Create Own Recipe

Version <1.0>

Revision History

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Create Own Recipe

# Use-Case Name: Create Own Recipe

## Brief Description

This use case enables users to create and save their own custom recipes within the "Make Your Own Meals" application. Users can input recipe details including name, description, ingredients, preparation steps, cooking time, serving size, and an optional photo.

# Flow of Events

## Basic Flow

The use case begins when the User selects "Create New Recipe" option

The system displays the recipe creation form

The User enters the recipe name in the designated field

The User enters the recipe description in the text area

The User clicks "Add Ingredient" button

The system displays ingredient input fields

The User enters ingredient name and quantity

The User repeats steps 5-7 until all ingredients are added

The User clicks "Add Step" button

The system displays step input field

The User enters preparation step description

The User repeats steps 9-11 until all steps are added

The User enters cooking time in minutes

The User enters serving size

The User enters recipe tags (optional)

The User uploads a recipe photo (optional)

The User clicks "Save Recipe" button

The system validates all entered information

The system saves the recipe in the database

The system displays a success message

The system redirects the User to the newly created recipe page

The use case ends.

## Alternative Flows

### Invalid Input

In step 18 of the basic flow, the system detects invalid input

The system displays error messages next to the invalid fields

The system allows the User to correct the invalid inputs

The User corrects the invalid inputs

The flow resumes at step 18 of the basic flow

### Cancel Creation

At any point between steps 2 and 18 of the basic flow

The User clicks the "Cancel" button

The system displays a confirmation dialog

The User confirms cancellation

The system discards all entered information

The system returns to the previous page

The use case ends.

# Special Requirements

## Response Time

The system must save the recipe and display the success message within 3 seconds of the User clicking the "Save Recipe" button.

# Preconditions

## User Authentication

The User must be logged into the application.

# Postconditions

## Recipe Saved

The new recipe is saved in the system database.

# Extension Points

## Recipe Review

Before saving, the User may preview the recipe layout.

Location: After step 17 of the basic flow.