Current layout of webpages that will use SQL:

**Account** will be used to either create a new account, or login to an existing account

Creating the account already implemented at:

<http://web.engr.oregonstate.edu/~skinnern/FinalCS340/Account.php>

It requires input from the user, so the results are not necessarily static.

SQL looks something like:

INSERT INTO USER (username, email, password) VALUES ('$username', '$email', '$password')

\*this SQL does not return anything aside from inserted one row

**Add Comment** Will check that the comment is valid, and then submit the comment to the appropriate recipe, not yet implemented, but will be effectively the same screen as successfully creating a new account.

It requires input from the user, so the results are not necessarily static.

SQL looks like:

Not yet implemented

**Home** will display 10 recipes, I have not yet implemented any sort of measure for the most popular or most active recipes , but that could just be done with a select count comments or something. Current implementation here:

<http://web.engr.oregonstate.edu/~skinnern/FinalCS340/Home.php>

It does not require input from the user, and is mostly static

SQL looks like:

select U.USERNAME, r.RECIPE\_NAME, r.RECIPE\_COST from RECIPE r, USER U where r.USER\_ID = U.USER\_ID LIMIT 0,10

"Nick","A Tall Glass of Water","2"

"PapaMurphy","Papa Murphy's Home Pizza Recipe","2"

"Jeanette","Jeanette's Spaghetti","2"

"CasualUser","Casual Fried Rice","2"

"IMakeFood","IMakeFood's Burger","2"

**Recipe** will be used to view a recipe, and view the comments, I will also merge add comment onto the page, but I have a mockup here:

<http://web.engr.oregonstate.edu/~skinnern/FinalCS340/Recipe.php>

Recipe requires no input from the user, and is mostly static, you will be able to add comments on the page in a future iteration, but as of now I have not yet implemented it

SQL looks like:

select S.STEP\_DESC, I.INGREDIENT\_NAME, S.INGREDIENT\_AMOUNT from RECIPE R, STEP S, INGREDIENT I where R.RECIPE\_ID=S.RECIPE\_ID and S.INGREDIENT\_ID = I.INGREDIENT\_ID and R.RECIPE\_NAME like '%burger%';

"Place on 450 degree grill for 15 min, flip every 5 min","Hamburger Patty","4"

"After finishing last step, flip burger over, and then place cheddar on top of the patty, cook for 5 more min, but lower the heat to 350 degrees","Cheddar Cheese","1"

"Place Hamburger buns adjacent to the patty to let them heat up and toast a bit ","Hamburger Bun","4"

"Turn off all heat, and place the patty with the cheese cooked on between the slices of bread, and Voila! a tidy burger!","Salt","1"

**Recipe Search** will return whatever you have searched through the search system, separated into Users, Ingredients, and Recipes. Located here:

<http://web.engr.oregonstate.edu/~skinnern/FinalCS340/RecipesSearch.php>

Requires input from the user, so no it is not static.

Search Query varies, so here are all 3 permutations:

**Recipe Search:**

select Recipe\_name from RECIPE where Recipe\_name like '%$Searchitem%' LIMIT 0,20

"IMakeFood's Burger"

**User Search:**

select Username from USER where Username like '%$Searchitem%' LIMIT 0,20

**Ingredient Search:**

select I.Ingredient\_name, R.RECIPE\_NAME from INGREDIENT I, RECIPE R, STEP S where I.INGREDIENT\_ID = S.INGREDIENT\_ID and S.RECIPE\_ID = R.RECIPE\_ID and I.INGREDIENT\_NAME LIKE '%$Searchitem%' LIMIT 0,20