Introduction to IT: ITWS 1100

Final Quiz: Dev 6, 2021

Place your name on the top of this document in the header

Enter your answers directly into this document (unless instructed otherwise)

All answers should be Detailed and in be in Your Own Words, and use proper grammar

There are 2 main questions on this test. Make sure you complete them all.

Make sure your answers use an alternative font and/or color – (not black or red)

Save this document as *yourRCSID-yourName*-F21Quiz3.docx

Create a readme file and discuss any relevant information about the lab, include at least; your GitHub id, Repo name, and Discord handle.

Place all quiz specific documents including this one under your iit folder in a folder named

quiz3

When finished with the quiz, zip your iit folder into a file named

*yourRCSID-yourName*-F21Quiz3.zip

Submit it to LMS

*NOTE: You are not to discuss this quiz with anyone. You are not to reference old (previous semester) submissions for ‘help’ or guidance. You may not solicit or receive help online or in-person. You may reference online resources, and you may use the notes from this class, but all work must be your own and you must figure out the solutions on your own.*

Remember to save as you go,

Good luck!

1. HTML, CSS, JavaScript, jQuery, PHP, and then some … (60 Points, 45 min)

In lab 3 you built a simple website using (primarily) static HTML. In Quiz 2, you enhanced your website with jQuery and jQueryUI. In Lab 9 you modified your projects page to read from a JSON file using jQuery and AJAX.

Now I want you to repurpose your websites again. This time, I want you to prepare to build them using data stored in your DBMS and setup your pages using PHP.

* + Create a branch for this quiz, tag it as *iitQuiz3 (5 points)*
  + Create a database in your MariaDB (MySQL) server named, *iitQuiz3 (15 points)*
    - In this database, create a table named *myProjects*
    - Make sure you have a primary key, that is automatically set that is 4 bytes in length
    - Create the fields necessary to store your project menu information
  + You are now going to fill your database with the data necessary to build your projects page (hint: convert your JSON data) (30 points)
    - Write a program named loadData.php which will display a form on the screen to accept the data for your lab and insert it into the database.
    - It must validate the entry using JavaScript and/or PHP – your choice – no more complicated than the validations we did in labs or in class.
    - It must have the ability to insert new record and display the table’s data.
    - It may follow similarly in function to the examples in class
  + Document your code (required, up to 5 points off)
  + Output your database to a file named *yourRCSID-*F21Quiz3.sql, making sure to include all the commands necessary to create your database and table along with adding the data for your website. (5 points)

* + In your readme file, include instructions telling us how we are to setup your database and tables and data. (5 points)
  + Commit your code and push it to github – do not merge it. (required, up to 10 points off)

1. PM: (40 points, 30 minutes)
   1. As discussed in the lecture: What is Product Management and how does it differ from Project Management (10 points, 5 minutes)

Project management focuses internally to achieve specific objectives and complete a given project on time and under budget. And product Management takes a broader view and focuses externally on the customer and the overall and continued success of the project.

The most different of both is project management will create the project,and the product management will sell the project.

* 1. What was your team number? How did you manage your project? After seeing the lecture, what, if anything would you do differently and why? Be specific (As always, complete in your own words and in complete sentences) (10 points, 10 min)

I am team 4,and I created the HTML and draw the layout,this make our website look clean.After lecture,I think I should not put anything I learned from class in my project because some of them is suitable.The project need to be useful not nervous.

* 1. As described in the guest lecture, what is OKR? Describe how you would use one or more (or how you did) in your group project, and why. (20 points, 15 min)

OKR(Objectives and key results) is a goal setting framework used by teams to define measurable goals and track their outcomes.

At the beginning,my team created a calendar to notice our goal and when should we finish each part,so our large project look like easy,then if we finished early than deadline we can rest sometime before next part.It help us be relax in nervous studying plan.