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Project Concept: Our goal is to create a website that search/recommends recipes based on the user's preference and ingredients available.

Use Case Title: Search for a Recipe

Primary Actor: User

Stakeholders and Interests: User would like to find a recipe they want to cook

Preconditions: N/A

Main Success Scenario:
1. User navigates to the search bar
2. User types in the keywords of a recipe
3. User get a list of potential recipes through keywords;
   if displaying nothing, return to step 2
4. User chooses one of the recipes from the displayed list
5. User gets a detailed view of the chosen recipe

Extensions:
2a. If the user leaves the search bar fields blank, then show blank.
2b. If the user types in unidentified keywords, then show blank.

Minimal Guarantees: N/A

Success Guarantees: Users able to get all recipes

Use case references by which you reference another use case by underlining the given task: N/A

Use Case Title: User Creates a Login Account

Primary Actor: User

Stakeholders and Interests: User would like to upload their favorite recipes

Preconditions: N/A

Main Success Scenario:
1. User navigates to "create account" button
2. Fill in the personal account information
   a. Username (required)
   b. Date of Birth
   c. Password (required)
   d. Confirmed password (required)
   e. Email address (required)
   f. Allergies
   g. Dietary preferences
3. User automatically logs into the new account

Extensions:
2a. If User leaves a required blank or empty, then shows errors
2b. If the username has already existed, then shows errors
2c. If the confirmed password does not match the password, then shows errors

Minimal Guarantees: N/A

Success Guarantees: Users own a new account

Use case references by which you reference another use case by underlining the given task:
N/A

Use Case Title: User Uploads a New Recipe

Primary Actor: User

Stakeholders and Interests: User uploads a new recipe to the database. Everyone can search and see the new recipe

Preconditions: User must be authenticated and logged in

Main Success Scenario:
1. User clicks "upload a new recipe" button
2. User enters the new recipe name (required)
3. User enters all the necessary ingredients (required)
4. User enters all steps of recipes (required)
5. User uploads an image of the recipe
6. User uploads the new recipe to the database successfully.

Extensions:
2a. If the user leaves a blank, then shows errors
3a. If the user leaves a blank, then shows errors
4a. If the user leaves a blank, then shows errors

Minimal Guarantees: User uploads the recipe to the database

Success Guarantees: User's recipe is valid after verified. Everyone can see the new recipe

Use case references by which you reference another use case by underlining the given task
Staff <u>verifies that new recipe is valid</u>

Use Case Title: User Creates a Daily Menu

Primary Actor: User

Stakeholders and Interests: User would like to plan out what they cook for meals on a daily basis

Preconditions: User must be authenticated and logged in

Main Success Scenario:
1. User navigates to today's menu
2. User select which meal (breakfast, lunch, dinner) to add
3. User search a recipe for that meal
4. User add recipes to that meal on the daily menu
5. User clicks save button to finish create a menu

Extensions:
3a. If the user couldn't get a recipe from add, user can choose to upload a new recipe

Minimal Guarantees: N/A

Success Guarantees: A new daily menu is created

Use case references by which you reference another use case by underlining the given task
The user search for a recipe
The user upload a new recipe (optional)