**SE PROJECT**

**INVENTORY MANAGEMENT**

**FLOW OF PROJECT PROGRESS**

All methods and classes are implemented in python. This repository includes the following files.

* Main functionality files:

1. **salesDetails.py:** This file includes all the methods related to Invoices.
2. **warehouse.py:** This file includes all the methods related to Inventory.

* Testing files:
  1. **test\_SalesDetails.py:** All the testcases related to Invoice generation (salesDetails.py) are written in this file.
  2. **test\_wareHouse.py:** All the testcases related to Invoice generation (salesDetails.py) are written in this file.
* Data files:
  1. **Inventory.csv:** This file stores data related to items in inventory.
  2. **Customers.csv:** This file stores data related to customers.
  3. **SalesDetails.csv:** This file stores data related to invoices.

Steps to execute the files:

1. warehouse.py

2. salesDetails.py

Warehouse:

● This option allows the owner to check on products available in the warehouse and add

products to any of the two warehouses.

● We provide the user with 3 different options:

1. To add products to the warehouses - Owner can add products to any

warehouse according to the availability

2. To check the quantity of each product available in the warehouse - Owner can

check the quantity of the products along with selling price and profit

3. To check if there are products less than or equal to 5 - Owner can check if

there are any products whose quantity is less than 5

SalesDetails/Invoice Details:

● Owner can manage invoices by selecting any of the options under the invoice menu as

below:

1. Generate an invoice - Owner needs customer id, selling price of the item

chosen, delivery charges if applicable.

2. Pay an instalment - Owner needs an invoice id and the amount to be paid on

instalment

3. Show open invoices - Owner can check open invoices

4. Close an invoice manually - Owner can close an invoice with a valid invoice

Id.