**Part 1. Conceptual Planning**

1. Brainstorming:
   1. I need to keep track of:
      1. Users and their Emails and passwords
      2. User’s recipe’s
      3. Recipe’s ingredients and instructions
      4. User’s Grocery lists
      5. User’s occasions
2. Table Ideas

App will not give the capability to have multiple owners for one recipe or occasion. This takes away many-to-many relationships.

* 1. Users
     1. Username
     2. Email (unique)
     3. Password
  2. Profile Pic
     1. Pic ID
     2. Username (unique)
  3. Recipe
     1. Username (unique)
     2. Ingredients
     3. Instructions
     4. Status
  4. Ingredients
     1. Recipe (unique)
     2. Item
     3. measurement
  5. Occasion
     1. Time
     2. Location
     3. Description
     4. Recipes
     5. Username (unique)
  6. Grocery List
     1. Ingredients

1. Relationships
   1. One-to-one
      1. Profile pic
      2. Ingredients
   2. One-to-many
      1. Users
      2. Recipe
   3. Many-to-many
      1. None?

Diagram

Description automatically generatedDiagram

Description automatically generated