Lab 3/8/2022

Recipe creating/sharing and grocery list app

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 peoples recipes
* Ingredients from recipes can be added to user’s grocery lists
* Users can create their own occasions and assign recipes to occasions

PART 1: CONCEPTUAL PLANNING

STEP 1:

BRAINSTORMING:

* User id
  + Name
  + Email
  + Password
* Recipe id
  + Create recipe
  + Instructions
  + Public/private
  + Ingredients
  + Time itll take to make
* User grocery list
  + Grocery id
  + Connect to recipe ingredients to add
* Occasion id
  + Create occasion
  + Assign recipe to occasion

Step 2:

TABLE IDEAS:

* AUTHORIZATION TABLE: will hold personal info
  + Userid
  + First and Last name
  + Email
  + Password
* Users Table: will hold info about the user
  + Userid
  + DOB
  + Username
  + Age
* Recipe Table: hold info about a recipe
  + Recipe id PK
  + Private/public
  + User who created it id user id
  + Pic of meal
  + instructions
  + How long it takes to make
  + Ingredients – list id
    - Add to your own cart
* GROCERY Table: hold info about a user’s grocery list
  + Recipe id FK
  + List id
  + Recipes added id
  + Items in cart
  + Date added?
* Occasions table
  + Id
  + What is the occasion
  + What recipes to add
  + What ingredients you need.

Step 3:

RELATIONSHIPS:

One-to-one

* Users to authorization: because it’ll have personal identifying information.

One-to-many

* Users to recipe: one user will have their own recipes that people can view
* Users to grocery: one user will have one grocery list of items
* Recipe to grocery: one recipe will have its own ingredients

Many-to-many

* Users to occasions: many users can see many occasions