Team 22

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Vision statement

- **For** people looking for a healthier, more involved lifestyle
- **who** need to use their ingredients,
- **the** Natural Ingredient System
- **is** an information system
- **that** will provide a wealth of cooking recipes to people that are looking to broaden their diet.
    - The system will aggregate cooking recipes from the world wide web.
    - This system will provide ingredient filtering of recipes to save world food waste.
- **Unlike** current Icelandic eating habits,
- **our product** we will simplify the decision making process and provide an easy opportunity for people to use the ingredients they already have.

1.4 Success metrics

- Measure site visitation and engagement and use that to springboard into bigger advertisement offers

2.2 Scope of initial release

- The service should have a reasonably sized bank of recipes that can be filtered by desired ingredients.

Use cases in brief format

- **Name:** UC5: Ingredient filtering
    - A user arrives at the website looking for a meal to cook for dinner. They add the ingredients they have at home. Recipes containing these ingredients are displayed to the user. The user finds a recipe they can cook with the ingredients at hand.
- **Name:** UC6: Rating sorting
    - A user, having gotten a list of recipes, wants to see which ones are popular. They choose the option to sort by rating to see which recipes have gotten the best ratings and pick a recipe that appeals to them.
- **Name:** UC7: Account creation
    - A user, who is new to the site, wants to be able to store recipes for future use. They see that there is an option to create an account. They do so and can then start marking which recipes they want to store.
- **Name:** UC8: Comment management
    - An administrator recognizes that a comment on a recipe page is spam or breaks terms of service. The administrator then take executive action.

Use case document: Fully dressed use case #1

- **Name**: UC1: Obtain recipes based on dietary restriction
- **Scope:** Dietary filtering
- **Level:** User goal
- **Primary actor:** User
- **Stakeholders and interests:**
    - **User:** Wants an easily visible display of recipes with fast service with minimal effort.
    - **Admin:** Wants the users interaction with the shown material to go well.
    - **Advertiser:** Wants their product to be visible in relevant areas in the results displayed to the user.
- **Preconditions:** The desired dietary restrictions must be selectable.
- **Success guarantee:**
    - The recipes are displayed.
    - A relevant non-offensive advertisement to the selection made by the user is shown.
    - Nothing that would violate the specified dietary restriction is displayed.
- **Main success scenario:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - A non-intrusive advertisement that the user might be interested in is shown.
    - The user is influenced by the advertisement.
- **Alternate scenarios:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - User finds a relevant recipe according to their interests.
- **Special requirements:**
    - Displaying the recipes takes no longer than 5 seconds.
- **Technology and data variations:**
    - Recipes identified by selected restrictions.
    - Dietary restrictions chosen with mouse or touchscreen.
- **Frequency of occurrence:**
    - Very frequent (could be nearly continuous.)
- **Open issues:** Ensure sufficient quantity of recipes and their properties in the database.

Use case document: Fully dressed use case #2

- **Name**: UC2: Rating recipes
- **Scope:** Rating system
- **Level:** User goal
- **Primary actor:** User
- **Stakeholders and interests:**
    - **User:** Wants to improve visibility of their favorite recipes.
    - **Admin:** Wants the rating to be successfully stored and the average rating to be correctly calculated.
- **Preconditions:** Recipe is found and user is able to give a grade.
- **Success guarantee:**
    - Rating is stored and the new mean rating is successfully displayed on the recipe.
- **Main success scenario:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - The user is able to quickly express their opinion of the recipe.
    - The rating is updated.
- **Alternate scenarios:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - The user is able to quickly express their opinion of the recipe.
    - The rating is not successfully updated.
- **Special requirements:**
    - Displaying the recipes takes no longer than 5 seconds.
- **Technology and data variations:**
    - Rating selection on a 1 to 5 scale.
    - Rating chosen with mouse or touchscreen.
- **Frequency of occurrence:**
    - Moderately frequent.
- **Open issues:** Ensure sufficient quantity of recipes and their properties in the database.

Use case document: Fully dressed use case #3

- **Name**: UC3: User interaction
- **Scope:** Comment system
- **Level:** User goal
- **Primary actor:** User
- **Stakeholders and interests:**
  - **Author:** Wants to express opinions or alternatives in a detailed way.
  - **Reader:** Wants to be able to see how others used the recipe as well as their opinion of it.
  - **Admin:** Wants the comments to be civil.
- **Preconditions:** Recipe is found and user has the ability to write a comment.
- **Success guarantee:**
  - Comment is stored and displayed on the recipe page.
- **Main success scenario:**
  - User goes to the website.
  - Website is displayed in a user friendly manner.
  - User logs in to the website.
  - User selects their dietary choices through a drop-down menu.
  - User requests that recipes be displayed.
  - Recipes are quickly presented to the user.
  - The user is able to write about how they interacted with the recipe.
  - The comment is successfully stored and displayed on the recipe page.
- **Alternate scenarios:**
  - User goes to the website.
  - Website is displayed in a user friendly manner.
  - User logs in to the website.
  - User selects their dietary choices through a drop-down menu.
  - User requests that recipes be displayed.
  - Recipes are quickly presented to the user.
  - The user is able to write a comment on the recipe page.
  - The comment is spam and is not stored or shown.
- **Special requirements:**
  - Displaying the recipes takes no longer than 5 seconds.
- **Technology and data variations:**
  - Comment information entered, with a keyboard, by registered users.
- **Frequency of occurrence:**
  - Not very frequent.
- **Open issues:** Ensure sufficient quantity of recipes and their properties in the database.

Use case document: Fully dressed use case #4

- **Name**: UC4: User storage of favorite recipes
- **Scope:** Account storage
- **Level:** User goal
- **Primary actor:** User
- **Stakeholders and interests:**
    - **User:** Wants easy access to their favorite recipes.
    - **Admin:** Wants users to be able to store their favorite recipes.
- **Preconditions:** Recipe is found and user has the ability to store it.
- **Success guarantee:**
    - Recipe is stored and displayed on the users personal page.
- **Main success scenario:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User logs in to the website.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - The user is able to choose to store the recipe.
    - The recipe is now available on the users personal page.
- **Alternate scenarios:**
    - User goes to the website.
    - Website is displayed in a user friendly manner.
    - User selects their dietary choices through a drop-down menu.
    - User requests that recipes be displayed.
    - Recipes are quickly presented to the user.
    - The user is not logged in so the option to store is not available.
- **Special requirements:**
    - Displaying the recipes takes no longer than 5 seconds.
- **Technology and data variations:**
    - Recipe can be flagged for storage with mouse or touchscreen.
- **Frequency of occurrence:**
    - Not very frequent.
- **Open issues:** Ensure sufficient quantity of recipes and their properties in the database.