

ITP 303 Final Project Summary

INSTRUCTIONS: Type out your answer directly below each question. If a question does not apply to your project, type in N/A. When finished, save this file as a PDF and upload it to the itpwebdev server via FileZilla. Then, add a link to this PDF in your student_page.html. Label it "Final Project Summary."

BASICS

Your name?

Uma Durairaj

What is the topic of your final project?

My website is an online recipe box for users to find and store online recipes they like.

Who is the intended audience?

My audience is the average person who cooks, or who wants to start cooking more, from college students to adults.

Provide a brief summary of the functionalities of your project.

Users can search for recipes based on ingredients using an API and create a copy of those recipes to add to their box, or can custom add online recipes to their box. They can also search their recipe box based on title or tag, as well as update or delete any recipes in their box. Recipes can be given tags and comments by the user.

FRONT-END

What is the total page count?

15 pages total, 10 pages with significant content

- **login/home.php**
- **login/login.php**
- login/logout.php
- **login/register_form.php**
- login/register_conf.php
- **myrecipes.php**
- **recipe-details.php**
- **recipe_search.php**
- **search-ing.php**
- add_form.php

- add_custom_form.php
- add_conf.php
- edit_form.php
- edit_conf.php
- delete.php

List the names of any external stylesheet used in this project below.

- style.css

List any CSS libraries/frameworks used in this project (e.g. Bootstrap) below.

- Bootstrap

List any JavaScript libraries/frameworks used in this project below.

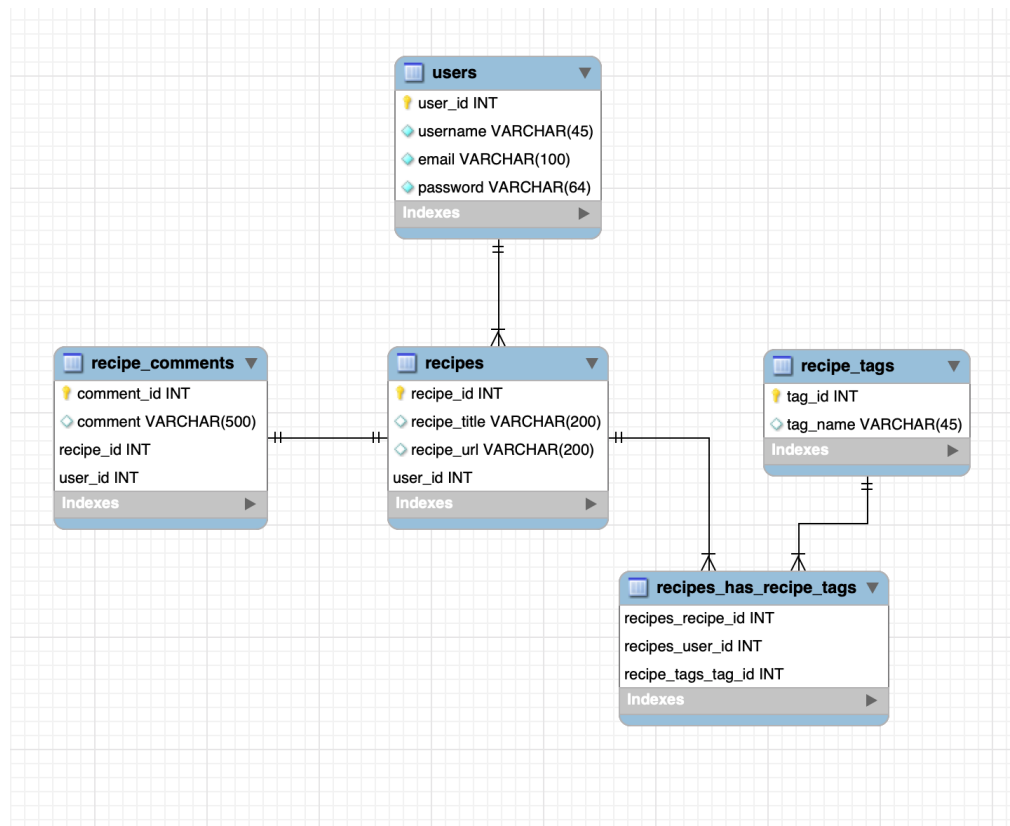
- jQuery

How does your project meet the Interactivity requirement?

Hovering over a recipe's title on the "my recipes" page (myrecipes.php) and on the my recipes search results page (recipe_search.php) will change the text color and make it larger.

BACK-END

Attach a screenshot of the final database diagram (just the diagram, do not include any records) below.



Where in your project do you insert a record to the database (the 'C' in CRUD)?

Inserting records into the database happens in a few locations. Firstly, it happens in the “search by ingredient” page (search-ing.php -> add_form.php -> add_conf.php), where users can first search for recipes by ingredients and then choose to add a recipe to their recipe box. It also happens in the “add a recipe” page (add_custom_form.php -> add_conf.php), where users can custom create a recipe entry to add to their recipe box. Finally, creating records also occurs when users choose to edit existing records (edit_form.php -> edit_conf.php) because they can add new tags or comments, which require inserting new records to the tags and comments tables.

Where in your project do you search and display record(s) from the database (the 'R' in CRUD)?

Searching and displaying records from the database first happens in the “my recipes” page (myrecipes.php), which selects all recipes with the user’s id from the database and displays them. It also happens on the recipe search results page (recipe_search.php) if users search for a recipe by title or tag on the my recipes page in their recipe box.

Where in your project do you update and existing record(s) the database (the 'U' in CRUD)?

Updating existing records happens when a user clicks on a specific recipe from the my recipes page and then chooses the edit button (edit_form.php -> edit_conf.php). They can change the title, url, image url, tags, or comments for the record.

Where in your project do you delete existing record(s) from the database (the 'D' in CRUD)?

Deleting existing records happens when a user clicks on a specific recipe from the my recipes page and then chooses the delete button (delete.php). This then deletes that recipe along with any comments or tags associated with it.

MISC

What two “extra” requirements did you implement and where can they be found?

My first extra was using an API with cURL, which can be found on the “search by ingredients” page (search-ing.php, search-ing_backend.php, main.js). My second extra was a CSS animation, also found on the “search by ingredients” page (search-ing.php), in which the recipe box “jumps” around while the API results are loading.

If you used any APIs or JS plugins/frameworks as one of the extra requirements, list the name and a link to their documentation.

I used the spoonacular API for [searching for recipes by ingredients](#), which gave me a recipe ID, and then [searching for recipe information by that ID](#). Corresponding docs are hyperlinked.

If your project requires any admin credentials (i.e. only admin users can access a certain page), list the credentials below.

N/A

Provide any other information that you think the grader/instructor should know when grading your final project below.

There are a few sample/test accounts I created that have recipes, tags, and comments generated, which you may want to log into so it's easier to visualize.

User: test / Pass: test

User: test2 / Pass: test2

User: test3 / Pass: test3

Also, make sure to follow the format for adding/editing tags and comments because it is important to parsing and correctly adding/removing them from the database. Tags should be comma-separated and comments should have a newline between them.

Lastly, the API free tier has a limit of 150 requests per day, so just be aware of that while testing!