**BANKING SOFTWARE PROJECT SUMMARY AND CLOSURE**

**PROJECT TITLE:** Banking Software Program 1.0

**COMPLETED BY:**  MICHAEL AGONSI

**DATE:** 2024-06-02

AIM/OBJECTIVE OF PROJECT:

* Understanding database design and security
* Importance of securing codes
* Software architecture and design
* Understanding SDLC
* Improving UI design skills
* Understanding and simulating how banks collaborate with other banks.

USER REQUIREMENT REVIEW

All the user requirements were met to some degree. Certainly, there is room for improved code performance by refactoring and improving code readability as well as security.

Some requirements not met can be used as added features for next version or update release.

**RETROSPECTIVE**

This project although took 2 months to complete this was based on lack of inconsistency with work because mainly because of other prioritized activities. However, it is not an excuse, improving time management skills is necessary to keep a consistency working style and healthy work ethics.

Some of the new things I learnt while taking on this project are;

* Data encryption with python using the cryptograph module
* Data base design using ER modelling tools and extensive use of triggers in the database to meet the project requirements and simulating process automation.
* Understanding and implementing the 3 tier business model for software design.
* Learning how to setup my own linux home server and remote database connection for my project.
* Understanding the importance of syntax especially with mysql language with regards to accessing similar table on different database on the same database server.
* Learning how to use the tkinter and Frame module on python of ui development.
* The importance of planning your project and design before development.
* Understanding project scope creep and how to avoid it.
* Why agile methodology is used in software development processes.
* Understanding the basics and importance of system analysis.
* Understanding the importance of documentation.

SOFTWARE BUGS AND NEXT IMPROVEMENTS

* Transaction history to automatically update without logging in and out
* Can login immediately after creating an account to avoid exiting and rerunning the app
* Cancelling the send money window should not exit the app entirely but take you back to account overview window.

CONCLUSION:

This project was educative and challenging. This has helped in improving my problem solving skills, logically reasoning, creative thinking and overall determination to succeed.

Signed off.

Michael Agonsi.