PROJECT TITLE :

BOOKSTORE MANAGEMENT SYSTEM

NAME :

JOANN M JOSEPH

XII SCI

REASON :

Today, be it a company, institution or a non-governmental organization, for the smooth running of them all, we need a backup of data, so that vital information can be stored, preserved, retrieved and used as per the requirements. Companies employ what they call computer operators who store and handle the database which stores all necessary information concerning the company. What is much needed is a proper interface which may enable us to handle such systems efficiently. This project entitled “Bookstore Management System” has been developed with an aim to help a bookstore easily manage and handle the data concerning it.

This project contains 8 different modules. The following are their descriptions and functions.

1) Login/Signup module: In this module, the admin can create a new account by entering a username and password or login into an existing account by providing a valid username and password. Upon doing so, the admin is given various options to perform different bookstore management related operations. Both the username and password are stored into the MySQL database.

2) Add books module: In this module, the admin can add a book into the bookstore database by simply entering the Name, Author, Genre, Quantity and Price of the book.

3) Sell Books module: In this module a user can buy any of the available books present in the bookstore by simply entering their name and phone number along with the book that they would like to buy and the required quantity. The price of the book(s) sold is automatically added to the total income of the bookstore.

4) Search books module: The admin can use this module to check whether a particular book in stock by entering its Name, Genre or Author.

5) Staff details module: Using this module, the admin can either, (i) Add new staff into the database, (ii) Remove staff from the database, or (iii) Display existing staff details.

6) Sell record module: This module display the list of books sold along with the user who bought the books. It can also be used to reset the sell history.

7) Available books module: This module displays all the available books present in the bookstore database along with the required information.

8) Total income module: This module will display the total income of the bookstore from the books sold.

This project has been divided into 2 main segments:

1. Creation of the database

2. Operator interaction

MY SQL TABLES-

The tables are listed as follows-

* signup(username varchar(20),password varchar(20)
* Available\_Books(BookName varchar(30) primary key, Genre varchar(20), Quantity int(3), Author varchar(20), Publication varchar(30), Price int(4))
* Sell\_rec(CustomerName varchar(20), PhoneNumber char(10) unique key, BookName varchar(30), Quantity int(100), Price int(4), foreign key (BookName) references Available\_Books(BookName))
* Staff\_details(Name varchar(30), Gender varchar(10), Age int(3), PhoneNumber char(10) unique key, Address varchar(40))