CSC 32200 Final Report

Team W:

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The goal of this project is to focus on the software development lifecycle. This involves a large amount of planning (37% rule), good analysis/diagramming skills, an understanding of how a full-stack application fits together, and good time/resource management skills. While our group recognized the scope of the project from the beginning, we also decided to take this opportunity to learn new tools and technologies in the form of both React and MongoDB. While the project certainly lends itself to the use of such tools, gaining familiarity with them is a project unto itself and ultimately led to issues completing it on time. Oumar led the charge as far as diving into learning these tools and he deserves a great deal of credit. However, if we were to all contribute towards implementing the functionality, we would all have to learn how to use these technologies and it is here that we hit a wall. We bit off a bit more than we could chew and, were we to do the project again, we likely would have either chosen another route or assigned a single person or two to focus on either front or back end to fully learn the tools we chose. That being said, massive credit is due to the group as we fully supported each other throughout the process and tensions never rose. The planning phase of the project also went very well, with all group members attending meetings, contributing, and working together to understand the specifications very well. We all agree that, despite not being able to produce a finished product, we learned a lot.

Requirements Completion Progress:

Requirement 1: 100% Everything listed in this part of spec is present.

Requirement 2: 75% (The matching of the motherboard and the CPU was not implemented. Other than that, the website had a good variety of different products)

Requirement 3: 80$ done. The visitor could browse through the website, check the descriptions of each product available. Add them to a cart but would not be able to proceed any further without creating an account.

Requirement 4: 90% Customers were able update their entire profile including the name, email, password including the Balance. The purchase was subtracted from their balance. The warning part was not implemented

Requirement 5: 0% Requirement 5 was not implemented.

Requirement 6: 20% only the products on the website had a rating.

Requirement 7: 0% promotion, demotion, warning as well as compliments were not implemented.

Requirement 8: 0%

Requirement 9: 0%

Requirement 10: 0%

The evaluation of each team member:
Oumar Barry: 100%
Ian Niles Frost: 100%
Zhi Gao: 100%
Max Sehaumpai: 100%
Richard Yeung: 100%