

Project Report

Slot 6B, Group 8

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Shopping Stock Management System

Introduction:

This project has been designed for use in all kinds of shops ranging from a small grocery store to a huge supermarket. The data that currently has been fed is for use at a grocery store. It makes stock management at shops a lot easier and provides solutions to various problems currently faced by many shopkeepers. It performs not only billing but also keeps a track of the stock currently available and the number of items sold. Another unique feature of our stock management system is that it maintains a record of the purchases made by regular customers and provides them reward points accordingly. With these points they can avail of special offers and discounts.

One of the useful features of this software is that it keeps a record of the transactions made by a particular employee. This greatly reduces the chances of cheating by the employees.

Progress:

First of all we decided that our project topic would be stock management and billing. We discussed about the number of features that could be added and our limitations. We realised for doing this project we should have a sound knowledge of file and data handling, strings and structures. So we learnt about these topics from different sources and references that were available to us. We made a rough sketch of the various ideas and concepts that would be used in the project on paper. After a lot of discussion we summarised our entire program into four parts:

1. Login and logout
2. Viewing the stock
3. Altering the stock
4. Billing
5. Customer details

We distributed the workload amongst ourselves as follows:

1. Karthik would prepare the SRS and project report. In addition he would write the login and logout functions. He would also contribute in writing the altering the stock and billing functions.
2. Shivam would write the customer details and viewing the stock. And the entire debugging and removing errors and final touch.
3. Anil would do mainly billing and altering the stock.
4. Gunjan would do viewing the stock and altering the stock.

In this entire project we all were together and we had support of each other all the time. Our TA Vaibhav Tripathi also helped us everytime we needed.