INFORMATION TECHNOLOGY PROGRAM

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?

Jonathan Montemayor

What is the topic of your final project?

Workout Planner website

Who is the intended audience?

Anyone in the fitness community, no matter the experience level, who needs support in planning out a coordinated workout for the boy.

Provide a brief summary of the functionalities of your project.

This website allows you to search for different exercises that pertain to your specifications: you can search by body part, equipment used, or muscles trained. This allows anyone of any experience level to find an exercise for themselves (beginners can search by body part, intermediate by equipment used, and advanced by muscles trained). You can view more details about the exercise, and if you are logged in, you can save the exercise (along with a desired number of sets and reps) to your own workout plan.

FRONT-END

What is the total page count?

5: HomePage, Search Page, Search Results, Search Details, and Profile Page

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

Navbar.css (shared by all pages), HomePage.css, Search.css, SearchResults.css, SearchDetails.css, Profile.css

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

Bootstrap

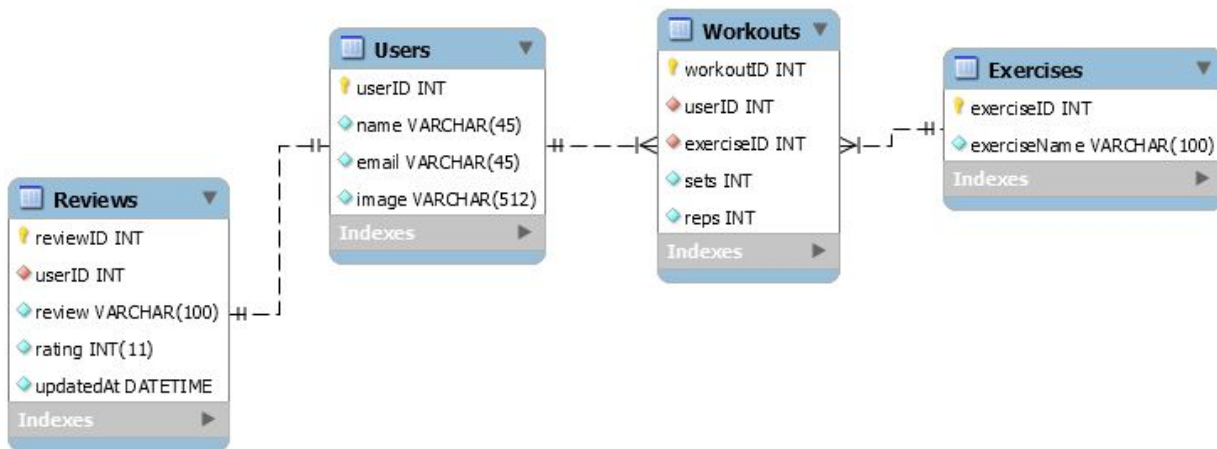**List any JavaScript libraries/frameworks used in this project below.**

Google OAuth 2.0 for JavaScript/Client-side Web Apps

How does your project meet the Interactivity requirement?

I added event handlers to make a rating system when creating a review on your profile. On mouse enters for each star, it lights up the star and all previous stars, and on mouse leave it defaults the stars to black. After clicking on a star rating, the number of lit up stars stays at that position until you click another star rating.

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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)?

In SearchDetails when saving to your workout if you're logged in.

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

When you click on the Profile button after logging in, it redirects you to the Profile page, which on window load reads in all the exercises that are associated with your user account.

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

In the Profile Page, you can edit the number of sets and reps for each exercise you currently have saved.

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

In the Profile Page, you can delete the exercise from your workout, which removes it from the database.

MISC

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

I utilized sessions/cookies after a user logs in with Google OAuth 2.0. I set the session for their name, email, image, and custom user ID whenever they log in. It can be found in Navbar.php at the top.

I also used the Wger REST API in order to search for exercises and display details about them. They can be found in Search.php, which grabs all the parameters that you can search an exercise from. It's also in SearchResults.php, which displays all the results pertaining to the search parameter. It's also in SearchDetails.php, which displays more details about the exercise (Description, image if available, etc.).

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

Wger Rest API: https://wger.de/en/software/api

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