Dionysus Sale System

Introduction ☒

- The project aims to create a POS software for a computer hardware store that can also be used for online stores. The software will allow customers to place orders and make payments, and will also provide the manager and customers with access to previous transactions.

Background of the study ☒

- Cash registers are commonly used by businesses to compute tax, tips, and discounts
- A Point of Sale (POS) System is used as an alternative to Cash registers to cater to more customers.
- POS Systems can be implemented in both physical and online stores making it great for adaptability.
- POS Systems can save data to the cloud unlike cash registers where you might lose your data
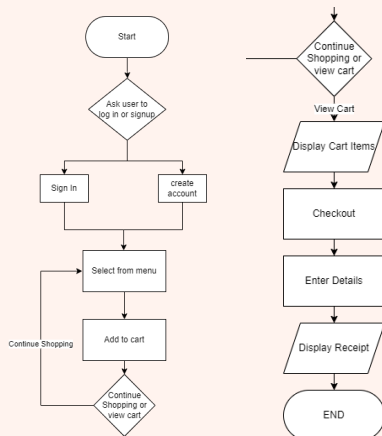
Objectives ☒

General Objectives
- To improve our skills in creating flowcharts and pseudocode.
- To enhance our proficiency in the Python programming language.
- Apply all the relevant concepts and topics covered in the LBYCPA1 syllabus to the program.

Specific Objectives
- Develop a Point of Sale (POS) program for a computer hardware shop.

Methodology ☒

- Flowchart

Results ☒

- The final code is a shopping system which can buy from menu, save and load cart, view transaction history, and save account details, connected to a login system where they are saved in a per account basis.

Conclusion ☒

- by adding new features and functionalities, the point-of-sale system created for the computer hardware store can be improved even more
- The shopping system can be connected to inventory management systems to monitor stock levels and update the database when things are sold