

## Brainstorming

- users can sign into the app with their email and password
- users can create recipes with ingredients and instructions
- recipes can be marked as public or private
- users can view other people's recipes
- ingredients from recipes can be added to user's grocery lists
- users can create their own occasions and assign recipes to occasions

## Website functions

- Login
- Create recipe
- Create occasion
  - Assign recipes to occasion
  - Add guests from users to occasion
- Add ingredients to grocery list
- Toggle private/public recipe
- Create grocery list
  - Add ingredients to list
  - Show from which recipe the ingredient is from

## Tables

### Users

- User id
- Email
- Name
- Password

- Amount

### Occasion

- occasion id
- User id (owner)
- Name

### Recipes

- Recipe id
- User id
- Recipe name
- Instructions
- Bool visible

### Occasions recipe

- unique id
- occasion id
- Recipe id

### Ingredients

- Ingredient id
- Name

### Occasion guest list

- Unique id
- User id
- Recipe id

### Grocery list

- Grocery id
- User id
- Ingredient recipe id

### Ingredient recipe

- Ingredient recipe id
- Ingredient id
- Recipe id

## Relationships

### One to one

- Occasion owner
  - Want owner to be able to edit occasion but not other guests
- grocery USER
  - User can have one grocery list

### One to many

- User recipe
  - One user can have many recipes
- User occasion
  - One user can have many occasions
- grocery list to ingredient
  - One grocery list will have many ingredients
- Occasion recipe
  - Allow guests/owner to add recipes

### Many to many

- ingredient recipe
  - Multiple ingredients to multiple recipes

