SIMPLE RECIPE APP QUICK PLANNING

**Models and Queries:**

User : holds user data, links to login

* Get findById() – takes in an id, and returns the requested user data
* Get findByName() – takes in a name, and returns the requested user data
* Get findAll() – returns all users in the db; may make versions to accept parameters
* Post addUser() – takes data for a new user, and adds a new user to the table
* Post List addUsers() – takes a list of user data, and adds new users to the table
* Login – uses login table and Security to validate user and provide auth token/session info
* Logout – removes any provided auth tokens/ session info

Login : user validation info; has a fk for the user it is linked to

* Get findUsernameById() – gets the username for the requesting user
* Get findPasswordByUsername() – gets the username’s associated password
* Get findPasswordById() – gets the password associated with the user-id
* Post addUsername() – allows a user to create or change a username
* Post addPassword() – allows a user to create or change a password

Recipe : holds data for individual recipes; has fk’s for ingredients, steps, and user

* Get findById() – takes in an id, and returns the requested recipe data
* Get findByName() – takes in a name, and returns the requested recipe data
* Get findAll() – returns all recipes in the db; may make versions to accept parameters
* Post addRecipe() – takes in recipe data and makes a new table entry

Ingredient : holds basic data on ingredients; primarily has name and category

* Get findById() – takes in an id, and returns the requested ingredient data
* Get findByName() – takes in a name, and returns the requested ingredient data
* Get findAll() – returns all ingredients in the db; may make versions to accept parameters
* Post addIngredient() – takes in ingredient data and makes a new table entry

Recipe\_Ingredient : join table for recipes and their ingredients; has additional field for quantity

**FE Views and Functions**

Home :

* Login/Sign Up
* Search recipes
* If logged in, view own user page

Recipe\_Search :

* Enter search criteria and receive a display with recipes matching the parameters
* Recipes organized in a grid according to sorting choice
* Could include searchBy:
  + Name
  + Total Time
  + Ingredients
  + Nationality?

Recipe\_Page :

* Created By: username
* Name
* Cook time (not implemented)
* Prep time (not implemented)
* Total time (cook + prep times, not implemented)
* Description (not implemented)
* Photo (not implemented)
  + When implemented, photos will either be stored in an S3 bucket, and referenced in the db, or they will be stored locally, with the path being referenced in the db.
* Ingredients
* Steps

User\_Page :

* Update username/password
* Update name/other data (not implemented)

AddorModify\_Recipe :

* View user’s own recipes
* Modify existing recipe
* Create new recipe
* Delete recipe

ToDo’s

* Convert all http responses to JSON using ResponseEntity
* Learn more about the use of ResponseEntity
* Add error handling to each request.
* Work on the FE.