**PROJECT PROPOSAL**

**PROJECT TITLE:** Banking Software Program 1.0

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**SITUATION/PROBLEM/OPPORTUNITY:**

* Inability of customers to self-manage their funds.
* Difficulty in making transactions with the bank.
* Time wasting going to the bank for transactions.
* Customers not being able to know their account balance.

**PURPOSE STATEMENT(GOALS):**

The purpose of this project is to make banking transaction accessible, easy and fast for customers.

**DELIVERABLES(OBJECTIVES):**

* Smooth GUI/UX experience for users
* Efficient database
* Working collaboration and integration with externals.
* Scalable code for future features add-ons.
* Readable and secure codes.

**SUCCESS CRITERIA:**

* Very secure code and database
* Transaction recorded and updated appropriately
* Account balance access
* Ability to check transaction history.
* Ability to create account and login
* Improved to access and view funds
* Improved fast and quick transactions

**METHODS/APPROACH:**

* Established Use-Case
* Define user requirement
* Select externals for collaboration
* Established coding language and environment.
* Use-case, activity/process, class/object diagrams
* Design software architecture.
* Test and debug.

**RESOURCES:**

* People: 1 individual
* Languages; python and sql
* Time; consistency

**RISKS/DEPENDENCIES:**

* Time consuming.
* Not very secure code or database
* Complexity in project
* Requires extra skill acquisition.

**PROJECT SPONSOR:**

**PROJECT MANAGER:**

**LESSONS LEARNT:**

* Understanding database design and security.
* Importance of securing you code.
* Software architecture and design
* Understanding Software Development Life Cycle.
* Improving UI design skills.
* Understanding and simulating how banks collaborate with other banks