

# **Abstract**

The purpose of the Departmental Store Management System (DSMS) is to automate the existing manual system by the help of computerized equipment and full-fledged computer software , fulfilling their requirements , so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

Department Store Management System , as described above can lead to error free, secure , reliable , easy to access and a fast management system. It will help the organization in better utilization of resources. The organization can maintain computerized records and access them without being disturbed by irrelevant information.

The project is successful in performing most of the tasks that are required to function a departmental store. The project includes a billing system where the orders can be manually entered and a bill is generated for the customer which includes tax and the detailed information about the shopping summary. The organization can keep a track of their customers and add new customers. Whenever needed they can look up for a specific customer by putting in some reference. Moreover The Project is successful in keeping a track about all the employees working in the store, the information can be altered, deleted or viewed even for a specific worker. The user can keep an account of the Stock of goods available at the store and can manage things manually.

The aim is to create a single software which can do most of the required tasks of a departmental store. Basically the project describes how to manage data in an efficient manner and access it whenever needed. Additionally it also provides a manual billing system which can be used to obtain a computer generated bill.

## **INTRODUCTION**

The Departmental Store Management system is to generalize and simplify the monthly or day to day activities of Departmental stores. The main objective of the python project on the Departmental Store Management System is to manage the details of the employees , customers , products and inventory and generate/modify bills. The

project is totally built at the administrative end and thus only the administrator is guaranteed the access.

Functionalities provided by the Departmental Store Management System are as follows:

- Provides the searching facilities based on various factors such as price, quantity, inventory and item
- Manages the records about the employees working as well as the customers.
- Integration of all records of products with inventory details
- Printing and performing basic operations required to generate/alter a bill by manually entering in the product details.