Reciplease Share

Features

- 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

Brainstorming

Sign in process

- Email
- Password
- Username
- First name
- Last name
- Birthday
- Timestamp
- Location
- Zip code
- Security question
- Phone number
- PIN
- Profile picture
- Role
- Security image
- User ID

Recipe

- Text body/ lists
- Recipe ID
- Timestamp
- Likes
- Filters
- Hashtags
- Ratings

Grocery List

- Grocery List
- Checkboxes
- Import Recipes
- Save Products
- Product Alternatives
- User ID
- Recipe ID

User can follow each other

- User Id 1
- User Id 2
- Are they blocked?
- Share messages

Responses/Comments

- User ID
- Post ID
- Comment ID
- Rating
- Comment/Body Text

User can join groups

- Group ID
- Group Name
- Public/Private Group
- User ID(s)

- Admin
- Invite
- Permissions
- Description of Group

Post within Group

- Group ID
- Image URL
- Location
- Body text - Grocery Lists and Recipes step by step checkboxes
- Time stamp
- Tags
- Likes
- Visibility setting
- Post ID
- User ID
- Count of comments
- Count of views

Tables

Recipes

- Recipe ID
- User ID
- Image URL
- Text body
- Time Stamp
- Likes
- Share
- Rate
- Filter
- Hashtags

Sign in process

- Email
- Password
- Username

- First name
- Last name
- Birthday
- Timestamp
- Location
- Zip code
- Security question
- Phone number
- PIN
- Profile picture
- Role
- Security image
- User ID

Grocery Table
- Textbody
- Checkboxes
- Import Recipes
- Save Products
- Product Alternatives
- User ID
- Recipe ID

Users Table
- Email
- Password
- Username
- First name
- Last name
- User ID

PostHashtag Table
- PostHashtag ID
- Post ID => Post Table (many to many)
- Hashtag ID => Hashtag Table (many to many)

Hashtag Table
- Tag ID

- Tag Name

Comments
- User ID => User Table (One to many)
- Post ID => Post Table (One to many)
- Comment ID
- Rating
- Comment/Body Text

Relationships

One to One
Users Table
- Email
- Password
- Username
- First name
- Last name
- User ID

One to Many

Comments
- User ID => User Table (One to many)
- Post ID => Post Table (One to many)
- Comment ID
- Rating
- Comment/Body Text

Recipes
- Recipe ID
- User ID
- Image URL
- Text body
- Time Stamp
- Likes
- Share
- Rate
- Filter

- Hashtags

Many to Many

PostHashtag Table
- PostHashtag ID
- Post ID => Post Table (many to many)
- Hashtag ID => Hashtag Table (many to many)

Grocery Table
- Textbody
- Checkboxes
- Import Recipes
- Save Products
- Product Alternatives
- User ID
- Recipe ID

User_ID {
      user_id serial pk increments
      username varchar(30) unique
      first_name integer(100)
      email varchar(100) unique
      password varchar(32)
}

user_details {
      user_detail_id serial pk increments
      user_id integer unique > User_ID.user_id
      phone_number integer null
}

Recipes {
      recipe_id serial pk increments

```
        user_id integer >* User_ID.user_id
        body varchar(2000)
        picture_url text null
        time_stamp time
}

Grocery_List {
        grocery_id integer pk increments
        user_id integer >* User_ID.user_id
        recipe_id integer >* Recipes.recipe_id
        body text
        gluten_free boolean
}

Hashtag {
        tag_id serial pk increments
        tag_name varchar(30)
}

RecipeHashtag_Table {
        posthashtag_Id serial pk increments
        post_id integer *>* Recipes.recipe_id
        hashtag_id integer *>* Hashtag.tag_id
        grocery_id integer > Grocery_List.id
```