* 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
  + 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
* Ingredient Recipe
* recipe\_ingredient\_id
* ingredient\_id
* 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