INFORMATION TECHNOLOGY PROGRAM

ITP 303 Final Project Summary

BASICS
Your name?
Carolyn Hua

What is the topic of your final project?
Pop Fridge is a website to minimize produce waste by storing each user's grocery data. Pop Fridge keeps track of what produce is in your refrigerator and approximately what date it may spoil or expire.

Who is the intended audience?
The intended audience is for any individual that buys groceries for themselves or their household. It's common human nature to forget about our perishables in our fridge, especially with a large household as items get shoved to the back of the fridge. This website may be most useful for busy college students or parents who may not have the time or energy to track down what items are in their fridge and what will expire soon.

Provide a brief summary of the functionalities of your project.
Pop Fridge opens up to a main page that reveals a fridge and a square post-it note. Each shelf on the fridge represents 1 of 5 categories: Miscellaneous, Fruit, Meat & Cheese, Green Vegetables, Color Vegetables. When a shelf is clicked, the post-it note reveals the user's items in their "pop fridge" a.k.a. the items they added to their own database, and calculates its expiration date based on the database containing how long certain items last in common refrigerator temperature. There's also a view button to reveal items expiring soon (within 3 days) reminding users what foods they should eat before they spoil. Registered users can add to their own fridge database by searching the item and adding the item with a simple button. They can also delete items from the main page by clicking on the item name.

FRONT-END
What is the total page count?
16 php files (11 front-end, 5 backend), 1 css file (external stylesheet)

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, Adobe Fonts (Typekit), FontAwesome

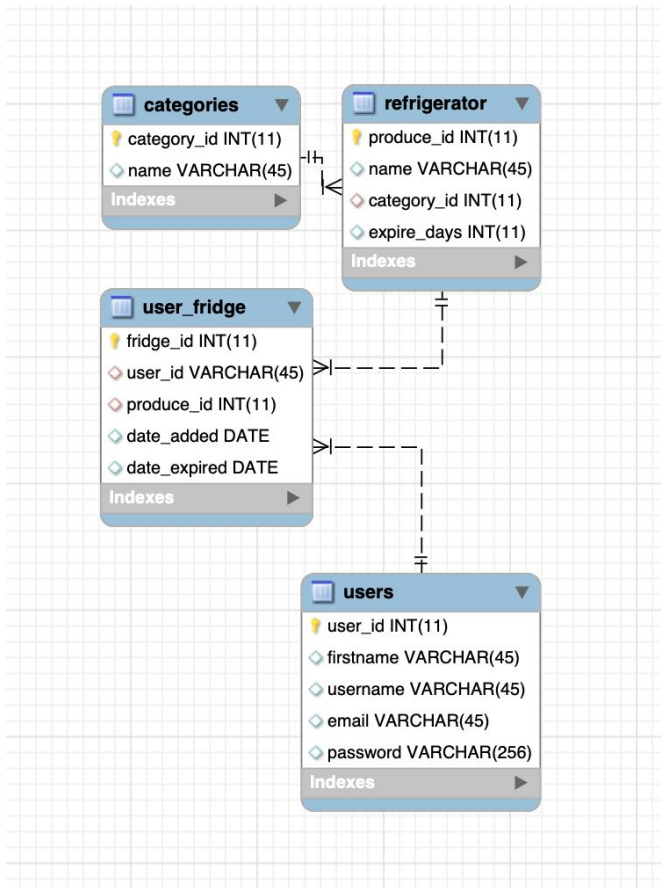**List any JavaScript libraries/frameworks used in this project below.**
N/A

How does your project meet the Interactivity requirement?
Yes, I have click & hover event handlers throughout the project
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)?
add_backend.php *(refrigerator)*, search_add.php *(user_fridge)*, register_confirm.php *(refrigerator)*

Where in your project do you search and display record(s) from the database (the 'R' in CRUD)?
search.php *(refrigerator)*, main.php *(user_fridge)*

Where in your project do you update existing record(s) the database (the 'U' in CRUD)?
edit.php *(user_fridge)*

Where in your project do you delete existing record(s) from the database (the 'D' in CRUD)?
edit.php/delete_backend.php *(user_fridge)*, search_delete.php *(refrigerator)*

MISC
What two "extra" requirements did you implement and where can they be found?
Front-End <-> Back-end (Javascript <-> PHP), Different User Permission Levels, and CSS and Javascript Animation in main.php

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

If your project requires any admin credentials (i.e. only admin users can access a certain page), list the credentials below.
Admin users can delete from the main database of items in pop fridge, registered users can only delete their own items in their pop fridge account

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