Dylan Zelasko

CITC 2390

Mid-Term Project Report (Programming)

Weeks 2 & 3:

I have decided on the name and subject matter of my fictional business (Doug’s Burger Shack) as well as begun work on the html files. I will use JavaScript for the execution of most code within the website, however, to read the csv file or string that is returned from the server I will use python.

I have set up my Ubuntu virtual machine as well as found server hosting options for my fictional business. I’ve installed the relevant languages (python and node.js now, though if more is necessary, I will update this report.)

I have begun work on the HTML files for the separate pages. I have not yet applied any CSS styles to the site. I am still unsure of the aesthetic aspects but will work them out over time as the project continues.

I will be troubleshooting my code locally through Google Chrome, but I will do my best to ensure the code is accessible for as many browsers as possible. I will also ensure that it runs well on a server before submission, however I’m not near that step yet.

My plan for implementation is to create modular components for input and output of data, working credential encryption into these elements, making sure the website is navigable with minimal effort, and troubleshooting any server-side issues thereafter.

Time spent was around 3 hours for week 2 and about 4 for week 3. Much of that was spent setting up proper environments as well as road mapping my execution. The rest was spent on HTML, however there is much more to be spent there.

Week 4:

I have not accomplished as much as I would like to have regarding finishing my draft for this project. The time I originally wished to spend Friday and Saturday was not available due to weather conditions. This has been an extraordinarily long weekend, and I’m glad to be back home now. I’ve worked some on implementing the previously mentioned features as well as worked on scripting the website itself.

I will have the deliverable for next week completed on-time. I hope you’re doing well with all that has been going on in the region. As far as time goes, I’ve only put in a few hours this week. This coming week looks to be much more conducive to finishing the tasks.

Week 5:

I have almost finished the project. The HTML for almost all the site is ready, and I’m currently working out the details for reading to and writing from the database in the JavaScript file. The website page to enter a new member for Doug’s Club is fully implemented and validates that each field has a value. The page to search the database is finished structurally and just needs the script to be finished to read and write.

The style of the website has come a long way. I’m not the most artistic type, but even if it isn’t overly pretty, it looks much, much better than it had.

I’ve been testing the website through Apache in my Ubuntu Virtual Machine. I’m still working out some issues with hosting it, but I will have that resolved before final submissions.

The code is now thoroughly commented. I may add more details throughout, but it is quite legible as it is now. Additionally, the JavaScript file has been broken down into several functions for data validation as well as username and password checking.

I’ve spent at least 15 hours on this project throughout the week. I look forward to getting the finished project to you next week.

Week 6:

I have tried my best to get the project fully functional. I’m somewhat struggling to get the javascript functions to write to the csv file as planned. I have spent at least 12 hours trying various solutions to the issue, but I’m not sure I can get it implemented as planned.

The HTML and CSS looks about as good as I’d be able to make it look, and it all works as planned. Additionally, I’ve found a good way to instantiate the website onto an Apache server in Ubuntu.

The only issue I have left is getting information in and out of the CSV file. I will do my very best to accomplish this, but I’m not sure I’ll be able to do so by the due date on d2l. I have noted in the project documentation that it states we have 7 weeks to finish the project, and I hope that holds true.

I have been experimenting with various solutions, mostly node.js and py-query, but I’m not overly familiar with either of them. This has been a struggle for me through the project, but I’ve yet to come up with a solution.