Recipe Management System

**Business Requirements:**

1. **Recipe Creation and Editing:**
   * Users should be able to create, edit, and save their own recipes.
   * Include fields for ingredients, quantities, preparation steps, and cooking times.
2. **Categorization and Tags:**
   * Recipes must be categorizable by meal type (breakfast, lunch, dinner) and cuisine.
   * Users should be able to add tags to recipes for easy searching.
3. **Ingredient Management:**
   * Maintain a database of ingredients with details like name, category, and measurement units.
   * Allow users to add custom ingredients and specify substitutes.
4. **Meal Planning:**
   * Provide a feature for users to plan weekly or monthly meals.
   * Allow users to add recipes to a calendar and generate shopping lists.
5. **Nutritional Information:**
   * Display nutritional information for each recipe, including calories, macronutrients, and allergens.
6. **User Reviews and Ratings:**
   * Enable users to review and rate recipes.
   * Showcase highly-rated recipes and user favorites.
7. **Shopping List Generation:**
   * Automatically generate a shopping list based on selected recipes and meal plans.
   * Allow users to customize and export the list.
8. **User Profiles:**
   * Create user profiles where users can save their favorite recipes and personalize their settings.
9. **Recipe Sharing:**
   * Allow users to share their recipes with the community.
   * Implement social features, such as likes and comments on shared recipes.
10. **Recipe Scaling:**
    * Allow users to scale the quantity of ingredients in a recipe based on the desired serving size.

**5 Main Features for MVP:**

1. **Recipe Creation and Editing:**
   * Enable users to create and edit their recipes with essential details.
   * Include basic features for adding ingredients and description of preparation steps.
2. **Categorization whith Tags:**
   * Implement basic categorization of recipes by meal type and cuisine.
   * Allow users to add tags to recipes for later retrieval.
3. **Ingredient Management:**
   * Create a basic ingredient database with standard entries.
4. **Nutritional Information:**
   * Display basic nutritional information for a specific recipe, such as total calories.
5. **Search recipes by categorisation:**
   * Allow users to search for certain types of recipes based on the tagging system.