

- Brainstorming
  - Sign-in
    - Username
    - Password
      - Hashing
    - User id
  - Create recipe
    - List ingredients
    - List instructions
    - Post to db
  - Public/Private
    - Toggle for global view settings
  - Sharing
    - Allowing users to view others' recipes
  - Grocery List
    - Add ingredients to shopping list
  - Occasions
    - Tag recipes to occasions
- Tables
  - Users
    - user\_id
    - username
    - password
    - first\_name
    - last\_name
    - email
  - Ingredient names
    - ingredient\_id
    - name
  - Recipe names
    - recipe\_id
    - name
    - creator
      - user\_id
    - privacy
      - public/private
    - instructions
  - IngredientRecipe
    - recipe\_ingredient\_id
    - ingredient\_id
    - recipe\_id
  - Grocery lists
    - Ingredient\_user\_id
      - primary

- ingredient\_id
      - foreign key
    - user\_id
      - foreign key
  - Occasions tags
    - occasion\_id
    - Name
  - OccasionRecipe
    - occasion\_recipe\_id
    - Occasion\_id
      - foreign key
    - recipe\_id
      - foreign key
- Relationships
  - One to One
    -
  - One to Many
    - User/recipe
      - One user creates many recipes
  - Many to Many
    - Recipes to Ingredients
      - Many recipes can have ingredients
      - Many ingredients can be in many recipes
    - OccasionRecipe
      - Many occasions to many recipes vice versa
    - Grocery list
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