**Intermediate Programming**

**BIT2400A [20742]**

**Final Project Report**

Danny Vuong (101040331)

**Summary**

BITBank Desktop Banking Application (BITDBA) is an electronic banking application independently developed by BITBank SOFTWORKS LTD. that serves as an interface to manage funds, track daily transactions, and electronically transfer funds to other accounts.

**Software Design**

The DBA software is written purely in C++ and is powered by Windows Forms. Since Windows Forms relies on object-oriented programming, there only needs to be one class within which contains all the code. There are many different methods in this programming, most performing different tasks than others.

**Changes from the Proposal**

I have included all the required features in the proposal and omitted some of the optional features such as live stock prices from TSX/NYSE, live composite indices, paying bills, displaying quotes, and viewing mutuals. I omitted those because they require external libraries and possibly APIs which I do not have the knowledge of utilizing at the moment.

**What I Learned**

I learned a lot from this program namely method Prototyping, advanced file handling (C++), windows forms development, and other aspects of object-oriented that I struggled with throughout the course.





