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| **SEMESTER** | | | **Spring** | **BS (CS) 3B** | | **2020** |
| **TITLE OF PROJECT** | | | | | | |
| **BOOK SHOP MANAGEMENT SYSTEM** | | | | | | |
| **Group Members** | | | | | | |
| **S#** | **Student(s) Name** | | | | **Registration Number** | |
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| **EXECUTIVE SUMMARY OF PROJECT PROPOSAL** | | | | | | |
| Book Shop Management is the computerize application to automate all kinds of activity in the book shop. The main aim of this is to manage the books in the book store. It can also manage the order processing, stock management and accounts management. This project is very helpful for maintain the records of sales, purchase and staff records. This project Book Shop Management System which has the type system which provides the facility to the customers of the shop to purchase the books from the shop without any problem. This system keeps all the record of books, receipts, sales and stocks.  In this project there will be some restrictions on the information for customer and staff as well. The staff will not have the access to update the stock as updating the stock can performed by the admin and the customer can only check the stock. When customer enters the shop he/she will first check the stock, that the book which he requires is available or not. If the book is available then the customer will go and take that book with the help of isbn number of the book. The customer will then carry all the books to our staff which he/she wish to buy. The staff will issue all that books to the customer and at last he/she will pay the bill and get the slip.  The main purpose of the project is to have an automated system for customer dealings as well as for the stock. This automated system will result as an accurate system without any errors. The customer will also be provided the best services as regarding to stock and customer representative.  When the bookshop issues an item to a customer, all the stages of the transaction procedure will be facilitated by the system & it will be more accurate. | | | | | | |
| **PROJECT PURPOSE, SCOPE AND OBJECTIVES** | | | | | | |
| The Bookshop Management System is to automate all operations in a bookshop. Generally it includes the Order Processing, Stock Management and Accounts Management.  Here we are try to develop such type system which is provides a system to manage all the operations of bookshop. That means a shop which has the type system which provides the facility to the customers of the shop to purchase the books from the shop without any complexity.  For example any customer wants to purchase any book from the shop than first of all customer just choose the stream of the book than he/she can see the more than one type of books there and then he/she can choose the specific book from there. And then purchase it by paying price on bookshop cash counter and receives its invoice. | | | | | | |
| **PROJECT DESCRIPTION (most important part)** | | | | | | |
| The Book Shop management system is to provide a relief to the staff, management and as well as customers also by using computer application and database. Computer application and utilization can be seen in almost all working areas. Computer has easier for men as all those hectic tasks, once done by the man, have been taken over by computers. This has reduced time consumption by manual procedure to a very high level. Besides this, there is always a very low risk of error; inconsistency and loss of information in computer operate calculations and computer driven procedures. Although there are certain computer disadvantages of computer usage as well, such as inefficiency due to loss of data accidently, need for having skilled labor that is computer literate people and expenditure upon computer and its accessories , which make it expensive. But these problems can be rectified by using various techniques or strategies and taking different measures and, thus computer can never be compromised for its services to the mankind.  Computer’s database system has become more popular in this regard. Due to more functionality and support offered by computers, almost all organizations and institution prefer to use computer in order to maintain their databases.  According to the above facts, managing and maintaining a book shop could also be controlled by efficient software. This project focuses attention on designing efficient and reliable software which controls the transactions and stock of a bookshop.  When we are concerning the manual process of a bookshop, the major problem is the waste of time. A customer has to waste his/her valuable time when he needs to buy a book as all the events such as searching, purchasing are done by members of the staff .In briefly, the manual process is very slow. But automation will reduce the time taken in the whole process.  In this project there will be some restrictions on the information for customer and staff as well. The staff will not have the access to update the stock as updating the stock can performed by the admin and the customer can only check the stock. When customer enters the shop he/she will first check the stock, that the book which he requires is available or not. If the book is available then the customer will go and take that book with the help of isbn number of the book. The customer will then carry all the books to our staff which he/she wish to buy. The staff will issue all that books to the customer and at last he/she will pay the bill and get the slip.  The main purpose of the project is to have an automated system for customer dealings as well as for the stock. This automated system will result as an accurate system without any errors. The customer will also be provided the best services as regarding to stock and customer representative.  When the bookshop issues an item to a customer, all the stages of the transaction procedure will be facilitated by the system & it will be more accurate. | | | | | | |
| **TEAM PROFILE** | | | | | | |
| * Ali Fawad Hassan (programming and documentation) * Basil Aslam (programming and documentation) | | | | | | |
| **ASSUMPTIONS AND CONSTRAINTS** | | | | | | |
| We are assuming an automated system to provide better services to customer and to have an accurate record regarding stock and customer dealings. The project budget is very low as there will be no existence of any physical material. In project we will be using Visual studio software and C++ programming language throughout our whole project. | | | | | | |
| **PROJECT DELIVERABLES NOT CHANGEABLE** | | | | | | |
| **Deliverables include**   * Software Project Proposal. * Project progress * Project report * Team members work, as per their contribution, you should have to be honest with your future. | | | | | | |
| **Time Line** | | | | | | |
| |  |  |  | | --- | --- | --- | | **ITEM** | **DATE** | **SIGNATURE** | | Group Member Names |  |  | | Project title |  |  | | Project Proposal + classes name |  |  | | Project Structure Diagram + Data Sample |  |  | | Project Prototype |  |  | | Project Review 1 |  |  | | Project Review 2 |  |  | | Project Submission |  |  | | | | | | | |

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| **For Teacher Use Only** |

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| **REMARKS** |
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| **Course Teacher** |  | **Signature** |  | **Date** |  |
| **Name** |  | **Signature** |  | **Date** |  |