

Case Study Updates

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Chapter 4 Individual Case Study

Req:

Individual Case Project

Add exception handling to the code for one of the forms on your personal website. If your site does not include a form, add one first. Your code should display one or more relevant error messages in an appropriate location. After you finalize your code, write a summary of the debugging methods from this chapter that you used in this project, describing how you used each one in your code.

This is not as clear for the Trivia game.

If you are up to it, check their answer. If correct have the button turn green, if not have it turn red and make the correct answer's button green.

You can do something else along the spirit of this assignment also.

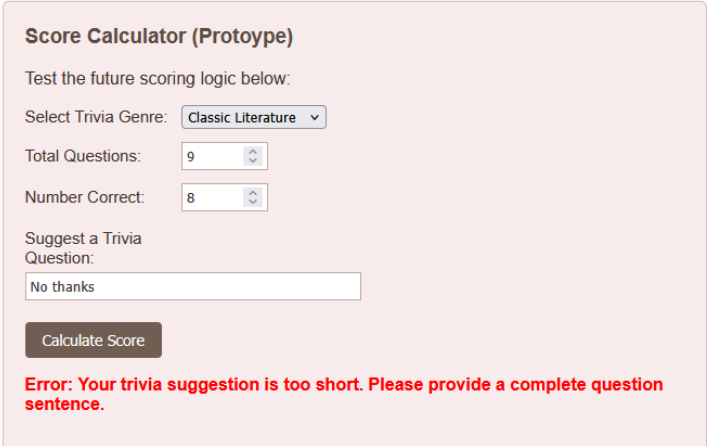
Implementation:

Added blocks that wrapped the users answer submission.

Modified the button so that if the answer to a submission is correct, it is green, but wrong if red.

No actual questions were added since it was just a “test scenario” making sure I got the actual process working.

I added try...catch handling, Error Messages, and Visual Validation.



Score Calculator (Prototype)

Test the future scoring logic below:

Select Trivia Genre: Classic Literature ▾

Total Questions:

Number Correct:

Suggest a Trivia Question:

Error: Your trivia suggestion is too short. Please provide a complete question sentence.

Chapter 5 Individual Case Study

Req:

From the book:

"Add a page to your individual website that educates visitors about web security. Report the values of at least six properties from Figures 5-36 and 5-37 to illustrate the breadth of information about a user's computer that a web app can access. Perform a web search on practices for using the web safely, and include links to at least three sources, along with a one-sentence summary of each."

So, just like it says. Grab some of the user's info about their browser and display it as a page. Make a separate page for this.

Implementation:

<https://devweb1.cis.pennwest.edu/~MOR05691/security.html>

Created a new webpage dedicated to web security and used DOM/BOM objects to report device information

Chapter 6 Individual Case Study

Req:

"Add validation the code for one of the forms on your individual website. First, ensure that your form uses at least three of the following field types: check boxes, text boxes, option buttons, selection lists, and text areas. Then, program validation for your form ensuring that users enter values or make selections in all fields, and verifying at least one other aspect of at least one of the fields. Provide appropriate feedback to users when the form fails validation. Test your completed program until all validation works reliably with different combinations of valid and erroneous data."

How about with your game, you make a page where the user can create an account, with name and email. The validate those fields. You may want to make a separate page that the user can click on when opening up your game page.

Implementation:

<https://devweb1.cis.pennwest.edu/~MOR05691/account.html>

Made an account creation interface

Users can submit name and email and I added a check box for "Trivia Terms".

Users can not leave fields empty and there is feedback if an error occurs.

Chapter 7 Individual Case Study

Req:

"Enhance the feedback form in your project to enable users to choose one or more options from a list of at least five options. Include code that adds user selections to either an array or an object and ensure that if a user deselects one of the options, ; it is removed from the array or object. Add code to convert the array or object to a string."

Maybe:

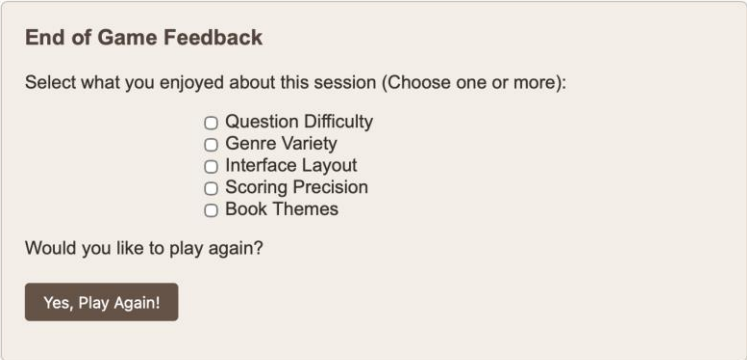
Add a feedback form for when the game ends goes to that page. Give the user a percent correct, rating, ask if they want to play again. And use there name from the login from the last assignment for a greeting.

Implementation:

account.js stores player usernames in browser storage

Trivia page displays the username submitted in the account page

End of Game feedback box is added



End of Game Feedback

Select what you enjoyed about this session (Choose one or more):

- ☐ Question Difficulty
- ☐ Genre Variety
- ☐ Interface Layout
- ☐ Scoring Precision
- ☐ Book Themes

Would you like to play again?

Create Player Account

Player Name:	dmorse
Email Address:	deckthewrekt
Favorite Genre:	Classic Literature
☒	I agree to the Trivia Terms
Register Account	

TRIVIA PAGE

Welcome, dmorse!

[\[Create Player Account to Save Scores \]](#)

My idea for this project is a Book-Themed Trivia game. The trivia game will test users on classic literature, modern bestsellers, famous authors, and well know stories. As the course progresses, I plan to build interactive features where players choose specific genres. I also think it would interesting if users could suggest ideas and topics they would like to see implemented.

Additional comments and notes:

I recognize, after reviewing my trivia page that I have not actually implemented any questions other than “prototypes”.

I will implement those features immediately. Sorry about that.