Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE

DEPARTMENT OF COMPUTER ENGINEERING

**PROJECT SYNOPSIS**

* GROUP ID

SY 2018-19

**NAMES : -** 1)Vinayak Shinde - 222075 - B3

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* PROJECT TITLE

**Super Market Billing System**

* PROJECT OPTION

Internal Department Project

* INTERNAL GUIDE

* **Mrs.Disha Wankhede**
* TECHNICAL KEYWORDS

1. Advanced Data Structure
2. File DS
3. Sequence Algorithms

SYNOPSIS

* PROBLEM STATEMENT

To create an Billing System For a SuperMarket..

* ABSTRACT

The project is on Supermarket Billing. Supermarket is the place where customers come to purchase their daily using products and pay for that. So there is a need to calculate how many products are sold and to generate the bill for the customer.

In our project we have 3 users. First is the data entry operator who will enter the products in database. Second one is the administrator who will decide the taxes and commissions on the products and can see the report of any product. Third one is the bill calculating operator who will calculate the bill and print.

* GOALS AND OBJECTIVES
* “To make software fast in processing, with good user interface so that user can change it and it should be used for a long time without error and maintenance.” Additionally this app gives a facility to ask about the doubt to experts in the fields of C++ programming.
* WORK FLOW

Work in the Supermarket will be done in the following way:

1. The product will come in the store.

2. Data entry operator will enter the information of the product in database.

3. The Administrator will enter the taxes and commissions for each product.

4. The customer will come and take the basket with him/her and choose the product and took it to the counter.

5. The bill calculating operator will check the products with the bar code detecting machine then it will match with product-id then it will show its information and price and the bill will be calculated and total payment will shown.

6. Customer will pay for the products.

7. All the products will be packed and delivered to the customer.

* **Conclusion of Project :**

Our project is on supermarket Billing System. We have successfully completed it. We take this opportunity to express our sense of indebtedness and gratitude to all those people who helped us in completing this project.