Data Modeling Exercise.

Features Data Tables Brainstorming:

* User -hold the individual’s information
  + User ID
  + Password
  + Email
* Recipes – hold the individual’s information
  + Ingredients
  + Instructions
* Recipes public/private – whether it is a private recipe or public
  + Public
  + Private
* Ingredients to grocery list – a list of ingredients for the recipe
  + Add to list
* Occasions -whether the recipe is for special occasions
  + Add occasions
  + Assign recipes occasions

Relationships

1. One-to-one:

Recipes -> recipes public/private because it is one recipe to one option

User -> grocery list because the user can only have grocery list

1. One-to-many:

User -> recipes because a user can have a bunch of recipes

User -> occasions because the one user can have a lot of occasions

1. Many-to-many:

Recipes->ingredients because the recipes can have a lot of overlapping ingredients between recipes.

Recipes -> occasions because there can be many recipes for many occasions