CSCI 4370

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Final Project Report

For the final project, we decided to do a web application based on customer rewards. We kind of divided the work between the database and the website development. My group member, Justin Tumale, and I worked on the implementation of the database. We first created an UML design of the relations and converted into a relational model. Then, utilizing MySQL we developed a schema similar to the relational model. I also held figure out the BCNF and 3NF decomposition of the database depending on the functional dependencies. I also helped create the presentation where I made slides for the UML, BCNF, 3NF, and the comparison of all of them.

Review

Project Manager: Phillip McIntyre +2

Phillip was a great help in this project. He helped us with the final decision and implementation of the database. When we had trouble understanding BCNF and 3NF, he explained the algorithms to us.