De La Salle University- Manila
Gokongwei College of Engineering

LBYCPA1
Programming Logic and Design Laboratory

Project Proposal

The Bank of Computer Scientist's (BCS) Currency exchange program

c

Bao,Xinlong
Sophia Marquel R. Azul
Christian Joshua R. Abarro

Project Description

In this project, we will be pretending to be the software development team of the Bank of Computer Science. And we were asked to design a software for a machine like an ATM, but for foreign currency exchange, the main function of our project is to make a user interface where we take inputs from the user then finish the foreign currency exchange process automatically with real-time currency exchange rate that is to be extracted from the internet.The program will use 5-10 sets of different currency data.

IPO.

The input of the project will be the inputting amount of currency with the origin,
Process will be to perform the calculations to convert into the desired currency,
while taking 1% of the total to be accumulated every transaction.
output: The amount of desired currency after the transaction.

Methodology

We will have each member to select a part to work on for a week, then combine them if everyone is finished, then debug and test to be done. We will be using modular programming.

Schedule of Activities

Task	Start Date	End Date	Duration
Task 1: Information Extraction from Online Sources	03/17/2023	03/28/2023	11 days
Task 2: Building Conversion System with Downloadable Rates	03/17/2023	03/28/2023	11 days
Task 3: Building User Interactive Interface	03/17/2023	03/28/2023	11 days
Compile all Three Parts	03/29/2023	04/02/2023	4 days
Polishing and Combining Final Deliverable	04/03/2023	04/09/2023	6 days

References

https://www.edureka.co/blog/web-scraping-with-python/
https://www.youtube.com/watch?v=slezYn4YLUs