results for Category: Vegan



# What I Learned

- How to process JSON data.
- Bootstrap features.
- How to create a pop up window using JavaScript(It caused problems when paging backwards, so I took it out)
- How to tell if a user was logged in and access their user Id.
- Using the browser's forward and backward arrows without getting errors.
- Keeping track of where I started so I could return to that page.



# What's Next

- Create a user table and join the user Id with their saved recipe Ids in a many-to-one join table. This would make the process of collecting all recipes for a user more efficient.
- Allow logged in users to enter and save their own recipes. This would create a backup for their personal recipes and include them when searching.
- Add the ingredient search to the My Favorites Search Page. This is just a nice feature to have if you have leftovers from another recipe. You have to buy a whole stalk of celery, but most recipes only use 2-3 ribs.

