CSC 317-04 Final Group Project

Team: Little Nightmares

Name - Github:

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Repo: https://github.com/CSC317-Spring2021/csc317-group-html-storefront-jeshem

What We Did:

For this assignment, we were to take our website and implement a backend into it. To do this, we first took a look at our site and decided what components would require and/or benefit from having a back end. As a result, we decided that the site's account feature as well as the menu feature should be what we attach to the backend.

To build the backend, we used the npm registry to access the Express module of Node.js. With it, we were able to create a backend capable of storing information passed to it from our website in JSON format.

Problems Encountered:

A problem Thien and Shem had as a team is that our other teammates have not been working with us and have not contributed to the group's assignment the last couple of assignments. We have not heard from our teammates Aung Ko Ko Oo or Million Kassa Birhanu over Discord, text, or email for some time. The last time either of them have committed anything to our group's github was back in March.

Other problems encountered included complications encountered during coding due to the lack of experience in creating a backend.

Solution:

Shem started the project by creating a pseudo database using local storage to store user's information when registering and logging into accounts. However, as this was stored locally, it held the risk of being seen by other users. Thien was the one to figure out how to actually create a backend, which he then set up to take information from the website and store them on a server

where regular users would be able to access. From there, Shem contributed additional functions to the backend including a hash function to hash the password before it is stored on the server.

Even though our team had to work on this assignment with only half the manpower, we managed to make use of what we had. There are still some limitations to what we could do with our limited time, experience, and resources, such as being unable to figure out how to pass information from the backend to the frontend. Regardless, we did the best we could despite the difficulties presented.