

Digital Cookbook: Preliminary Planning

Brief

Create a web application that allows users to store and easily access cooking recipes.

User Story

User Point of View

“As a user I want to be able to easily search for recipes, give my feedback and add my own recipes for others to try”

User Information

Who is using the app?

A person searching for recipes.

What is it they want?

To find new recipes and add their own recipes.

Why do they want it?

So they can try the new recipes, give feedback and have others try their added recipes and give feedback.

Main Project Functionality Outline

Add Recipe Functionality

Page

Add Recipe Page

Description

Create the backend code and frontend form to allow users to add new recipes to the site.

Filter Recipe Functionality

Page

Home Page, Search Page, My Recipes Page

Description

Create the backend code to group and summarise the recipes on the site, based on their attributes and a frontend page to show this summary, and make the categories clickable to drill down into a filtered view based on that category. (E.g. If user clicks country all recipes from a certain country are grouped and in alphabetical order)

Search Recipe Functionality

Page

Search field is in navbar, search field goes to Search Page which displays results

Description

Create the backend code to retrieve a list of recipes, filtered based on various criteria and order them based on some reasonable aspect (e.g. number of views or upvotes). Create a frontend page to display these, and to show some summary statistics around the list (e.g. number of matching recipes, number of new recipes. Optionally, add support for pagination, when the number of results is large.

Idea Sketchpad

On the backend store the results in a variable, apply Filter Recipe Functionality to the results, by default filter results by upvotes, maximum of ten results per page, display total number of recipes return by the search at the top, display them in the same format as the main recipes page, offer some kind of menu where user can search by attribute?

Detailed Recipe Page Functionality

Page

Detailed Recipe Page

Description

Create a detailed view for each recipes, that would just show all attributes for that recipe, and the full preparation instructions.

Idea Sketchpad

Each recipe generates its own page via 'recipeID' e.g. when the user clicks a 'view button' it will append the 'recipeID' to the URL bar and fill in the data in a base.html template unique to the recipe, use the same page outline as the Add Recipe Page just with un-editable fields.

Edit/Delete Recipe Page Functionality

Page

Detailed Recipe Page or Edit Recipe Page

Description

Allow for editing and deleting of the recipe records, either on separate pages, or built into the list/detail pages.

Idea Sketchpad

Maybe research how to make the Detailed Recipe Page Editable, add edit/delete buttons? If not add Edit Recipe Page which is an editable version of Detailed Recipe Page. Set the 'value' of the fields to be the same as the recipe?

Username Functionality (Optional)

Page

My Recipes Page

Description

Optionally, you may choose to add basic user registration and authentication to the site. This can as simple as adding a username field to the recipe creation form, without a password.

Idea Sketchpad

Clicking My Recipes Page prompts user to enter a username which is saved or user enters username when adding recipe and can filter/search by username

Site Map



