Scrappy Meal: A Food Sorting Software

(1) Ingredients Library
    1.1 Provides list of common ingredients for user to scroll through
    1.2 Assign ingredients to various categories (ex. beef = meat category & milk = dairy category)
    1.3 Choose specific ingredient requested to be utilized in meal recipe
    1.4 Choose quantity of each ingredient added, default quantity of 1
    1.5 List missing ingredients to complete recipes shown in search results
    1.6 Allow user to "favorite" particular ingredient (optional)

(2) Meal Results
    2.1 Provide library of common meal recipes for user to scroll through
    2.2 Assign meal recipes to various categories (ex. pasta = Italian OR carbs)
    2.3 Refresh meal choices after every input of food item
    2.4 Display results of meals based on popularity
    2.5 Show recipes for meals that are missing 1 or 2 food items

(3) Search Results Filter
    3.1 Omit specific food item that may be found in meal recipes (optional)
    3.2 Omit meals with specific dietary restrictions (optional, ex. vegetarian will omit "meat")
    3.3 Sort by difficulty of making meals (optional, ex. easy, medium, hard, expert)
    3.4 Sort by time to create meal by minutes (optional)

(4) User Modification
    4.1 Allow user to create username and password
    4.2 User can upload own meal recipe with at least 1 ingredient (optional)
    4.3 User must choose duration of making meal
    4.4 User must choose difficulty of recipe
    4.5 User can comment and like recipes, which all add to meal recipe popularity (optional)
    4.6 User will be provided recent ingredient and meal recipe history
    4.7 User may delete history or uploaded recipe (optional)

(5) Other
    5.1 Zoom in/out and scroll whenever necessary