Team Grumio

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Grumio's List: Recipe-Sharing Web Application (Lifestyle/Social Media)

Functional Requirements:

The system shall allow users to create recipes.

The system shall allow users to tag recipes.

The system shall allow users to list ingredients.

The system shall allow users to search by recipe name.

The system shall allow users to filter recipes via ingredients

The system shall allow users to post recipes they've made

The system shall allow users to bookmark recipes they like

The system shall allow users to search by cultures

The system shall allow users to create an account using a username and password

The system shall allow administrative users to delete recipes

The system shall allow users to upvote and downvote recipes

The system shall allow users to sort recipes based on the recipe's votes

The system shall allow users to recover their account information if forgotten.

The system shall allow users to follow recipe authors.

The system shall allow users to view substitutions for ingredients in a recipe.

The system shall allow users to comment on recipes.

The system shall allow users to rate recipes on a scale of 1-5 stars

The system shall allow users to share recipes via Social media.

Non-Functional Requirements:

The system shall successfully fetch recipe search results 95% of the time.

The system shall successfully add recipes to the database 99% of the time.

The system shall be capable of allowing logins within 5 seconds 90% of the time

The system shall return results via tags within 3 seconds, 95% of the time

The system shall be capable of working on the 5 most used browsers 90% of the time.

The system shall be capable of keeping the user's private information only accessible by the user 99% of the time.

The system shall be capable of updating a user's following list within 10 seconds, 95% of the time.

The system shall be capable of removing a deleted recipe from the database within 1 minute 99% of the time.

The System shall provide an intuitive user-interface with clear menu navigation 90% of the time

The system shall support multiple languages, providing language translation on UI elements and ingredients 95% of the time

The System shall be optimized for performance on mobile devices, with the pages and UI fully loading within 5 seconds 90% of the time

UI Documentation:

Recipe creation (VERY rough. Likely needs improvement (hopefully by somebody with more artistic ability)):

Recipe Name

Tags:

Ingredients

Cups ▼

➕

Directions

1.

➕

Search UI (Also very rough):

Search ❌

Name: [   ]

Ingredients: [   ]

Tags: [   ]

Search

Recipe Browser UI

Grumio's List

Search... 🔍   **Upload**   **Bookmarks**   **TestUser01**

Sort by: Popular

Beef Tacos
Recipe by Neonic
🔺 46
🔻 3
Tags: Ground_Beef, Gluten_Free

Cheese Burger
Recipe by BurgerMan45
🔺 40
🔻 5
Tags: Ground_Beef, Cheese, Vegetables

Noodles
Recipe by Peggie_Hill
🔺 38
🔻 2
Tags: Gluten_Free, Vegetables

Mama's Soup Soup
Recipe by mamabear0
🔺 38
🔻 7
Tags: High_Sodium

Garden Salad
Recipe by SaladChampion
🔺 35
🔻 1
Tags: Keto, Gluten_Free

Boiled Fish
Recipe by BoiledFishEnjoyer5667
🔺 3
🔻 17
Tags: Seafood, Savory

Recipe Viewer UI

Search...

Beef Tacos
Recipe by Neonic

▲ 46
▼ 3

Tags: Ground_Beef, Gluten_Free

Way back in the great war, my mother met this man who taught her his secret family recipe. In this recipe, I will be telling the great tale of how my mother survived multiple run ins from the government to get this recipe to America...   Read more

Recipe for Beef Tacos

Ingredients:

1. Item 1
2. Item 2
3. Item 3

Directions:

Cook Beef