**Topic: SUPERMARKET POINT OF SALE SYSTEM (POS)**

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* **INTRODUCTION**

System that we will design is based on real life supermarket system that uses input operation for items and outputs its details using a unique identity that is it product ID.

System that we will design will work for flexible amount of items and quantity and will consists of different modes of payments.

* **EXISTING SYSTEMS**

In today’s, world almost in every supermarket or stores POS system is installed in order to enable fair mode of transaction with the cash bill being printed at the end.

* **PROBLEM STATEMENT**

The system currently being used are not able to accommodate more than specific amount of items giving out each and every detail of the transaction. Moreover, some of the systems print out complex bills that makes customers difficult to interpret bills and understand their transactions.

* **PROPOSED SOLUTION**

The system we will design will ensure that the system runs smoothly resulting in quicker transaction. However with more added features the system will enable customers to interpret their bills easily and understand their transactions without any complexity and there is an access for selected persons to modify customer’s data.

* **SALIENT FEATURES**

1. Stock Management.

* Sale/Purchase
* Items Details

1. Transactions.

* Methods of Transactions

1. Customer Service Management.
2. Access to modify bill.

* **TOOLS AND TECHNOLOGIES**

1. Use of Object Oriented Technique.
2. Visual Studio Code.

* **SYSTEM USERS**

1. Cashier.
2. Customer.
3. Manager (Branch).

* Accept
* Reject

**Course Teacher:** Basit Ali **Signature:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_