

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?

Dongwook Choi.

What is the topic of your final project?

My final project is a website centered around a quiz about distinguishing real programming language names from fake ones.

Who is the intended audience?

The intended audience is the range of people from those who have no experience with programming but are interested in the topic, to those who are already strongly invested in programming.

Provide a brief summary of the functionalities of your project.

The project provides

1. An interactive quiz using JavaScript.
2. A scoreboard to submit quiz scores to and view other users' scores.
3. A reviews page to submit reviews and view other users' reviews.
4. Membership to identify score and review submissions.

FRONT-END

What is the total page count?

My public directory had 14 PHP files, but they could be categorized into 5 types of pages.

1. Quiz pages.
2. An about page.
3. Scoreboard and score submission pages.
4. Review-related pages.
5. Membership and session management pages.

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

N/A.

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

Bootstrap.

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

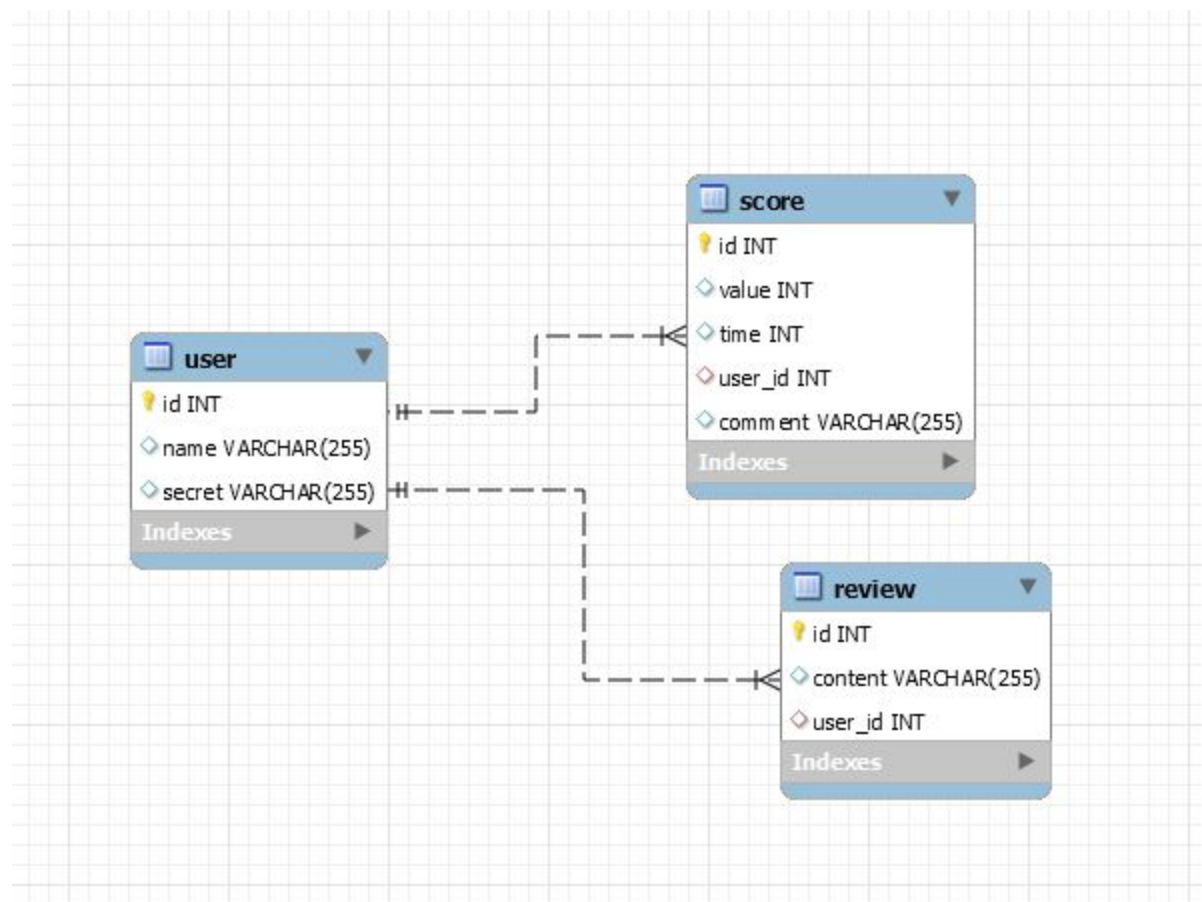
N/A.

How does your project meet the Interactivity requirement?

The quiz page used clicking event handlers to process user input (answers) and display feedback.

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)?

1. Creating new users.
2. Submitting scores.
3. Submitting reviews.

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

1. Scoreboard.
2. Reviews page.
3. Avoiding username collisions.

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

Ah, oops. I guess I didn't really do that.

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

Users can delete reviews made by anonymous users in the reviews page.

MISC

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

1. Session/Cookies - Sessions were used for storing score data and membership data.
2. Frontend to Backend AJAX - The quiz JavaScript requests the server for questions and answer keys rather than keeping the entire quiz in memory as a form of weak obfuscation.

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.

N/A.

INFORMATION TECHNOLOGY PROGRAM

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

N/A.