Step 1: Brainstorming

- User login information
- Created recipes
- Ingredient lists
- Instruction lists
- Private/public marker for recipes
- Grocery lists
- Create occasions and assign recipes

Step 2: Table Ideas

- User login information: this table will hold information such as username and email. Remember a specific id for each one.
- Recipe lists: this table will hold recipe lists and associate them with a user and have a body of ingredients. / Include private/public markers.
- Ingredient table: would store a list of ingredients (maybe not necessary?) Ingredients could be indexed here for easy reference.
- Instruction lists (stores sets of instructions to associate with corresponding recipes) Each set of instructions should be unique to a single recipe.
- Grocery table: stores a list of ingredients and associates it to a user (and perhaps a recipe?) Connects to a specific user and ingredient table.
- Occasion table: will hold information related to an occasion such as associated recipes. Users and grocery lists, too.
- Ingredient list: to mediate between recipes and ingredients

Step 3: Relationships

- "One to one"
    - Instruction lists: would connect to a specific recipe
- "One-to-many"
    - User information: each user will be unique and connect with multiple data sets but sets such as recipes can only belong to one user at a time.
    - Ingredient table: the ingredient table could connect ingredients to recipes and grocery lists
    - Occasion table: this table can connect to users, recipes, and perhaps grocery lists
    - Grocery table: would connect to a specific user and multiple ingredients
    - Ingredient List: to mediate between recipes and ingredients
- "Many-to-many"
    - Recipe lists: recipe lists will connect recipes to a user, lists of ingredients, and occasions.