

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?

Carol Liang

What is the topic of your final project?

Coffee Shop/Brewery

Who is the intended audience?

Anybody who enjoys coffee and shopping for coffee!

Provide a brief summary of the functionalities of your project.

Coffee! is a website that allows users to interact with my future coffee business. They can create an account, and from that account, browse our offerings and add items to their cart, modify their profile information, and delete their account.

FRONT-END

What is the total page count?

5 pages - login, register, home, profile, and cart.

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.

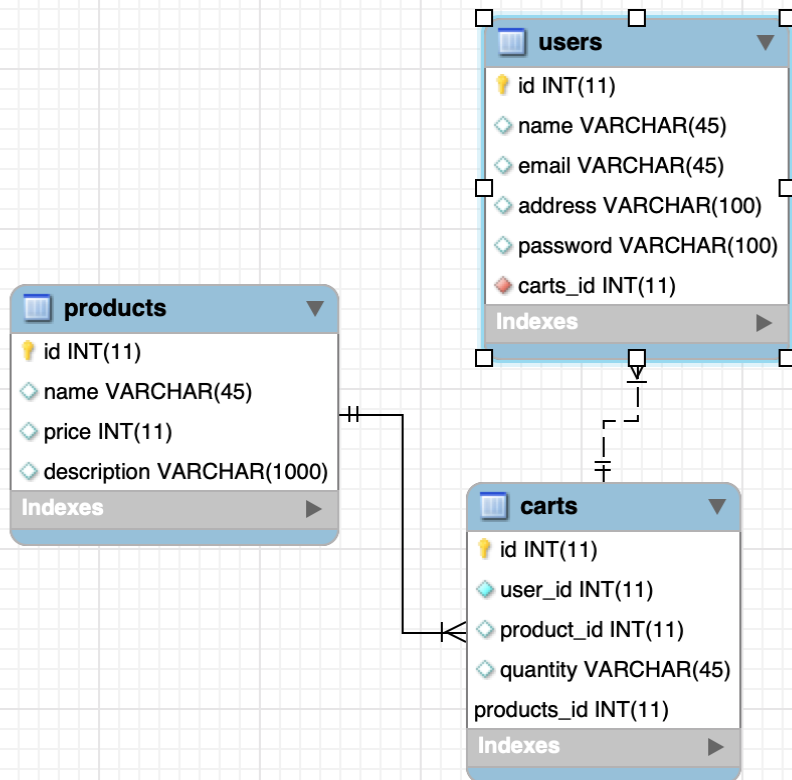
none

How does your project meet the Interactivity requirement?

Users can click "add to cart" on each item while shopping, which adds the item to their cart for future reference. Additionally, users can click to enable or disable their profile form information to edit/save.

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)?

When users create an account, a record is inserted into the “users” table in the database. Additionally, whenever the user adds something to cart, a record is inserted into the “carts” table in the database.

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

When the home page loads, the “products” table records are displayed for the user to shop from. Additionally, in the Cart page, the “carts” table is searched to display only the current user’s products as well as display them on the page. Lastly, on the Profile page, the user’s most current information is searched and displayed.

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

When the user chooses to edit their account information on the profile page, the “users” table is updated in the database.

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

INFORMATION TECHNOLOGY PROGRAM

When the user chooses to delete their account from the Profile, their record is deleted from the “users” table in the database.

MISC

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

I chose to use a REST API and a CSS animation. I call the REST API to generate random pictures to enhance the aesthetics of the user’s profile page, so every time the page is reloaded, a new picture is generated. I use a CSS animation for each page load - for example, when logging in, the animation starts while the home page is 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.

Lorem Picsum REST API: <https://www.programmableweb.com/api/lorem-picsum-rest-api-v2>

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.

N/A