

Bank of Nerds Project Summary

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1 Project Summary

The Bank of Nerds project requires the development of an application that simulates a working model of a small bank. The bank includes, accounts, customers, transactions (withdraw / deposit), and a menu interface to allow a customer to withdraw or deposit to various accounts.

2 Challenges

2.1 Classes

While I have gone through multiple labs and studied classes, I still spent a substantial amount of time trying to successfully integrate their use with Bank of Nerds. As a result, Bank of Nerds development took much longer than I anticipated

2.2 Automated tests

It became evident during the development of Bank of Nerds that I do not completely understand automated tests, and I misunderstood their application and use at times. Because of this, Bank of Nerds development experienced multiple delays and setbacks.

3 Successes

3.1 User menus

In light of how comfortable I have become using user menus, I was not surprised at how easy it was to integrate user menus into Bank of Nerds. The feeling one gets when concepts taught in class seem to come naturally while working on a given project is always a good one.

3.2 Methods

While working with methods during this project was a challenge, I feel that the time between my introduction to methods and now, that my proficiency with methods has seen a substantial increase. Prior to the Bank of Nerds I understood some of the advantages of methods. However, working through this project has provided additional insight into the advantages and efficiencies gained by using methods.

4 Lessons Learned

4.1 Classes

Although I was somewhat proficient at implementing classes in my program, I still require additional familiarization and practice using classes. The more that I familiarize myself with and develop programs using classes, the more proficient I will become.

4.2 Automated tests

As a result of the difficulties that I experienced with automated tests in Bank of Nerds, I need to re-visit basic and advanced labs / curriculum to solidify my knowledge, skills, abilities with automated tests.