NIELIT

ON LINE SHOPPING SYSTEM

A Level

Submitted by :-

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**Abstract**

Customer satisfaction is the key to success for any business. In a Student, the traditional hand-waving method was inefficient often leading to many complaints. After an information gathering process from several on line shopping managed by manual and computerized systems, I saw that the Students indeed needed a computerized management system. The On line shopping Management System increases operational efficiency and a statistical data processing unit. A data processing unit allows managers and owners to easily monitor Student and employee progress. After a close analysis of samples collected during the problem definition stage the analyst found that all the hardware and software requirements needed for implementation and maintenance of the system are readily available in the market and cheaply affordable by the Student. The system as carefully designed to ensure maximum efficiency of the system at the Student The system was skillfully and carefully coded to seal any possible loopholes in the system. This system will indeed help the Student Admission and the esteemed staff members to manage and steer the Student’s functionality and transactions to realize its maximum potential.

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*INTRODUCTION*

The topic has to be selected is the **Online Shopping System**.

The On line shopping Management System is Graphical User Interface (GUI) based package. The various activities of a on line shopping have been tried to represent in tabular form using MYSQL as the back-end tool and the coding has been in Microsoft PHP as the front-end tool.

The total system also have been tried to depict in the form of Context Diagram, Data Flow Diagram and Entity-Relation Diagram. The system specification, different methods employed such as ADO and advantage and use of database have also been described. The project tried to provide all aspect of functions of a on line shopping. It has also been provide with a menu driven utility for users so that they can easily run it according to their concern.

*OBJECTIVE AND SCOPE*

**OBJECTIVE :-**

Computers are used widely nowadays in each and every sphere of life. Computer makes work easier and less erroneous . Hence the computers , thus setting the trend of fast automation , are now replacing most of the manual systems involving heavy calculations and accuracy.

The main objective of the project is to develop a software named “**ONLINE SHOPPING SYSTEM**” to computerize the works of a power distribution company which would organize their works properly and keep their records in proper order. The software is developed to take care :

**1 >** Maintaining the records of different doctors, patients and their corresponding

information .

**2 >** Maintaining the details of each and every department .

**3 >** Maintaining patient’s payment process.

4 **>** Maintaining patient’s invoices.

**5 >** Handling various type of quarries.

6 **>** Providing report for management.

## The main objective is to design and develop a computer database so that it will be easy to retrieve, Update and manipulate the records of different patient, doctor as well as nurse. The purpose of the project is to create a user friendly on line shopping information system to facilitate decision making. If the information user wants do not exist in database, he/she can easily make entry in the database. To allow user to extends the project as much as he/she wants. The system should have flexibility to the future needs like introduction of new records of patient, doctor etc. The basic need for the On line shopping Management System project is to increase working efficiency, eradicating errors and saving time.

**SCOPE :-**

The project “**ONLINE SHOPPING SYSTEM**” aims at providing different Nursing Homes a universal software for maintaining their various database like patients, Doctors, invoice , payment etc and corresponding information and includes patients details, Doctors details, patients payment process, different query handling associated with the system. It will greatly increase the performance of the concerned personnel and render the uphill task of maintaining the consistency in its various databases very easily. Manual work would be reduced to a great extent , though not fully eradicated , and several reports would be auto generated so as to help the management in their decision – making regarding the various aspects of the market.

The computerized Online shopping Management System has a vast scope. The “**NURSINGHOME SYSTEM**” to be developed may be used in different On line shopping, Nursing Home and other Health Centre. This is possible for any

Person to operate this software.

The goal of this project is to manage the huge doctor, patient etc. database as well as to make the optimum use of the available resources.

The project can be extended to provide limited access to various persons so that some person can only view the database while others, who are authorized persons can make modifications to it.

However , I admit that I have merely unraveled the tip of what is an iceberg in its scope . The major aspects have been covered and the intricate detailing could have been handled with more viability, but owing to the platform and time requirement some of the desired work could be complete.

**THEORETICAL BACKGROUND**

## DATABASE DESIGN

Record-based logical models are used in describing data at the logical and view levels. In contrast to object-based data models, they are used both to specify the overall logical structure of the database and to provide a higher-level description of the implementation. Record-based models are so named because the database structure is fixed-format of several types. The use of fixed length record simplifies the physical-level implementation of database.

The relational model uses a collection of tables to represent both data and relationship among those data. Each table has multiple columns and each column has a unique name. A row in a table represent a relationship among a set of values.

**WHAT IS DATABASE?**

A database may be defined as a mechanized, centrally controlled collection of all operational data about related entities of an organization where the data are physically organized and stored in such a way that the features- shareability, availability, resolvability, integrity, security and data independence are achieved.

In order to achieve the goals of a database it is obvious that in an enterprise with a database system there should be some identifiable person who will bear the main responsibility for the operational data, the person is called a Database Administrator (DBA).

**WHY DATABASE?**

To some extent the answer to these questions depends on whether the system in question is single or multi-user? Here the database is so small and so simple that the advantages might not be very obvious. The primary goal of a DBMS is to provide as environment that is both convenient to use in retrieving and storing database information.

Database systems are designed to manage large bodies of information. The management of data involves both the definition of structures for the storage of information and the provision of mechanisms for the manipulation of information. In addition, the database records are stored in various files and different application programs are written to extract records from and to add records from and to add records to the files.

### **ADVANTAGES OF USING DATABASE**

#### There are many advantages of using database. The main advantages are mentioned below:-

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#### **Redundancy can be reduced –**In non-database system each application has its own private files. This fact can often lead considerable redundancy in stored data, with resultant waste in storage space. Sometimes for various business or technical reasons for maintaining several distinct copies of the same stored data. Any such redundancy should be carefully controlled.

#### **Inconsistency can be avoided –**Inconsistency can occur when the same subject is represented by two distinct entries in the stored database. Supposing that the database manager is not aware of the duplication and the two entries have not been regularly updated. At such time the database is said to be inconsistent. An inconsistent database can supply incorrect information to its users. If the said factor such as the duplicate or redundant entry is removed then such inconsistency can be avoided. Alternatively, if the redundancy is not removed but is controlled, then the database management system can guarantee the consistency of the database. This can be achieved by updating both the entries simultaneously.

#### **Sharing of data -** Sharing means not only the existing applications can share the data in the database, but also that new applications can be developed to operate against the same stored data. It also might be possible to satisfy the data requirement of the new application without having to create any additional stored data.

#### **Maintaining standards –**The centralization of data in their stored procedures under a Data Base Administrator can ensure that all applicable standards are maintained in data representation. Applicable standards can include all from corporate, industry departmental, installation to national, international standards. Maintaining standards can help in data interchange between different systems.

#### **Maintaining data integrity –**The problem of data integrity is to ensure that the stored data is accurate. The difference of information as a matter of fact regarding two entries that are believed to be of the same subject is inconsistency and this leads to lack of integrity. The particular problem can arise only if redundancy exists in the stored data. Even without the presence of redundancy, the database can still contain incorrect information. The Data Base Administrator can avoid this problem by defining integrity rules, which has to be checked or maintained when update operation is to be carried out. Data integrity is even more important in the multi-user database system because of the sharing of data.

#### **Maintaining data security** –The Data Base Administrator having full authority over the data of an organization can ensure that the means of accessing data by any authority of the concerned organization has to be through the proper procedures and credentials. It can formulate rules and regulations to check access of data regarding sensitive matters and also restricting the same against unauthorized personals. It has also the authority of channeling data to those only concerned with it.

#### **Maintaining balance between requirement** –The Data Base Administrator having the overall knowledge of requirement of the organization can define his own system or restructure the existing system in such a manner that it can provide the best service to the organization. With this service he can avoid conflict regarding data demand and also maintain data independence.

#### Keeping organizational information in a final processing system has a number of major disadvantages :

#### **Data redundancy and inconsistency** –Since different programmers create the files and application programs over a long period, the files are likely to have different formats and the programs may be written in several programming languages. Moreover the same information may be duplicated in many files. This redundancy leads to higher storage and access cost. Also it may lead to data inconsistency.

#### **Integrity problem** –The data values stored in database must satisfy certain types of consistency constraints. Developers enforce these constraints in the system by adding appropriate code in various Application programs. However when new constraints are added, it is difficult to change the programs to enhance them. A DBMS should provide capabilities for defining and enforcing these constraints.

#### **Atomicity problem** – A computer system, like any other mechanical or electrical device, is subject failure. In application, it is crucial to ensure that once a failure has occurred and has been detected the data are restored to the consistent state that existed prior to the failure. It is difficult to ensure this property in a conventional file processing system.

#### **Concurrent access anomalies** – For the sake of overall performance of the system is improved and a faster response time is possible, many systems allow multiple users to update the data simultaneously. In such case, interaction of concurrent updates may result in inconsistent data.

#### **Security problem** – Notevery user of the database system should be able to access all data. For example, in ON LINE SHOPPING MANAGEMENT SYSTEM, the on line shopping authority need to see only the part of the database that has information about the patient payment structure. They do not to need to access to information about patient details. Since application programs are added to the system in ad hoc manner, it is difficult to enforce such security constraints.

**Why we use MY SQL?**

ORACLE corporation offers a true relational DBMS. The Oracle database

gives many Advantages as follows :

1. A database structure is easy to visualize and understand.
2. The ability to create any number of temporary relationship between tables.
3. Freedom from concerns about how to query the database, through the use

of SQL.

1. Relational joins that provide temporary sets of data from tables in the model.

**WHAT IS ODBC ?**

Open Database Connectivity(ODBC) Provides a standard interface that allows

one application to access many different data sources. The source code does not have to be recompiled for each data source. A database driver links the application to a specific source code. Database driver is a dynamic link library that an application can invoke on demand to gain access to a particular data source. A library of ODBC function calls that allows an application to connect to a data source, execute SQL statement and retrieve results. Microsoft’s ODBC industry standard data access interface continues to provide a way to access relational data as part of the OLEDB specification. OLEDB includes a bridge to ODBC to enable continued support for the broad range of ODBC relational database drivers. The MS OLEDB provider for ODBC leverages existing ODBC drivers, ensuring fast access to database for which an ODBC driver exists. OOLEDB is a strategic system – level programming interface to access data through out the organization. It encapsulates various DBMS functions that enables the creation of software components implementing such services. OLEDB components contains data provider, data consumer, service components.

DEFINITION OF PROBLEM

Here I am going to discuss the problem of manual **ON LINE SHOPPING MANAGEMENT** **SYSTEM.** The problems are as follows :

1. **Record Availability Problem –**

In this system when queries are asked about room availability, the persons working in the enquiry has to negotiate registers to provide the information needed and it can be quite time consuming. This problem can also be faced in relation to advanced booking or emergency booking etc.

1. **Billing Problem –**

In this system when billing procedures are to be maintained, it has often been observed that problem arises while keeping track of patient expenses and also during updating billing records. This problem is related with patient admission, charge, test etc and other related thing which are required to maintain on line shoppings expenses.

1. **Difficulty In On line shopping Activity Record –**

If the management want some information about improving the functioning of different departments and make amendments in their functioning, it become quite a problem to provide all those information to the management without wasting a lot of time of those working in the concerned departments and the management as well.

1. **Problem In Making Reports Against Management Query –**

For manual system it is difficult and tiresome work to find proper answer of all the queries of Management. Suppose Management wants to know the current status of all the patients of the on line shopping, it will be then a laborious job to do.

# PROPOSED SOLUTION

To find out solution to the raised problem during the current ON LINE SHOPPING MANAGEMENT SYSTEM, different software is developed to eliminate the drawbacks of the current system.

1. **Solution Of Room Availability –**

In computerized On line shopping Management System, different tables are maintained which provides all the information about vacant room, room code, from bed number to bed number in a room etc. These table help in quick update of room details and providing proper information to search the any patient’s details and saves a lot of time.

1. **Solution To Billing Provision –**

In computerized On line shopping Management System, the bill formats are developed in software which greatly reduces the work load of the billing personals. The format bills contain all the options or services provided by the on line shopping to its patient and its also calculate the total charge that the patient has to pay to the on line shopping. Thus the software used for billing can provide fast services to patients thus saving a lot of time and also make the task less complicated.

1. **Solution To On line shopping Activity –**

In computerized On line shopping Management System, queries asked by the management about information to improve the functioning of the on line shopping can be easily provided to the management in a short notice by the concerned authorities. The informations are stored in such a manner that they can be easily retrieved without accessing any other information.

1. **Solution To Report Making To Management –**

In computerized system reporting making such as those can be done in quick time. It has become possible only because of financial packages associated with the software and occupying a separate domain in the system and can be accessed only by authorized personals.

# SYSTEM ANALYSIS FOR USER REQUIREMENT

System analysis is a detailed study of the various performed by this system and their relationship within and outside of this system. Now one aspects of this analysis is defining the boundaries of the system and determining whether and how this system is interacting with the other related system. During this analysis stage, data are collected on the available files and decisions points, transactions involve in the current system are noted. Now analyzing the minutes of discussion with the clients and summarizing the problem. I am going to analyze the following user requirement as they face a lot of problem to operating **THE ON LINE SHOPPING MANAGEMENT SYSTEM.**

In modern world computerized systems are used almost everywhere. The last couple of years have witnessed an upsurge of interest in computer system. Clear evidence of this is to be found in an unprecedented growth in the software. Now lots of software are found for various works like graphics software, banking software, voice recognition software etc.

Software has its own strength depending on the power of the programmer. The presented software is concerned with **ON LINE SHOPPING MANAGEMENT SYSTEM**, which can be used in any on line shopping………

In modern times faster lifestyles requires the job to be done quickly and it is hard enough to do that job without the aid of the computer. So much of the software are now found in the market to solve the problem. In fact, high-speed digital computer is one of the reasons for the recent growth in software.

The level of presentation is appropriate for **ON LINE SHOPPING** **MANAGEMENT SYSTEM** in this project. The software is made so that it serves all the necessary requirements by **THE ON LINE SHOPPING MANAGEMENT** to the on line shopping. They will not face any complication working on this software. The interface is very user-friendly and soothing to their eyes. They have to know only the details about the patients and putting them in the appropriate place is enough to store their information. The rest of the computations will be handled by the software itself. They need not worry about the complicacy transactions. So in a limited time span the output is very high. This is the target of this project.

**PROJECT MODEL:**

***The linear or WATERFALL CYCLE :-***

### **The development of this project is done on the basis of waterfall cycle .**

### **A brief description of the model are as follows :-**

The linear or waterfall cycle is a development process that centers around planned work and is best suited for projects where the requirements can be clearly defined . The linear cycle groups development activities into a sequence of consecutive phase as shown in the figure which depicts the major phases concepts formation system requirements definition system design and development. It also includes installation and post-installation activities that usually follow the completion of development . Each phase itself is made up of more detailed activities . Testing proceeds is parallel with the major phases . a broad test strategy is defined at the time of system requirements are identified Detailed test design takes place during system design and testing is apart of the development phase . Each phase is sequence can only commence after the previous phase has been completed. Each phase produces one or more models or product in later phases . The models become part of a phase report which describes what has been achieved in this phase and outlines a plan for the next phase . The report also I include any models new or expanded user requirements design decisions and problems encountered. This information is used at the next phase . Phase reports are also used to keep management informed of project progress so that management can use the reports to change project direction and also allocated resources to the project . The models produced in the different phases serve as important communication tools with communication progressing from the usage to the implementation worlds. Thus as describe concept formation produces a statement of requirements predominantly in user world terms. The system specification definition produces a system specification that is usually made up of three models : a requirement models in user terms a subject world model of the system and abroad system level specification. Design produces a design specification in system world terms whereas development produces the implemented system modules .

Linear cycle phases are chosen to encouragement top down problem solving . Designers must first define the problem to be solved and then use an ordered set of steps to reach the solution. The linear cycle gives the project direction and provides guidance on what should be done as the project proceeds . It is integrated with the management process through reports on the project status and keeping track of resource needs.

# SYSTEM ANALYSIS :-

System Analysis focuses on the functions performed in the problem domain and the data consumed and produced by these functions. A Data Flow Diagram (DFD) is one of the tools for System Analysis and shows the flow of data through a system (through procedural information is not shown ). A system basically involves a series of input to derive a series of outputs vide some varied transformation , depicted diagrammatically in DFDs . The process (or bubbles) in the DFDs are shown by named Circles and Arrows entering or leaving the bubbles represented data flows . A rectangle represents a source or sink and is a net originator or consumer of data . DFDs are usually hierarchically organizes , which helps in progressively portioning and analyzing large systems.

DFDs not only shown the data flow from the process to another in the system but also depicts the binding of the various sub modules within the system with due weights to the inherent checks which serve as the validation stages in between the processes of the system . Based on the above theories , the DFDs of the *On line shopping Management System* are drawn .

## DATA AND FACT GATHERING TECHNIQUE :-

The specific method that is used for collecting data requirements is called fact-finding techniques. These include interviewing , questionnaire and examining the present report to trace its data source . More than one of these techniques is employed to ensure an accurate and comprehensive investigation. The various tools used in the Systems Analysis Stage to gather data: **-**

### INTERVIEWING :-

This is the most common method of gathering information from current and potential user of this system . Interviewing is a continuous process that is used by the analyst to gradually build a model of the system and gain understanding of any problems . Based on the current organizational structure an interview plan is prepared as follows :

The user to be interviewed ,

The sequence in which the users to be interviewed and,

Interview plan for each user.

## GROUP COMMUNICATION :-

This is obtained by communicating with the group through a set of questions with probable answers.

#### RECORD REVIEW :-

Examining the present records and reports provide me with valuable information about organization and operations. In record reviews, information that has been recorded about the system and users is examined. Record inspection can be performed at the beginning of the study , as an introduction, or later in the study as a basis for comparing actual operations with what the records indicate should be happening . The records can help analysts understand the existing system by familiarizing them with what operations must be supported and with formal relations within the organization.

#### SITE VISITS :-

# Sometimes existing documents and facts collected through interview and questionnaires do the provide information regarding some aspects of the system which the system analyst must know for effective analysis and design be visiting the place where the system is to be installed. The maxim “Seeing is believing” also suggests this point ; because many exaggerate some facts or do not elaborate the requisite facts , with a physical inspection of the site may reveal

**SYSTEM DESIGN: -**

The most creative and challenging phase of the system life cycle is the System Design. The term design describes a final system and the process by which it is developed. It refers to the technical specifications (analogous to the Engineers blue print) that will be applied in the implementing the proposed system.

The steps involved in Systems Design phase are:

bd10267_ To determine how the output is to be produced and in what format.

bd10267_ Input data and Master files (database) have to be designed to meet the

requirements of the proposed system.

bd10267_ The operational (processing) phases are handled through program construction

and testing including a list of the programs needed to meet the system’s

objectives and complete documentation.

bd10267_ Details related to justification of the system and an estimate of the impact of the

proposed system on the user and the organization are documented and

evaluated by management as a step toward implementation (approval of

steering committee is a must).

##### The final report compresses of : -

Procedural flowcharts

Record layouts

Report layouts

Hardware facilities needed and their estimated cost

# Program specifications

Operating procedures and documentation

Security and auditing procedures

User Requirements: -

Once our analysis is complete, it is necessary to prepare a proposal. The proposal itself may be long and detailed or relatively short, depending on the size and importance of the project. The proposal will include various kind of information, but it must be presented in a form of that clearly specifies the advantages of the project to the organization and its users. It must be clear and precise and specify the goals. It must stress the advantages it will bring to the organization and the improvements that will be made once the new system is in place.

So in my project after considering the problem of the user that they are facing a lot in the introspective interests in the system I am going to find out the requirements of them.

Proper maintenance of the entire database.

Proper admission system.

Accurate updating.

Proper reports printing.

All sorts of proper information can be provided.

Authority’s requirements can be fulfilled.

SYSTEM PLANNING

The system is planned using the program Evaluation and review technique. The following table shows the estimated time of the different phases of the Project Development Process .

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Activity | Phase | to  (Hours) | tm  (Hours) | tp  (Hours) | te  (Hours) | Preceding Activity |
| A | System Analysis | 20 | 26 | 34 | 26.33 | - |
| B | System Design | 30 | 38 | 44 | 37.33 | A |
| C1 | Detailed Design | 95 | 110 | 140 | 112.5 | B |
| C2 | Coding | 130 | 150 | 165 | 149.11 | C1 |
| D | Debugging | 90 | 100 | 130 | 103.33 | C2 |
| E | Unit and Integration Testing | 10 | 14 | 18 | 13.67 | D |
| F | Validation and System Testing | 10 | 12 | 16 | 12.67 | E |
| G | Fine Tuning | 10 | 11 | 12 | 11.33 | F |
| H | Implementation | 10 | 11 | 12 | 11.33 | G |
|  | Total Time | 405 | 482 | 571 | 477.66 |  |

Where

- *to* is the smallest possible duration to complete the activity if everything goes well ,

- *tm* is the normal duration required to complete the activity.

- *tp* is the longest duration required to complete the activity if everything goes wrong.

*- te* is the estimated duration of the time needed calculated from the above time estimates using the formula :

*te = (to + 4tm + tp )/6*

From the above estimation the project development will need approximately *478 hours* . Working *five hours a day* it will take around *95 Days* to develop the project . The Program evaluation and review Technique or PERT is the most widely used in project management. The objective of the project management can be described in terms of a successful project , which has been finished on time , within the budgeted cost and technical specifications, which satisfy the end users . Scheduling requires the detail of starting and completion dates for each activity. A fundamental ingredient in PERT is the use of network systems as a meaning of graphically depicting the current problems or proposed project . When a network is being constructed, certain conventions are followed to represent a project graphically , for it is essential that the relationship between activities and events be correctly depicted. Before illustrating the network representation , it is necessary to define some of the key concept.

**NETWORK DIAGRAM (PERT CHART)**

**( CORRESPONDING TO THE ABOVE TIME ESTIMATION)**

**D**

**A B C1 C2**

**E**

## H G F

From the above network diagram it is clear that all the activities comes under critical path. This is because there are no parallel activities expect coding and debugging .The delay in any one of the activities will cause delay of the entire project development . The shortest path in the network is called the critical path . Identifying the critical path is of great importance as it determines the duration of the entire project . Every network has a critical path . It is possible to have multiple critical paths , if there are ties among the shortest path .

**So the critical path is:-**

**START ->1->2->3->4->5->6->7->8->9->10-> END**

DURATION (DAYS): 5+7+22+30+21+3+3+2+2 = 95 DAYS.

DEVELOPMENT SCHEDULE DATES DERIVED BY THE ABOVE PERT CHART:-

|  |  |  |  |
| --- | --- | --- | --- |
|  | Development Activity | Start Date | End Date |
| 1. | System Analysis | 18-01-17 | 23-01-17 |
| 2. | System  Design | 23-01-17 | 31-01-17 |
| 3. | Detailed Design | 31-01-17 | 22-02-17 |
| 4. | Coding | 22-02-17 | 24-03-17 |
| 5. | Debugging | 24-03-17 | 14-04-17 |
| 6. | Unit & Integration Testing | 14-04-17 | 17-04-17 |
| 7. | Validation & System Testing | 17-04-17 | 19-04-17 |
| 8. | Fine Tuning | 19-04-17 | 22-04-17 |
| 9. | Implementation | 22-04-17 | 24-04-17 |

# SYSTEM IMPLEMENTATION

The implementation phase is less creative than system design . It is primarily concerned with use training , site preparation and file conversion. During the final testing , user acceptance is tested .

After the installation of the new system has been done , the users were given a detailed demonstrations of the system and were trained how to handle the system efficiently . Every screen was shown to user and was described to them .

The user also participated in a detail discussion of the project , their liking and disliking. There were also a detail discussion about the different input types that are to be entered and how to handle various controls.

After the completion of the training period , the users were requested to handle the system and test the system using some data, or the data that were handled using the previous system.

This type of system testing checks the readiness and accuracy of the system to access , update and retrieve data from new files using old data. After successful running the new system executes parallel with the old system.

##### For my project it is needed to implement a front end and a back end front end with which a user can interact with the system and a back end i.e.

Where the database can be stored . Database of the market’ details , payment collection files details . So in my project I have used the operating system Windows 7 . So for storing data , which is entered from the front end , I have used a centralized database system in SQL server 2008 . This database can be accessed and manipulated by the system user through the front end. I have designed the front end , by VB.C# so that user can easily interact with the system. To connect the front end with the back end i.e. VB.C# with SQL server 2008, to store the data I have used the ADO Data control, known as ADODB For producing reports Data Environment is also used to connect the front with the back end .

DETAIL OF HARDWARE AND SOFTWARE IS USED

In order to make this software up and running there is some bare minimum necessities desired in the target computer. The necessities are listed below accordingly :

## HARDWARE USES: -

1. Intel Pentium IV processor 2.4GHz or above configuration
2. 128 MB of main memory
3. 60 MB of free hard disk space or above for installation
4. 52X CD-ROM drive for installation
5. 15” or bigger color monitor
6. mouse
7. standard 105 keys keyboard

## SOFTWARE USES: -

1. operating system – Microsoft Windows ‘98/ME/2000/XP/7
2. PHP

## DATABASE REQUIREMENTS: -

1. MY SQL

## Software Used -

**WINDOWS 7 : -** This is undoubtedly world’s most popular and easy to use Operating system for desktop computers and I have no exception.

**PHP : -** I always wanted to build 32 bit windows application and I think PHP is the easiest way to build it. From the day of its inception, PHP has turned from a tiny and limited programming tool to a robust Windows application development environment. The most exciting feature of it is the easy of use with point and click operation. The GUI features of PHP can be used in many ways. There are also other goodies like very short SDLC, yielding to better productivity with less effort.

**MY SQL : -** While deciding on database platform, I was looking for a RDBMS system, which can be used with ease and can be maintained without much effort. The RDBMS should also widely available. But the main criterion was that the created database should be portable enough. I selected over many available RDBMS software, but at last I found MY SQL. And lately I decided on Oracle due to its database security. Through my project was not network enabled and is developed as Personal edition and the security is not as strictly maintained as in network edition. But in future, I can extend my project in network using network version of MY SQL. Then I can get the benefit of it.

**WHY USING THIS SOFTWARES?**

**Why Windows 7?**

Microsoft Word 2010 is a program that helps to create neat and attractive documents easily and quickly. Features like spell and grammar check, easy insertion of new sentences and paragraphs in the already entered text, page numbering, etc., make the functioning of a word processor easier, faster and more accurate.

Microsoft Word also allows changing the appearance of the text and organizing the information in the document in a systematic manner. Changing the font sizes, styles and colors, can change the appearance of the texts. A document looks more organized if we add page numbers, page borders, headers and footers at the top and bottom of a page to display useful information. Word also allows presenting the information in the document in a tabular form, i.e. within tables.

After finishing the formatting of the document, we can take its printout. Word also allows previewing the document before printing . Along with these features, Word also supports different kinds of shapes to be drawn on the documents. It also supports hyperlinks, which makes it suitable to be used in creating help files. That is why I have decided to prepare my documentation and the help file in Microsoft Word 2010.

###### Why database programming: -

Databases and database systems have become an essential component of everyday life in modern society . In a course of a day , most of us encounter several activities that involve some interaction with the database. For example, if we access a computerized library catalogue to search for a bibliographic term ; if we go to the bank to deposit or withdraw funds ; if we make a hotel or airline reservation ; or if we order a magazine subscription from a publisher , chances are that our activities will involve someone accessing a database .

A database is a collection of related data that can be recorded and that have implicit meaning . A database has the following implicit properties :

A database represents some aspects of real world are reflected in the database.

A database is a logically coherent collection of data with some inherit meaning

A random assortment of data cannot be referred to as a database.

A database is designed , built and populated with data for a specific purpose . It has an intended group of user and some preconceived applications in which these users are interested.

A database may be generated and maintained manually or it may be computerized . A computerized database may be created and maintained either by a group of application programs written specifically for that task or by a database management system.

A database management system (DBMS) is a collection of programs that enables a user to create and maintain a database . The DBMS is hence a general-purpose software system that facilities the process of defining , constructing and manipulating database for various applications. Defining a database involves specifying the data types , structures and constrains for the data to be stored in the database is the process of sorting the data itself on some storage medium that is controlled by the DBMS. Manipulating a database involves such functions as queering the database to retrieve the specific data , updating the database to reflect changes in the real world , and generating the reports from the data . It is not necessary to use general-purpose software. We could write our own set of programs to create and maintain the database, in effect our own general purpose DBMS software.

###### Objective of Database management :-

The main motivation for designing a system to manage a database is the ability to share data. Data is considered as an important resource of an organization to be shared by a number of applications. Data is collected , validated , protected, logically organized and stored with controlled redundancy . It should be always kept in mind that the data is not only to be used for a number of current applications but it has to serve also future applications. The flexibility of accommodating new requirements enables one to meet the cardinal principle of information system design : The system should be built to accommodate changing needs. Data independence is an essential requirement to enable the design of application programs independent of the physical format , storage and access of data . If an application program needs information on where data is stores and how it is accessed , then any changes in

data location and access method will require changes in the application program too. The application program must be recompiled and maintained. As the need of an organization is bound to change, the format of data and storage systems will also change to accommodate new data there by affecting all application programs.

An integrated Database management system has the following advantages :-

* **Controlling redundancies and inconsistency:**

In non-database approach each applications has its own private files. This fact can also lead to redundancy in stored data because each user group maintains its own file for handling its data processing applications. The redundancy in storing data in multiple times lead to several problems. First, there is a need to perform a single logical update , i.e , for one add/ modify/ delete it has to be recorded for different user’s group files. Second , storage space is wasted when same data is stored repeatedly and this problem may serious for large database. Third , files that represent the same data may become inconsistent. This inconsistency is an outcome of redundancy. In the database approach , this inconsistency can be avoided . For consistency ,we should have a database design that stores each logical data item . However , in some cases , controlled redundancy may be useful for improving the performance of queries. By placing data all the data together, we do not have searched multiple files to collect this data . DBMS should have the capacity to control the redundancy so as to prohibit inconsistencies among the files.

**♣ Restricting unauthorized access:**

When multiple user share a database, it is likely that some users will do not be authorized to access all information in the database . For example , financial data is often considered confidential, and hence only authorized person are allowed to access such data. In addition, some users may be permitted only to retrieve data , whereas others are allowed both to retrieve and update . Hence, the type of access operation retrieval or update must also be controlled. Having complete jurisdiction over the database, the DBA assure that the only means of accessed to the database is through the proper channels and hence can be define can be security rules to be checked whenever access is attempted. Different rules can be established for each type of access to each piece of information in the database.

* **Data independence :**

In no database approach the data in files and the applications, which use the data , are interdependent . Thus any changes in data structure or storage structure and access strategy will necessitate a changes in the applications even when the purpose of the application remains unchanged. Thus programmers are to be involved in modifications activities whenever record structures in file are expanded . Changes in record structures, or storage structures or access strategy are inevitable because requirements in business organization changed frequently for making corresponding changes in applications. So it is desirable that applications should remain immune to change in data structures, storage structures, or access strategy. In database approach separating data from the programs that use it and thus making the data sharable by different applications can achieved data independence.

**♣ Enforcing integrity constrains :**

The data values stored in a database must satisfy certain types of consistency constraints . For example , the balance of a bank account may never fall below a prescribed amount. Developers enforce these constrains in the system by adding appropriate code in various applications programs to enforce them . A DBMS should provide capabilities for defining and enforcing these constrains.

♣ **Atomicity problems :**

A computer system , like any other mechanical or electrical device , is subject to failure . In many applications, it is critical that, if a failure occurs, the data be restored to consistent state that existent state that existent prior to the failure. Consider a program to transfer $50 from account A to account B. If system failure occurs during execution of the program , it is possible that at the $50 was removed from account A but was not credited to account B resulting an inconsistent database state . Clearly , it is essential to database consistency that either both the credit and the debit occur , or that neither occur. That is, the funds transfers must be atomic in nature . It is difficult to ensure atomicity in a non-database system but it can be well implemented through a DBMS .

**♣ Representing complex relationship among data :**

A database may include numerous varieties of data that are interrelated in many ways . A DBMS must have the capacity to represent a verity of complex relationships among the data as well as to retrieve and update related data easily and efficiently.

EXTERNAL LEVEL

EXTERNAL VIEW

EXTERNAL VIEW

External / Conceptual mapping

## CONCEPTUAL SCHEME

CONCEPTUAL LEVEL

Conceptual / internal mapping

## INTERNAL SCHEME

INTERNAL LEVEL

STORED DATABASE

**THREE LEVEL ARCHITECTURE**

**Why** MY SQL**?**

MY SQL is an object relational database management system. It has full capabilities and functionality of a relational database , plus the features of an object database. It includes several features for improved performance and functionality of online transaction processing application , such as better sharing of run-time data structure , larger buffer caches, and deferrable constrains . Data warehouse applications will benefit from enhancements such as parallel execution of insert , update, delete operations ; portioning and parallel-aware query optimization .Operating within the Network Computing Architecture (NCA) framework . MY SQL supports client-server applications that are distributed . MY SQL can scale tens of thousands of concurrent users, support up to 512 petabytes of data , and can handle any type any type of data, including text, spatial , sound and time series as well as traditional structured data .

**How** MY SQL **Works?**

* The DBA initiates the database start-up procedure that

• Reads the parameter initialization file.

• Allocates memory for SGA.

• Starts up the required processes.

• Opens and reads the control file.

• Opens the database data file for general access.

bd14529_ The DBA starts up a listener process to wait for user connection

requests.

bd14529_ A visual basic user makes a connection to the database through the

network using ODBC or SQL Objects for ADO.

bd14529_ The Listener process dispatches a Server process to handle the user’s

SQL requests.

bd14529_ The Visual Basic application passes a SQL statement to the database.

bd14529_ An area of shared pool is allocated for the SQL statement .

bd14529_ The required data is pulled into the Database Buffer Cache if it is not

already there.

bd14529_ Any data changes are made in memory and stored as Redo Log Entries

in the Redo Log Buffer .

bd14529_ Controls returns to the Visual Basic application with a result set if

appropriate.

bd14529_ The database writer process writes data changes back to disk when

certain criteria are met .

bd14529_ The Log Writer writes changes to the Redo Log files when the changes

are committed .

System Global Area

**Database**

**Buffer**

# Cache

# Redo Buffer

**Shared**

**Buffer Pool**

**PHP**

**Application**

Fig : Connecting to Oracle through a Server Process

**Why PHP?**

One of the primary reasons for the immense popularity of computers is the speed with which they can accomplish specified tasks. However , computer applications are not always easy to use .

**Any applications has two parts:**

i) ***User interface***: This is the screen displayed by the application. We interact with an application via the interface. Every paper has a user interface in one form of the other. The application asks for and we provide necessary instruction using the interface.

***ii) Program :*** Computers need clear-cut instructions to tell them what to do and when to do . A set of instructions to carry out a specified task is called a program . This is what goes on in the background. All interactions between the user and the application are via the user interface. Thus , for any application to be successful it needs to have a good user interface . The user interface makes a program is easy to use .

*A good interface will be :*

Easy to learn

Easy to use

Attractive

CHARACTER BASED SYSTEM

```````````````````````````````````````````````````

In a character-based system , text was the medium of information exchange . The application displayed text , which prompted the user for the required information . It also specifies the valid option , if any . The user then responded to this prompts by specifying the required information using text . For example , a character based application may generate a bill in a store here the user has to remember all the products that are sold by the shop . There is no list from which he can select a product from those available. The disadvantage with character based system was that with each new application the user has to spend time and effort getting used to the way it worked.

GRAPHICAL USER INTERFACE

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Interfaces that use graphics came to be known as *graphical*  *user interface (GUI).* These become very popular because the users could identify with the graphics displayed on the screen .In everyday life too , we associate more with images than words. The primary requirement for an interface is that it is easy to use . We must be able to react intuitively to an interface presented is such that it emulates real life .For example consider a calculator . On a physical calculator , there are buttons for each of the numbers and operations possible and we click on the necessary buttons to perform the operations . With the use of GUI we can design a calculator that looks very much like any real calculator.

## THE NEED FOR PHP

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

There are several programming tools that allow us to build such visual appealing and intuitive interfaces . These tools allow us to design interfaces that employ user-friendly features such as menus , buttons , windows etc. However , the disadvantages of such tools is that the interface is designed using code. The next step is to code the functionality of the interface. Therefore , a programmer spends a lot of time writing code for the user interface . Moreover, a large percentage of time is wasted for designing the interface, determining which events occurred and then writing the appropriate code. The functionality of each application is different, but the user interface components that are used remain the same. This means that if the process of building the user interfaces simplified then the time and

effort required in developing an application can be reduced. Thus was born the art of visual programming . Moreover , visual programming enables the developers to create the prototype of a large application easily . Such a prototype helps a user to understand the “ *look and feel* ” of the application. The disadvantage of visual programming is that it can be used only with GUI operating system such as WINDOWS. Moreover, it requires computers of a higher configuration in comparison to the conventional programming tools , such as

*Larger capacity hard disk.*

*More RAM .*

*Faster processor .*

Visual basic is one of the popular visual programming languages. That’s why I use visual basic in my project development .

## PHP tools and their advantages

*Data access features* allows you to create databases, front- end applications , and scalable server- side components for most popular database formats , including Microsoft SQL Server and other enterprise level databases.

*ActiveXTM  technologies* allow you to use the functionality provided by other applications , such as Microsoft Word Processor , Microsoft Excel spreadsheet, and other Windows applications. You can even automate applications and objects created using the professional or Enterprise editions of Visual Basic .

*Internet capabilities*  make it easy to provide access to documents And applications across the internet or intranet from within your application , or to create Internet server applications your finished application is a true **.exe file** that uses a Visual Basic Virtual Machine that you can freely distribute .

PHP in MY SQL World

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There are some important reasons to use Visual Basic rather than any other front-end tool :

**Capability *:*** *VB.C# is capable of producing software as sophisticated as any of* the other data-access techniques available. There is little can be done with say Developer 2000 that cannot be implemented equally well with ADO or OO4O.

**Flexibility *:*** Not only database access VB can be used to write text Processor , an e-mail listener , or 10,001 other tasks.

**Familiarity :** Being the most popular programming language in the world means there is a steady of talented staff to add to development teams .

**Popularity *:***  Due to the popularity more magazine articles and books and Third-party product are available.

Open Database Connectivity:-

Each DBMS stores data in a particular format. For example , MICROSOFT access stores data in ‘.MDB’ file while FoxPro uses the ‘.DBF’ format. The means , traditionally , a database application is developed keeping in mind a particular type of database. Changing from one DBMS to another means rewriting the application to handle data in a new format. This means a lot of time and effort is spend in recreating the application each time we want to change databases.

In the early days of computing , organizations typically used just a single DBMS. The databases was manipulated using applications written specifically used just a single DBMS . The database was manipulated using applications written specifically for this type of database or the DBMS’s facilities itself. For example , if the data is stored in MY SQL then we can use these to access in MY SQL database

## PL/SQL

SQL \*PLUS

However , over the years with the wide spread use of computing technology , it is found that , typically a medium to large size organization started to use different types of DBMS. For example , in finance company , a department that deals with deals with fixed deposit might use ACCESS as the local DBMS while the organization level MY SQL is used to maintain data .

It is possible to build applications that are able to communicate with different databases if we separate actual communication with the database from the application. This is achieved if the application always gives a command in a particular manner . This command is then translated such that it is understood by DBMS.

By using different ‘translator’ between the application and the DBMS , we can talk with databases created by different DBMS as shown in the figure below :

#### Database

#### Translator

### Application

Fig: Communication with a database

So , we need a method of accessing database such that the application remains unchanged even when the database is changed. This is referred to as Open Database Connectivity (*ODBC*). ODBC defines a standard method for communication between the application and the DBMS. This is accomplish by defining an application-programming interface (*API*). An API in programming terms means a set of functions that perform a particular task.

The application will call an API function to specify a particular task . The API call is passed on the translator is referred to as the *ODBC* driver. It is the driver that implements the various API such that they are under stood by DBMS. Thus , there is a driver for each DBMS and passes it back to the application.

While ODBC defines API that could be used to access any data , It did not support the OO approach that was gaining popularity . *OLEDB* is a database architecture that enables applications to have uniform access to data stored in driver’s information sources , regardless of location or type . *OLEDB* defines a set of COM (Component object model) interfaces that enable a uniform access to data stored in diverse DBMS. An interface is a class with all functions abstract (an abstract class in OO is a class that has no implementation and must be implemented in the derived class). The user derives class from these interfaces and implements them in their application . The objects created from the classes are used for different database actions like connecting, binding the records etc. Science ADO *DATABASE* defines interfaces, it is said to be low-level and implemented directly only in OO language like c++ , so it is not possible to directly implement *OLEDB*  interfaces in a 4GL like Visual Basic. Microsoft has solved this problem by providing ActiveX data object (*ADO*) . These are Microsoft defined objects that allow data access through *OLEDB.*

# COST BENEFIT ANALYSIS

Software development is a highly labor intensive activity. A project of large dimension can easily turn into chaos if proper management controls are not imposed. Therefore the project cost/expenditure and the profit gain after implementing the project has to be taken into account. That is we have to consider the benefit analysis report.

This cost/benefit may be tangible, direct or indirect, fixed or variable. To build up a large software all the elements required are estimated to get the development cost of the considering project. When we consider all these requirements we can develop a cost estimated model to find the proposed cost of the developing project. And from that model we can track down the expenditure during the course of development. Now after implementing the project we have to consider gain from it in terms of benefits that how much person month has saved from this project. Therefore we have to consider the total expenditure and the benefit gain from the project once it has been implemented. Here we express the benefit in terms of person month that is the monthly salary of the person concerned for the system which has to be replaced. Therefore this cost/benefit analysis report gives us the total picture of how a company gets benefit from a candidate system once that has replaced an older one.

The project developing components like hardware, personnel, facility and supply cost are also taken into consideration during the cost estimation. Then we identify the cost and benefit of a given system and categories them for analysis. In addition, from that estimated cost we track the expenditure and then calculate the benefits. For our project, let us assume a virtual airport where this software has been installed. The cost/expenditure values and the benefit gain to the company described here are taken as example.

**Cost/Expenditure Report for Computerizing ON LINE SHOPPING MANAGEMENT SYSTEM**

Sl. No. Item Value in Rs.

01 Hardware Cost 20000.00

02 Software Cost 5000.00

03 User Training 5000.00

04 Supply Cost 1000.00

TOTAL COST 31000.00

Now we identify each benefit and then assign a monetary value to it for cost-benefit. These benefits may be tangible or intangible, direct or indirect. The major benefits are improving performance and minimizing the cost of processing. Minimizing costs through an efficient system by means of error control or reduction of staff is a measure of benefits and we consider these into the following benefit chart.

**SYSTEM ANALYSIS AND DESIGN**

**ENTITY RELATIONSHIP DIAGRAM**

An entity relationship (ER) model is an illustration of various entities in the system and relationship between them. An ER model is derived from business specifications or narratives and built during analysis phase of the system development life cycle .

* Benefits of ER modeling :
  + Documents information for the organization in a clear , precise format.
  + Provides a clear picture of the scope of the information requirement .
  + Provides an easily understood pictorial map for the database design.
  + Offers an effective framework for integrating multiple applications.
* **Key components** :

Entity Relationship (E-R) Analysis uses three major abstractions to describe the system. These are :

bd14578_ *Entity* : A thing of significance about which information needs to be known. Examples are customer , item etc.

*bd14578_ Relationship* : A named association between entities showing optionality and degree . Examples are Tour and customer.

* *Attributes* : Something that describes or qualifies an entity. For the employee entity , the attributes would be employee Id , name , job, title , date of joining and so on . Each of the attribute is either required or optional.

* **Symbols used in ER modeling :**

An E-R diagram consists of the following components :-

|  |  |  |
| --- | --- | --- |
| **NAME** | **SHAPE** | **PURPOSE** |
| Rectangle |  | Used for representing  entity types. |
| Ellipses |  | Used for representing attributes. |
| Diamonds |  | Used for representing  relationship types. |
| Lines of Arcs |  | Used for linking attributes  to entity types and entity  types to relationship types. |
| Double Ellipses |  | Used for representing  Multi-valued attributes . |
| Dashed Ellipses |  | Used for denoting derived  attributes. |
| Double lines |  | Used for indicating total participation of an entity  of an entity in relationship  type. |
| Double line rectangle |  | Used for representing weak entity . |
| Double line diamonds |  | Used for representing  weak relationship. |

**DATA FLOW DIAGRAM**

At this stage , the existing information processing procedures are documented in detail and studied minutely to determine what user expect a new system to do and how it can be done in a better way . We first study the current system and how documents flow in the system . Using this model we derive a logical equivalent of a system and represent it by a logical data flow diagram. This is refined after finding out from the user his information requirements and a new logical data flow diagram is obtained . Along with this the processing rules, the data dictionary and information provide by a system are obtained.

DFD refers to DATA FLOW DIAGRAM. System requirements in a graphical form, which leads to modular design. A DFD (also known as bubble chart) has purpose of clarifying system requirements and identifying major transformation that will become part of system design. So it is a starting point of the design phase that functionally decomposes the requirement specifications don to the lowest level of detail. A DFD consists of series of bubbles joined by lines. The bubbles represent data transformations and lines represent data flow in the system.

bd10267_ **TECHNIQUE OF DATAFLOW DIAGRAM :**

Dataflow diagramming is a menace of representing a system at any level of detail with a graphic network of symbol showing data flows , data sources , data process and data sources / destinations .

The purpose of Dataflow diagramming is to provide a semantic bridge between users and system developers , the diagram are as follows :

Graphical , elimination thousands of words ;

Logical representation , modeling what a system does , rather than

physical model showing how it does it ;

Hierarchical representation , modeling what a system does , rather than

Physical model showing how it does it ;

Hierarchical showing systems at any level of details ; and Jargon less ,

allowing user understanding and retrieving.

###### bd10267_ Dataflow diagrams have the objectives of avoiding the cost of :-

**bd14583_** User/developer misunderstanding of a system , resulting in a need to redo

system or in not using system .

**bd14583_** Having to start documentation from the scratch when the physical system

changes science the logical system , what gets done often remains the same

when technology changes.

bd14583_ System inefficiency because a system gets “computerized” before It gets

“systematized”.

**bd14583_** Being unable to evaluate system project boundaries or degree of Automation

resulting in a project in appropriate scope.

**bd10267_ Tabular Representation of Symbols used in DFD: -**

|  |  |  |
| --- | --- | --- |
| **SYMBOL** | **MEANING** | **COMMENTS** |
| Or | Source or Destination  of DATA  External Entity. | May be one customer or  number of customers . |
|  | DATA flow | May be customer  Connected to purchase order |
|  | Process that transforms  the DATA | May be a clerk calculating  Payment amount. |
| Or | Data Store | Can be a payment file, a filing Cabinet or Disk |
|  | Data report | Can be some bill. |

* **EXTERNAL ENTITIES :**

1. Are named with appropriate name .
2. Can be duplicated , one or more times, on the diagram to avoid line crossing.
3. Determine the system boundary . They are external to the system being studied . They are often be beyond the area of influence of the developer .
4. Can represent another system or subsystem .
5. Go on margins / edge or data flow diagram.

* **DATA FLOWS :**

**1.** Are represented with a line with an arrowhead on the head on the end.

A fork in a data flows means that the same data goes to two separate

destination. The same data coming from several locations can also be

jointed .

1. Should only represent data not control .
2. Are always named . Name is not include the word “data”.
3. Are referenced by a combination of the identities of the constructs that the data flow connects.

* **DATA STORE :**

**1.** Are generic for physical files (index cards , desk drawers, magnetic disk,

magnetic tapes , shirt pocket , human etc .

**2.** Are named with an appropriate name , not to include the word “file”

and numbered with a number proceed with a capital letter D.

1. Can be duplicated , one or more times , to avoid line crossing .
2. Can so to or more systems that share a data store ? Adding a solid strip on the left boundary does this . This can occur in the case of some system updating data store , while the other system access the data. For example , the data store could be a fright rate builds and maintains , but is represented system.

**5.** Are detailed in the data dictionary or with the data description

diagram.

* **PROCESS :**

**1.** So data transformation or changed . Data coming into a process must be

“worked on” or transformed in some way . Thus, all process must

have inputs and outputs . In some case, data inputs and outputs will

only be shown at more detailed levels of the diagram . Each process is

always “running” and ready to accept the data.

1. Are represented by a circle .
2. Are named with one carefully chosen verb and object of the verb. Process is one function or action . If there is an “and” in the name , you likely have more than one function (process) .

**4.** Have physical location shown only for existing physical system or a

physical design being represented .

**5.** Should generally move from top to bottom and left to right.

**bd10267_ CONTEXT DIAGRAM :**

The Context Diagram represents the entire software element as a single bubble with input and output data indicated by incoming and outgoing arrows , respectively . Additional process (bubbles) and information flows paths are represented as the level 0 DFD is portioned to reveal more detail . Here , the emphasis is on the relationship between the system and its environment. The system as a whole is represented as a bubble , and the external entities are shown as squares from which input flows and to which input is directed.

**6.2 Context Diagram**

Payment Bill

Request for Product

Customer

Customer Requirement

Delivery Product

Payment

Generate Bill

Deliver Product Bill

Admin

**DATA FLOW DIAGRAM**

**FIRST LEVEL DATAFLOW DIAGRAM**

Product code, product name, price

Admin

Product code,

stock available,

customer code

Product details,codes

Product, code,duration,name

**Product**

**Discount**

Total product

**Avilabilities**

Customer

Product code, customer

code, product details

Selling info

Customer code

Bill

Billing code

**Customer code**

Special offers

Product code,date,time

Stock value

**Stock**

Stock availaties

Customer information

Date, price,mfg

Product code

Product Info

Checking product status

Product code

Product availability

Total quantity,name,code

Detailed product info

Product code

Final result

Product info

**Entity Relationship Diagram**

SpecialOffer

Has

Avails

Sales

Product

Generate Bill

Admin

Provide

Customer

Cheque

Cash

Calculate

Payment

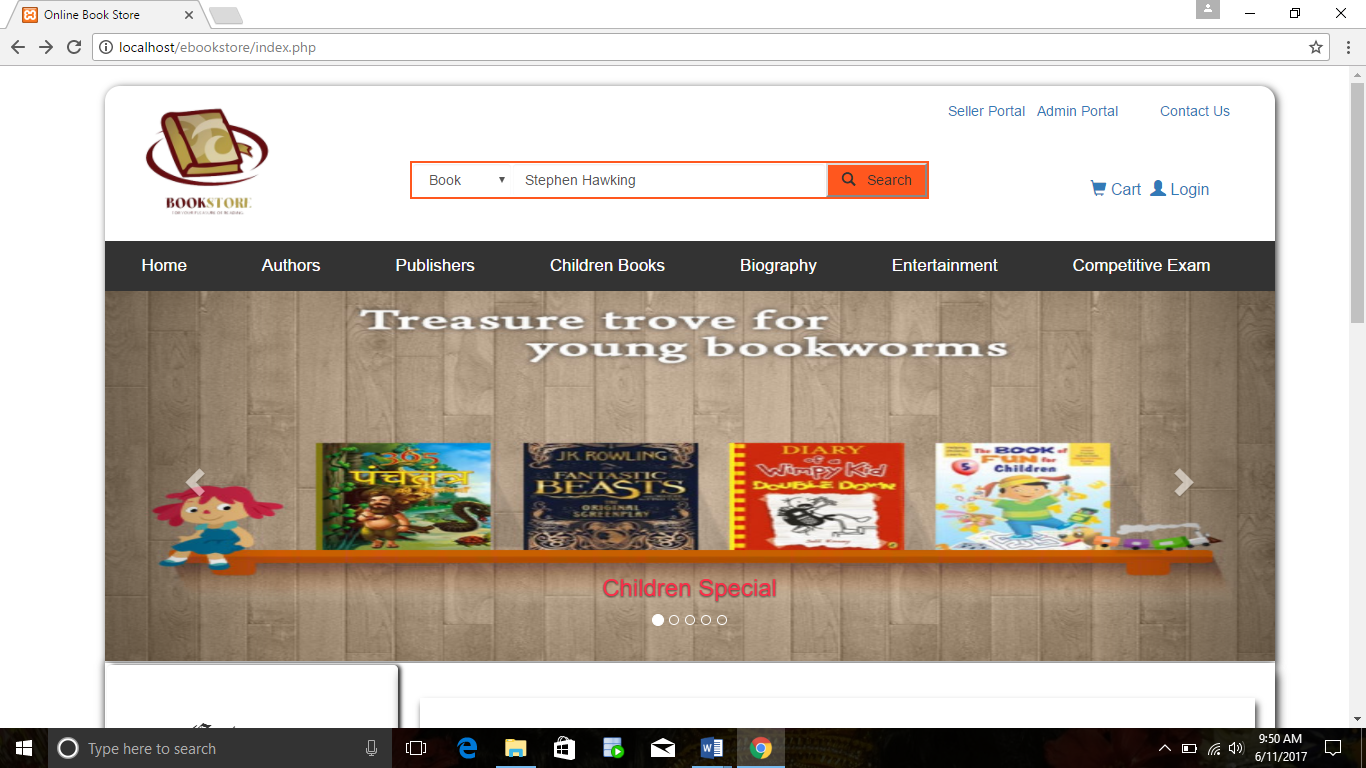
Pay

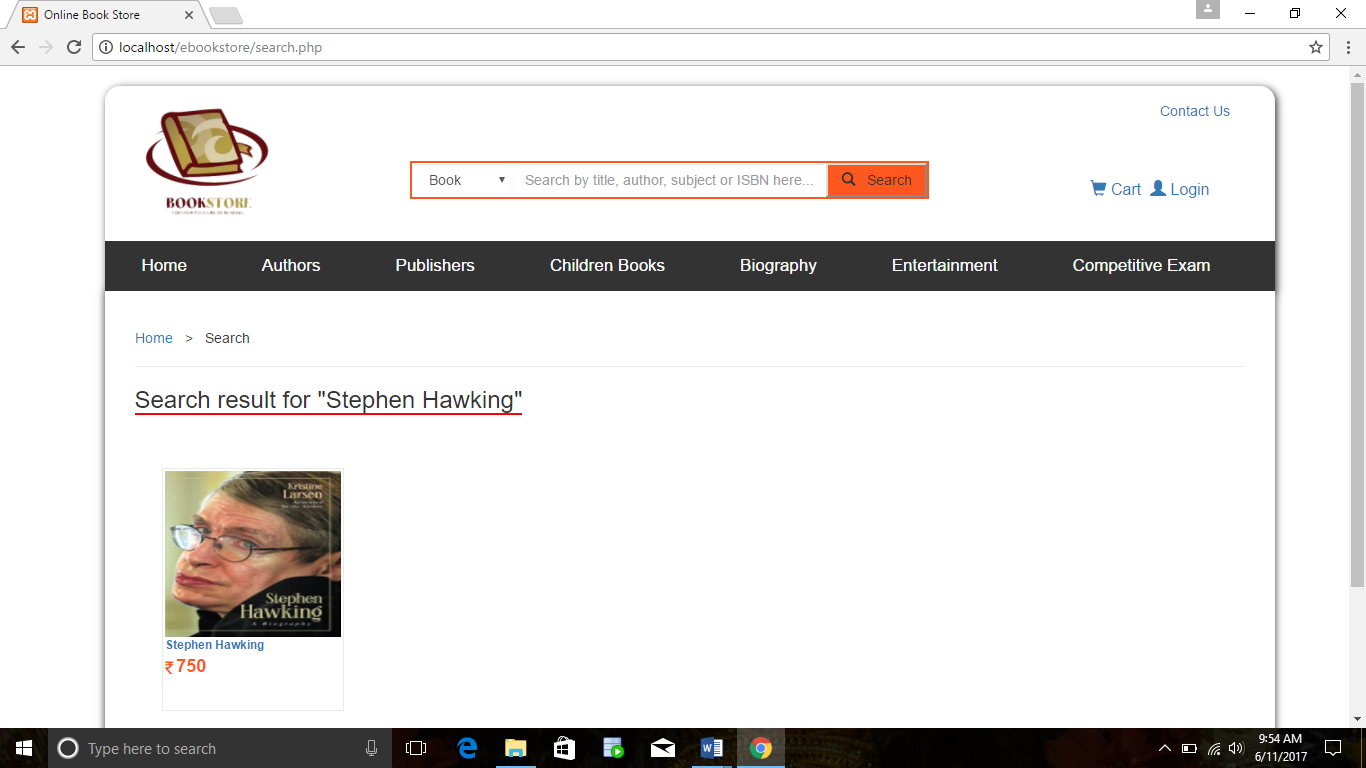
Collect

Purchase

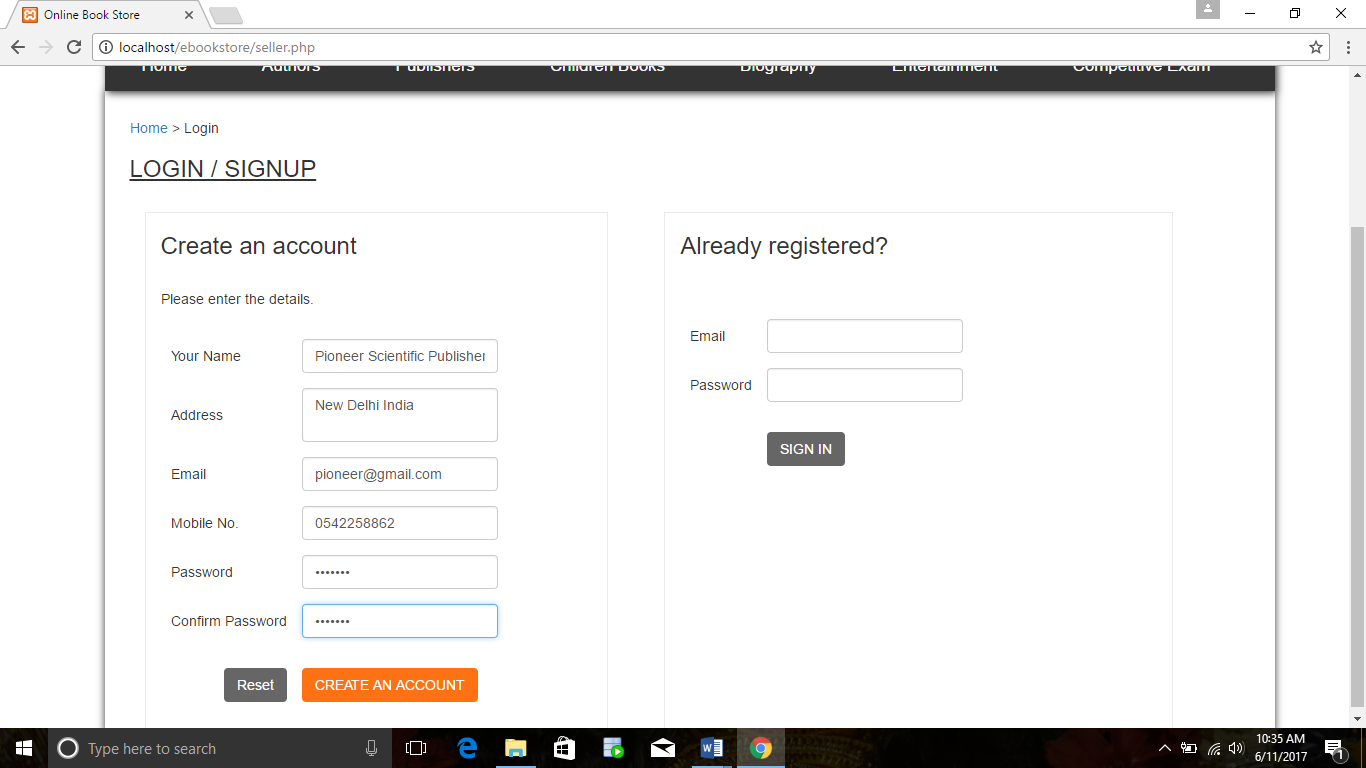
***Input/output Screen Shot***

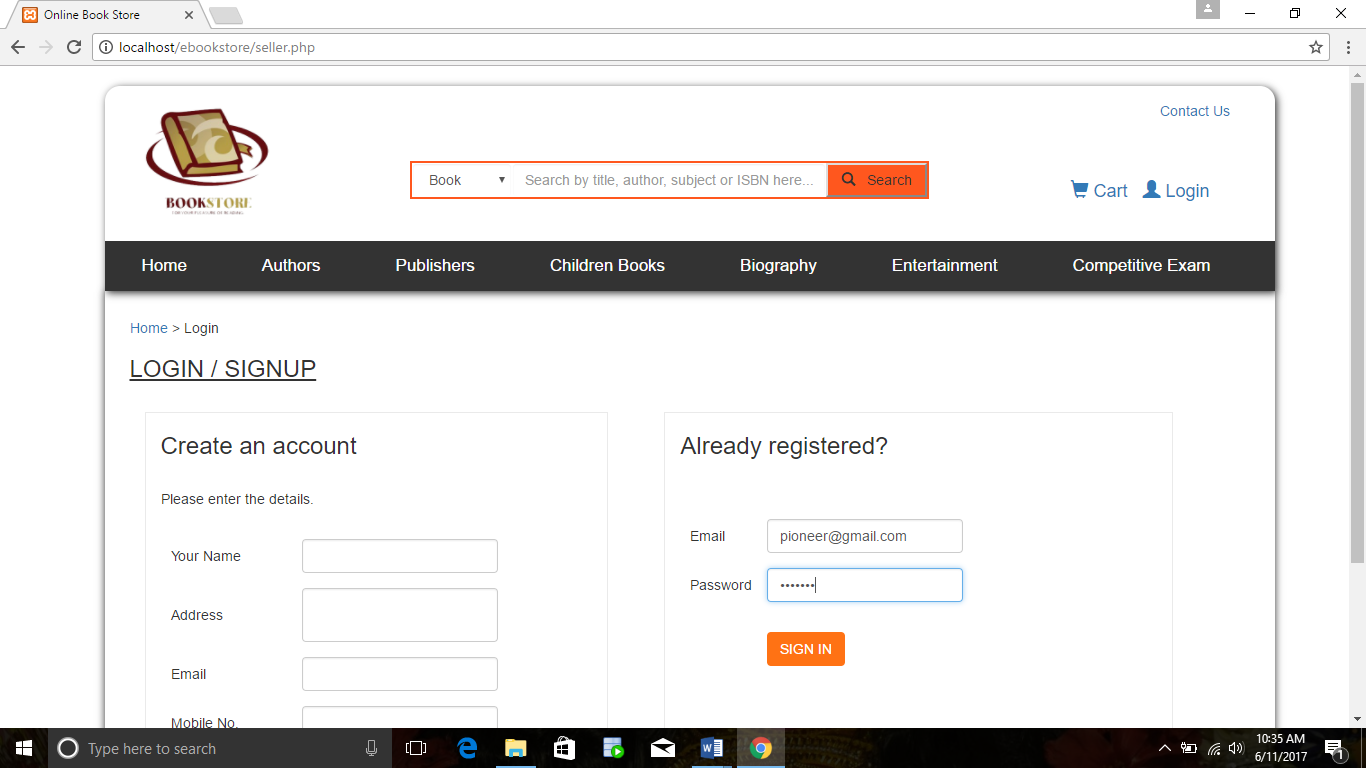
***Searching Of a book by Book name***

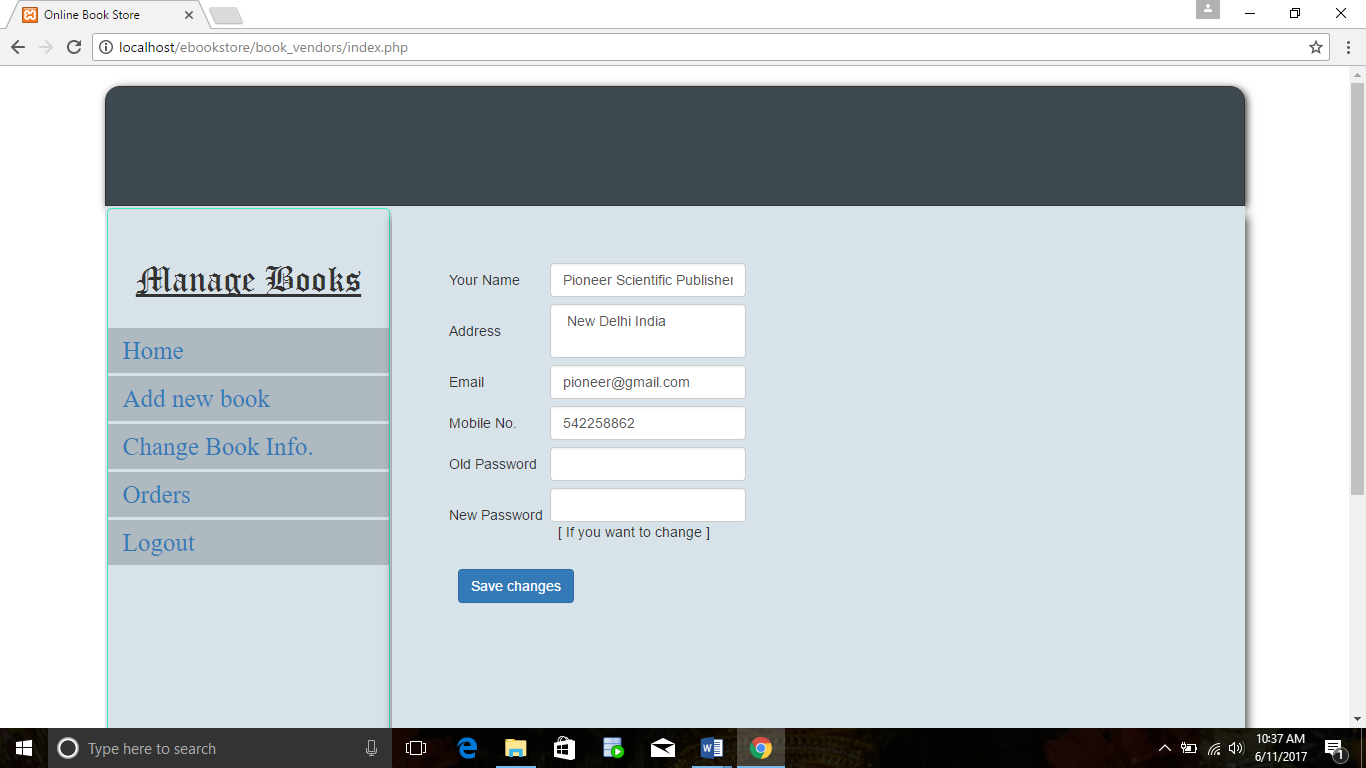




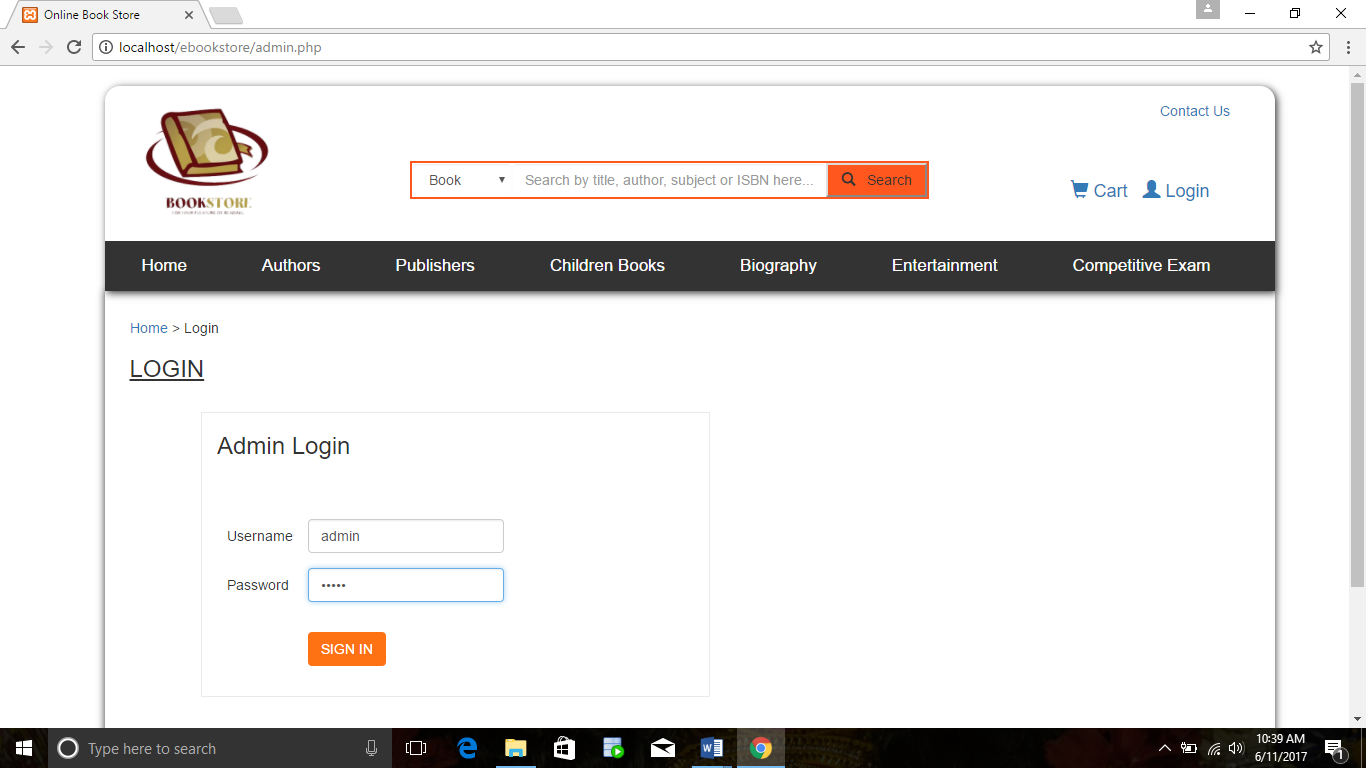
***Seller Registration & Login***





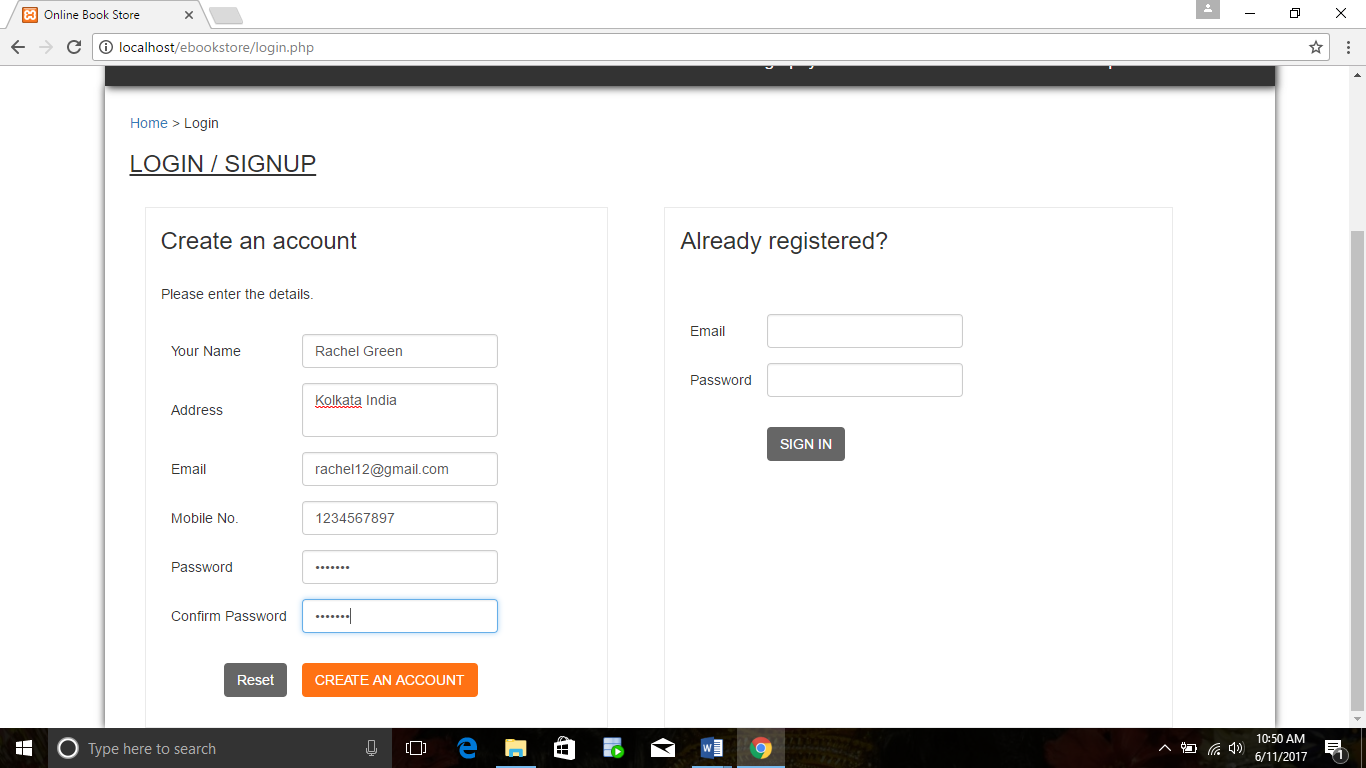


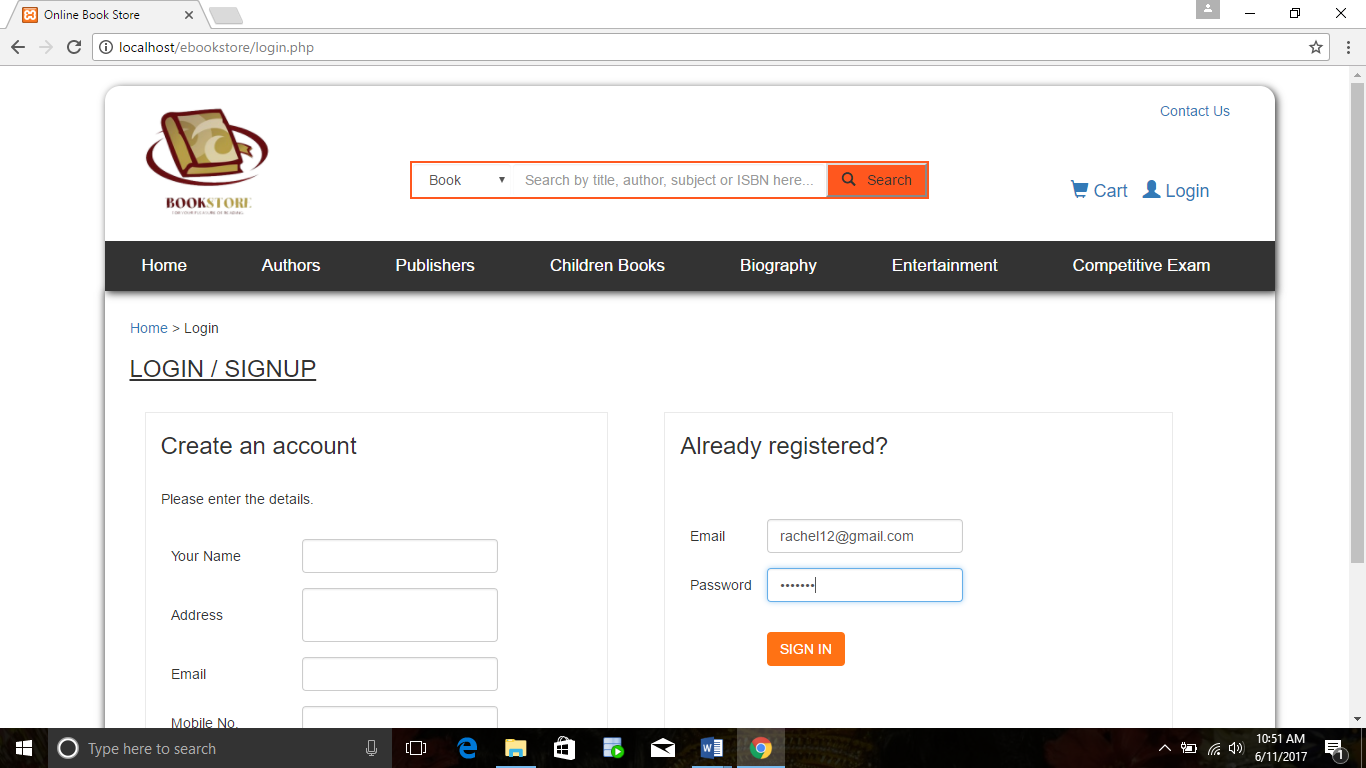
***Admin Login***

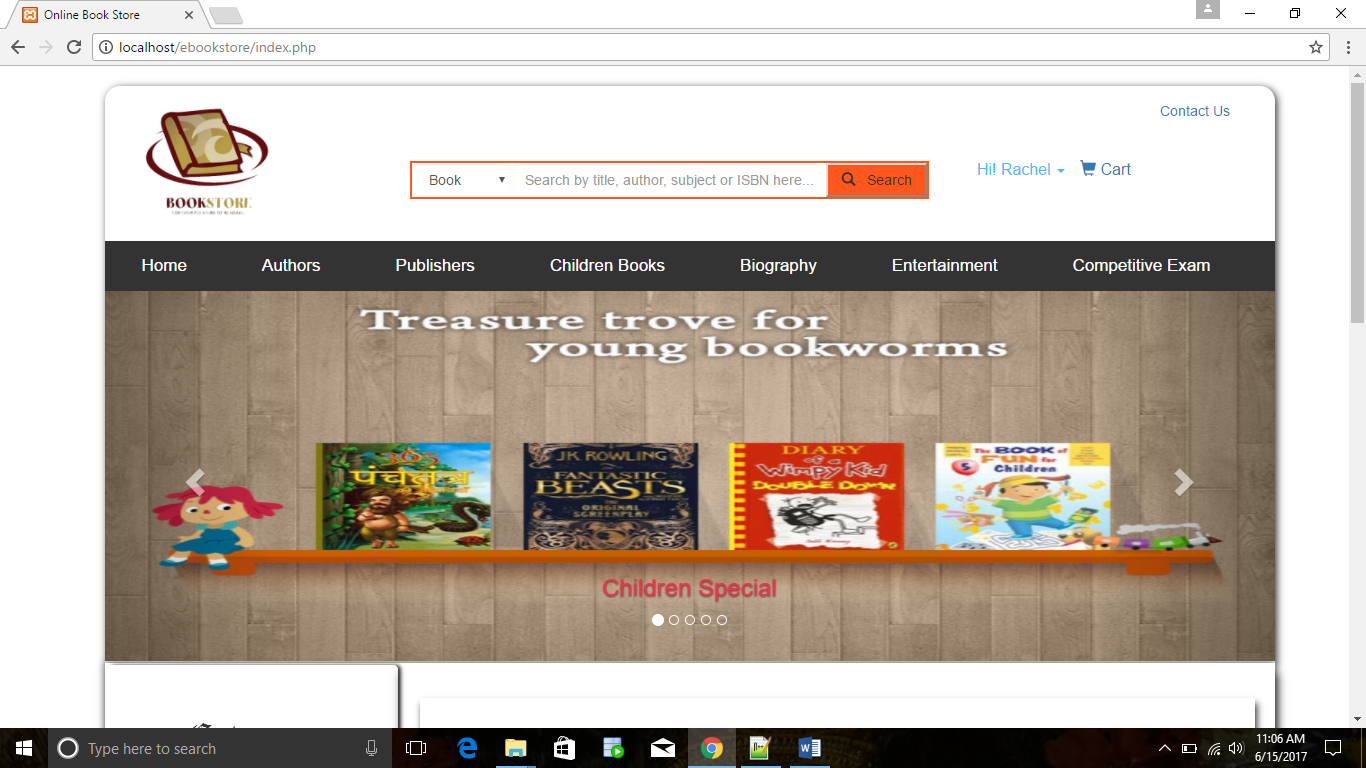




***User Registration & Login***







***CODING***

***header.php***

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="Logo" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form>

</div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a> &nbsp;

<?php if(isset($\_SESSION['id']) || isset($\_SESSION['admin\_id']) || isset($\_SESSION['seller\_id']))

{

if(isset($\_SESSION['seller\_id']))

echo '<a href="book\_vendors/logout.php" class="">Seller Logout</a> &nbsp;';

if(isset($\_SESSION['admin\_id']))

echo '<a href="admin/logout.php" class="">Admin Logout</a> &nbsp;';

}

else

?>

<a href="seller.php" class="">Seller Portal</a> &nbsp;

<a href="admin.php" class="">Admin Portal</a>

<br />

<?php

}

?>

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown">

<?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="orders.php">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<a href="cart.php" style="float:left; margin-left:15px;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

<br clear="all"/>

<?php

}

else if( !isset($\_SESSION['admin\_id']) && !isset($\_SESSION['seller\_id']))

{

?>

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?></div></div></div>

***Index.php***

<?php

session\_start();

require\_once("functions.php");

$comp=book\_category("Computer & Internet");

$edu=book\_category("Eductional and Professional");

$exam=book\_category("Competitive Exams");

if(is\_array($comp) && is\_array($edu) && is\_array($exam))

{

if(count($comp)<5 || count($edu)<5 || count($exam)<5)

{

echo "Service is not available. Please try again later.";

exit();

}

}

else

{

echo "Service is not available. Please try again later.";

exit();

}

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<?php require\_once("header.php"); ?>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div>

<div class="row head-img">

<div id="myslider" class="carousel slide" data-ride="carousel">

<!-- Indicators -->

<ol class="carousel-indicators">

<li data-target="#myslider" data-slide-to="0" class="active"></li>

<li data-target="#myslider" data-slide-to="1"></li>

<li data-target="#myslider" data-slide-to="2"></li>

<li data-target="#myslider" data-slide-to="3"></li>

<li data-target="#myslider" data-slide-to="4"></li>

</ol>

<!-- Wrapper for slides -->

<div class="carousel-inner" role="listbox" style="max-height:370px;">

<div class="item active">

<img src="images/children-book-banner.jpg" alt="..." style="height:370px; width:100%;">

<div class="carousel-caption">

<h3 style="color:#FF2D49;">Children Special</h3>

</div>

</div>

<div class="item">

<img src="images/Exam-book-banner.jpg" alt="..." style="height:370px; width:100%;">

<div class="carousel-caption">

<h3 style="color:#FF2D49;">Exam Preparation</h3>

</div>

</div>

<div class="item">

<img src="images/self-help-book-banner.jpg" alt="..." style="height:370px; width:100%;">

<div class="carousel-caption">

<h3 style="color:#FF2D49;">Self Esteem</h3>

</div>

</div>

<div class="item">

<img src="images/SBIPO.jpg" alt="..." style="height:370px; width:100%;">

<div class="carousel-caption">

<h3 style="color:#FF2D49;">Competitive Exam</h3>

</div></div>

<div class="item">

<img src="images/fiction.jpg" alt="..." style="height:370px; width:100%;">

<div class="carousel-caption">

<h3 style="color:#FF2D49;">Fiction</h3>

</div>

</div>

</div>

<!-- Controls -->

<a class="left carousel-control" href="#myslider" role="button" data-slide="prev">

<span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>

<span class="sr-only">Previous</span>

</a>

<a class="right carousel-control" href="#myslider" role="button" data-slide="next">

<span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>

<span class="sr-only">Next</span>

</a>

</div>

</div>

</div>

<div class="container-fluid" id="main">

<div class="row row-eq-height" style="background-color:#fff;" >

<div class="col-md-3 col-sm-3" id="leftpart" >

<h1 style="font-family:Old English Text MT; margin-top:50px;"><u>Category</u></h1>

<br />

<ul id="category">

<li><a href="view-all.php?category=<?php echo urlencode("Arts & Photography"); ?>"> >> Arts & Photography </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>"> >> Biography </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Business & Investing"); ?>"> >> Business & Investing </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>"> >> Children Books </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("College Text & Reference"); ?>"> >> College Text & Reference </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Computer & Internet"); ?>"> >> Computer & Internet </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Cooking & Food"); ?>"> >> Cooking & Food </a> </li>

<li><a href="view-all.php?category=<?php echo urlencode("Eductional and Professional"); ?>"> >> Eductional and Professional </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>"> >> Entertainment </a></li>

<li><a href="view-all.php?category=<?php echo urlencode("Competitive Exams"); ?>"> >> Competitive Exams </a></li>

</ul>

</div>

<div class="col-md-9 col-sm-9" id="rightpart">

<div class="new" >

<h3><u>Computer & Internet<u></h3><br />

<?php

for($j=0;$j<5;$j++)

{

echo "<div class=\"new-items\">";

echo "<a href=\"details.php?bk\_id=".$comp[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$comp[$j]['bk\_img']."\" style=\"height:65%; width:100%; \"/>";

echo $comp[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$comp[$j]['price']."</font>";

echo "</div>";

}

?>

<br clear="all"/>

</div>

<div class="new" >

<h3><u>Eductional and Professional <u></h3><br />

<?php

for($j=0;$j<5;$j++)

{

echo "<div class=\"new-items\">";

echo "<a href=\"details.php?bk\_id=".$edu[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$edu[$j]['bk\_img']."\" style=\"height:65%; width:100%; \"/>";

echo $edu[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$edu[$j]['price']."</font>";

echo "</div>";

}

?>

<br clear="all"/>

</div>

<div class="new" >

<h3><u>Competitive Exam Preparation <u></h3><br />

<?php

for($j=0;$j<5;$j++)

{

echo "<div class=\"new-items\">";

echo "<a href=\"details.php?bk\_id=".$exam[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$exam[$j]['bk\_img']."\" style=\"height:65%; width:100%; \"/>";

echo $exam[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$exam[$j]['price']."</font>";

echo "</div>";

}

?>

</div></div></div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***admin.php***

<?php

session\_start();

ob\_start();

header\_remove();

if(isset($\_SESSION['admin\_id']))

header("Location:admin/index.php");

require\_once("functions.php");

?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js"></script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form>

</div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:18px; text-decoration:none; ">

<a href="cart.php">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a></div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul></div></div>

<div class="container-fluid" id="main-author" style="padding-left:25px;">

<br />

<h5><a href="index.php"> Home </a> > Login</h5>

<u><h3>LOGIN</h3></u><br />

<div class="row row-eq-height" style="background-color:#fff; padding-left:30px;" >

<div class="col-md-6 col-sm-6" style="border:1px solid #EAEAEA; width:45%; margin-left:5%;">

<h3>Admin Login</h3> <br />

<br />

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="post" id="login">

<table>

<tr>

<td>Username</td>

<td><input type="text" name="login\_email" id="" class="form-control" required/></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="password" id="" class="form-control" required/></td>

</tr>

<tr> <td></td> <td></td> </tr>

<tr>

<td></td>

<td><input type="submit" name="login" value="SIGN IN" class="btn btn-org" style="color:#fff; background-color:#666666;" /></td>

</tr></table></form>

<?php

if(isset($\_POST['login']))

{

$info=admin\_login($\_POST);

if(is\_array($info))

{

$\_SESSION['admin\_id']=$info['username'];

echo "<h4 style='color:green;'>Redirecting...</h4>";

header("Refresh:5; url=admin/index.php");

}

else

{

echo "<h4 style='color:red;'>$info</h4>";

}

}

?>

<br />

</div></div></div></div>

</body>

</html>

<?php

exit;

ob\_end\_flush();

?>

***Admin/index.php***

<!DOCTYPE HTML>

<?php

session\_start();

if(!isset($\_SESSION['admin\_id']))

header("Location:../index.php");

require\_once("pages/functions.php");

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery-ui.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_password").validate({

rules: {

old\_password:{

required:true

},

new\_password:{

required:true,

minlength:5

},

confirm\_password:{

required:true,

minlength:5,

equalTo:"#new\_pass"

}},

messages: {

old\_password:"Please enter your account password",

new\_password:"Please enter new password",

confirm\_password:"Password should be same as above"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_password').attr('action'),

data: $('#update\_password').serialize(),

success: function(data){

$('#msg').fadeIn();

$('#msg').text(data);

$("input[name='old\_password']").val('');

$("input[name='new\_password']").val('');

$("input[name='confirm\_password']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}});

$(".approve").click(function(){

var seller\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/approve\_sellers.php",

data: {id:seller\_id},

success: function(data){

alert(data);

window.location.href="index.php";

}

});

});

$(".modificaiton").click(function(){

var order\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/cancel\_order.php",

data: {id:order\_id},

success: function(data){

alert(data);

window.location.href="index.php?pid=2";

}

});

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="col-md-8"></div>

<div class="col-md-4"></div>

</div>

</div>

<div class="container-fluid" id="main">

<div class="row row-eq-height">

<div class="col-md-3 col-sm-3" id="leftpart">

<h1 style="font-family:Old English Text MT; margin-top:50px;"><u>Manage Books</u></h1>

<br />

<ul id="category">

<li><a href="index.php"> View Sellers </a></li>

<li><a href="index.php?pid=1"> View Books </a></li>

<li><a href="index.php?pid=2"> Orders </a></li>

<li><a href="index.php?pid=3"> Change Password </a></li>

<li><a href="logout.php"> Logout </a></li>

</ul>

</div>

div class="col-md-9 col-sm-9" id="rightpart">

<?php

if(isset($\_GET['pid']))

{

$pid=$\_GET['pid'];

if($pid==1)

require\_once("pages/view\_books.php");

else if($pid==2)

require\_once("pages/orders.php");

else if($pid==3)

require\_once("pages/change\_password.php");

else

header("Location:index.php");

}

else

{

require\_once("pages/sellers.php");

}

?></div></div></div></div>

</body>

</html>

***Admin/approve\_sellers.php***

<?php

if(isset($\_POST['id']))

{

$seller\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$query="update book\_vendors set v\_status='Approved' where vendor\_id=$seller\_id";

if(mysqli\_query($con,$query))

{

echo "Book vendor has got approval.";

}

else

{

echo "Book vendor did not get approval.";

}

}

else

echo "Database connection error.";

}?>

***Admin/cancel\_order.php***

<?php

if(isset($\_POST['id']))

{

$order\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

$query="select orders.status,sub\_order.bk\_id,sub\_order.qnty

from orders

inner join sub\_order

on orders.order\_id=sub\_order.order\_id

where orders.order\_id='$order\_id'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$errors=0;

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

$bk\_id=$row['bk\_id'];

$qnty=$row['qnty'];

$query1="update books set qnty=qnty+$qnty where bk\_id=$bk\_id";

if(!mysqli\_query($con,$query1))

$errors++;

}

if($errors==0)

{

$query2="update orders set status='Cancelled', remarks='Cancelled by Admin.' where order\_id=$order\_id";

if(mysqli\_query($con,$query2))

{

mysqli\_query($con,"COMMIT");

echo "Order Cancelled !!!";

}

else

{

echo mysqli\_error($con);

mysqli\_query($con,"ROLLBACK");

}

}

}

}

}

else

echo "Database connection failed.";

}?>

***Admin/change\_pass.php***

<?php if(isset($\_POST['change\_password']))

{

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$username=mysqli\_real\_escape\_string($con,trim($\_POST['username']));

$old\_password=mysqli\_real\_escape\_string($con,trim($\_POST['old\_password']));

$old=md5($old\_password);

$new\_password=mysqli\_real\_escape\_string($con,trim($\_POST['new\_password']));

$password=md5($new\_password);

$query1="select \* from admin where username='$username' and password='$old'";

if($result=mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$query="update admin set password='$password' where username='$username'";

if(mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

echo "Password successfully updated.";

else

echo mysqli\_error($con);

}

else

echo "Oops! query error.";

}

else

echo "Account password did not match.";

}

else

echo "Oops! query error.";

}

else

echo "Database connection failed.";

}?>

***Admin/change\_password.php***

<form action="pages/change\_pass.php" method="post" id="update\_password">

<table>

<tr>

<td>Username</td>

<td><input type="text" name="" value="<?php echo $\_SESSION['admin\_id']; ?>" disabled/>

<input type="hidden" name="username" value="<?php echo $\_SESSION['admin\_id']; ?>" />

</td>

</tr>

<tr>

<td>Old Password</td>

<td><input type="password" name="old\_password" id="" /></td>

</tr>

<tr>

<td>New Password</td>

<td><input type="password" name="new\_password" id="new\_pass" /></td>

</tr>

<tr>

<td>Confirm Password</td>

<td><input type="password" name="confirm\_password" id="" /></td>

</tr>

<tr>

<td></td>

<td></td>

</tr>

<tr>

<td><input type="reset" class="btn btn-primary" value="Reset" /></td>

<td><input type="submit" class="btn btn-primary" name="change\_password" value="Update password" /></td>

</tr>

</table>

</form>

<br /><br />

<span id="msg" style="color:green; font-size:15px; "></span>

***Admin/functions.php***

<?php

function connection()

{

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

return $con;

else

return false;

}

function sellers()

{

if($con=connection())

{

$query="select \* from book\_vendors";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$sellers=array();

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($sellers,$row);

}

return $sellers;

}

else

{

$msg="No seller registration found.";

return $msg;

}

}

}

}

function fetch\_books()

{

if($con=connection())

{

$query="select \* from books";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$books=array();

while($row=mysqli\_fetch\_array($result,MYSQLI\_NUM))

{

array\_push($books,$row);

}

return $books;

}

else

{

$msg="No boos found.";

return $msg;

}

}

}

}

function order\_details()

{

if($con=connection())

{

$query="select orders.order\_id,orders.order\_of\_date,orders.order\_time,orders.address,orders.payment,

orders.status,orders.remarks,sub\_order.sub\_order\_id,sub\_order.bk\_id,sub\_order.bk\_name,sub\_order.qnty,sub\_order.price

from orders

inner join sub\_order

on orders.order\_id=sub\_order.order\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$info=array();

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$info="No details found";

return $info;

}

}

else

{

$error=mysqli\_error($con);

return $error;

}

}

}?>

***Admin/orders.php***

<?php

$order\_details=order\_details();

if(is\_array($order\_details))

{

if(count($order\_details))

{

echo "<table class='table'>

<tr>

<td>Order Id</td>

<td>Order Date</td>

<td>Order Time</td>

<td>Sub Order Id</td>

<td>Book Name</td>

<td>Quatity</td>

<td>Price</td>

<td>Address</td>

<td>Mode of Payment</td>

<td>Status</td>

<td>Remarks</td>

<td></td>

</tr>";

$total=count($order\_details);

$pre\_id=0;

for($i=0;$i<$total;$i++)

{

$order\_id=$order\_details[$i]['order\_id'];

$sub\_order\_id=$order\_details[$i]['sub\_order\_id'];

$order\_time=$order\_details[$i]['order\_time'];

$order\_date=$order\_details[$i]['order\_of\_date'];

$bk\_name=$order\_details[$i]['bk\_name'];

$bk\_id=$order\_details[$i]['bk\_id'];

$qnty=$order\_details[$i]['qnty'];

$price=$order\_details[$i]['price'];

$address=$order\_details[$i]['address'];

$payment=$order\_details[$i]['payment'];

$status=$order\_details[$i]['status'];

$remarks=$order\_details[$i]['remarks'];

if(strcasecmp($status,"Processing")==0)

$cancel="<button class='btn btn-danger modificaiton' value='$order\_id'>Cancel</button>";

else

$cancel="";

if($order\_details[$i]['order\_id']==$order\_details[$pre\_id]['order\_id'])

{

if($i==0)

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td>

<td>$cancel</td>

</tr>";

}

else

{

echo "<tr>

<td></td>

<td></td>

<td></td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td></td>

<td></td>

<td></td>

<td></td>

<td></td>

</tr>";

}

}

else

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td>

<td>$cancel</td>

</tr>";

}

$pre\_id=$i;

}

echo "</table>";

}

}

else

echo $order\_details;

?>

***Admin/sellers.php***

<?php

$seller\_info=sellers();

if(is\_array($seller\_info))

{

echo "<center><h3 style='color:green; margin-top:30px;'>Registered Book Vendors</h3></center>";

echo "<br /><table class='table'>

<tr>

<td>Seller Name</td>

<td>Address</td>

<td>Email</td>

<td>Phone</td>

<td>Status</td>

<td></td>

<td></td>

</tr>";

for($i=0;$i<count($seller\_info);$i++)

{

$seller\_id=$seller\_info[$i]['vendor\_id'];

if($seller\_info[$i]['v\_status']=='Pending')

$approve="<button class='btn btn-success approve' value='$seller\_id'>Approve</button>";

else

$approve="";

echo "<tr>

<td>".$seller\_info[$i]['v\_name']."</td>

<td>".$seller\_info[$i]['v\_address']."</td>

<td>".$seller\_info[$i]['v\_email']."</td>

<td>".$seller\_info[$i]['v\_phone']."</td>

<td>".$seller\_info[$i]['v\_status']."</td>

<td>$approve</td>

<td></td>

</tr>";

}

echo "</table>";

}

else

{

echo "<center><h3 style='color:red; margin-top:30px;'>$seller\_info</h3></center>";

}

?>

***Admin/view\_books.php***

<?php

$result=fetch\_books();

if(is\_array($result))

{

$table1='<table class="" id="edit\_book">

<tr style="font-weight:bold;">

<td>Sl no.</td>

<td>Book Name</td>

<td>Author</td>

<td>Publisher</td>

<td>Publication Year </td>

<td>ISBN-13</td>

<td>ISBN-10</td>

<td>Binding</td>

<td>No. of Pages</td>

<td>Language</td>

<td>Subject</td>

<td>Category</td>

<td>Book Info</td>

<td>Cover Photo</td>

<td>Price</td>

<td>Qnty</td>

</tr>';

if(count($result))

{

echo "<h3 style='text-align:center; color:#42EAF0;'><u>Books your have added into store</u></h3><br />";

echo $table1;

for($i=0;$i<count($result);$i++)

{

$n=$i+1;

echo "<tr>";

echo "<td>".$n."</td>";

for($j=1;$j<count($result[$i]);$j++)

{

if($result[$i][$j]==$result[$i][13])

echo "<td><img src=\"../cover\_pics/".$result[$i][$j]." \" alt=\"Book Cover\" height=\"100\" width=\"100\" /></td>";

else if($result[$i][$j]==$result[$i][12])

echo "<td>".substr($result[$i][$j],0,50)."...</td>";

else if($result[$i][$j]==$result[$i][14])

continue;

else

echo "<td>".$result[$i][$j]."</td>";

}

echo "</tr>";

}

echo "</table>";

}

}

else

{

echo "<center><h3 style='color:red; margin-top:30px;'>$result</h3></center>";}?>

***Admin/logout.php***

<?php

session\_start();

if(isset($\_SESSION['seller\_id']))

{

$\_SESSION=array();

if(isset($\_COOKIE[session\_name()]))

{

setcookie(session\_name(),'',time()-52000,'/');

}

}

session\_destroy();

header("Location:index.php");

?>

***Book vendors/index.php***

<!DOCTYPE HTML>

<?php

session\_start();

if(!isset($\_SESSION['seller\_id']))

header("Location:../index.php");

require\_once("pages/functions.php");

$vendor\_id=$\_SESSION['seller\_id'];

$profile\_details=seller\_info($vendor\_id);

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery-ui.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#add\_book").validate({

rules: {

bk\_name: "required",

author:"required",

publisher:"required",

pub\_yr:"required",

isbn\_13:"required",

isbn\_10:"required",

binding:"required",

no\_pages:"required",

lang:"required",

subject:"required",

info:"required",

// bk\_img:"required",

price:"required",

qnty:"required"

},

messages: {

bk\_name: "Enter the name of the book",

author:"Enter the name of the author of the book",

publisher:"Enter the name of the publisher",

pub\_yr:"Enter the publication year",

isbn\_13:"Enter ISBN-13 of the book",

isbn\_10:"Enter ISBN-10 of the book",

binding:"Enter the type of binding",

no\_pages:"Enter the number of pages",

lang:"Language of the book",

subject:"Subject of the book",

info:"Detail information about the book",

bk\_img:"Select the cover page image",

price:"Enter the price of the book",

qnty:"No. of quantity you want to add."

}

});

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').fadeIn();

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$(".modificaiton").click(function(){

var order\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/cancel\_order.php",

data: {id:order\_id},

success: function(data){

alert(data);

window.location.href="index.php?pid=3";

}

});

});

$(".despatch").click(function(){

var order\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/despatch\_order.php",

data: {id:order\_id},

success: function(data){

alert(data);

window.location.href="index.php?pid=3";

}

});

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="col-md-8"></div>

<div class="col-md-4"></div>

</div>

</div>

<div class="container-fluid" id="main">

<div class="row row-eq-height">

<div class="col-md-3 col-sm-3" id="leftpart">

<h1 style="font-family:Old English Text MT; margin-top:50px;"><u>Manage Books</u></h1>

<br />

<ul id="category">

<li><a href="index.php"> Home </a></li>

<li><a href="index.php?pid=1"> Add new book </a></li>

<li><a href="index.php?pid=2"> Change Book Info. </a></li>

<li><a href="index.php?pid=3"> Orders </a></li>

<li><a href="logout.php"> Logout </a></li>

</ul>

</div>

<div class="col-md-9 col-sm-9" id="rightpart">

<?php

if(isset($\_GET['pid']))

{

$pid=$\_GET['pid'];

if($pid==1)

require\_once("pages/add\_book.php");

else if($pid==2)

require\_once("pages/edit\_book.php");

else if($pid==3)

require\_once("pages/orders.php");

else

header("Location:index.php");

}

else

{?>

<form action="pages/update\_profile.php" method="post" id="update\_profile" style="margin-top:30px; margin-left:30px;">

<input type="hidden" name="user\_id" value="<?php echo $profile\_details['vendor\_id']; ?>" />

<table>

<tr>

<td>Your Name</td>

<td><input type="text" name="name" class="form-control" value="<?php echo $profile\_details['v\_name']; ?>" /></td>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" class="form-control" style="resize:none;"> <?php echo $profile\_details['v\_address']; ?> </textarea></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="email" class="form-control" value="<?php echo $profile\_details['v\_email']; ?>" /></td>

<input type="hidden" name="old\_email" class="form-control" value="<?php echo $profile\_details['v\_email']; ?>" /></td>

</tr>

<tr>

<td>Mobile No.</td>

<td><input type="text" name="mob" class="form-control" value="<?php echo $profile\_details['v\_phone']; ?>" /></td>

</tr>

<tr>

<td>Old Password</td>

<td><input type="password" name="pass" id="pass" class="form-control" /></td>

</tr>

<tr>

<td>New Password</td>

<td><input type="password" name="new\_pass" class="form-control" /> &nbsp;

[ If you want to change ]

</td>

</tr>

</table>

<br />

&nbsp; &nbsp;

<button id="update\_btn" name="update\_profile" class="btn btn-primary">Save changes</button>

<br />

<span id="msg" style="font-size:18px; color:#D85C1E; ">

</span>

</form>

<?php

}?>

</div></div></div></div>

</body>

</html>

***Book vendor/add\_book.php***

<br /><br />

<center>

<?php

if(isset($\_POST['add\_book']))

{

require\_once("functions.php");

$msg=add\_book();

if($msg===true)

{

echo "<h3 style='padding-top:20px'>Book details successfully stored in database. </h3>";

}

else

{

for($i=0;$i<count($msg);$i++)

{

echo "<h3 style='padding-top:20px'>$msg[$i]</h3>";

}

}

echo "<a href='index.php?pid=1' class='btn btn-lg btn-primary'>Back</a>";

}

else

{

?>

<h3><u>Add new book</u></h3><br />

<form action="<?php echo $\_SERVER['PHP\_SELF']."?pid=1" ?>" method="post" enctype="multipart/form-data" id="add\_book">

<table>

<tr>

<td>Book Name</td>

<td><input type="text" name="bk\_name" required /></td>

</tr>

<tr>

<td>Author</td>

<td><input type="text" name="author" required /></td>

</tr>

<tr>

<td>Publisher</td>

<td><input type="text" name="publisher" required /></td>

</tr>

<tr>

<td>Publication Year</td>

<td><input type="text" name="pub\_yr" required /></td>

</tr>

<tr>

<td>ISBN-13</td>

<td><input type="text" name="isbn\_13" value="---" required /></td>

</tr>

<tr>

<td>ISBN-10</td>

<td><input type="text" name="isbn\_10" value="---" required /></td>

</tr>

<tr>

<td>Binding</td>

<td><input type="text" name="binding" placeholder="Paperback" required /></td>

</tr>

<tr>

<td>No. of Pages</td>

<td><input type="number" name="no\_pages" required /></td>

</tr>

<tr>

<td>Language</td>

<td><input type="text" name="lang" required /></td>

</tr>

<tr>

<td>Subject</td>

<td><input type="text" name="subject" required /></td>

</tr>

<tr>

<td>Category</td>

<td>

<select name="category" id="" style="padding:3px;">

<option value="Arts & Photography">Arts & Photography</option>

<option value="Biography">Biography</option>

<option value="Business & Investing">Business & Investing</option>

<option value="Business & Investing">Children Books</option>

<option value="College Text & Reference">College Text & Reference</option>

<option value="Computer & Internet">Computer & Internet</option>

<option value="Cooking & Food">Cooking & Food</option>

<option value="Eductional and Professional">Eductional and Professional</option>

<option value="Entertainment">Entertainment</option>

<option value="Competitive Exams">Competitive Exams</option>

</select>

</td>

</tr>

<tr>

<td>Info :</td>

<td><textarea name="info" cols="25" rows="3" style="resize:none;" required ></textarea></td>

</tr>

<tr>

<td>Cover Image :</td>

<td><input type="file" name="bk\_img" class="btn btn-default" required /></td>

</tr>

<tr>

<td>Price(INR) </td>

<td><input type="number" name="price" required /></td>

</tr>

<tr>

<td>Quantity :</td>

<td><input type="number" name="qnty" required /></td>

</tr>

<tr>

<td><input type="submit" value="Add Book" name="add\_book" class="btn" /></td>

<td><input type="reset" value="Reset" class="btn" /></td>

</tr>

</table>

</form>

<?php

}

?>

</center>

***Book vendor/cancel\_order.php***

<?php

if(isset($\_POST['id']))

{

$order\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

$query="select orders.status,sub\_order.bk\_id,sub\_order.qnty

from orders

inner join sub\_order

on orders.order\_id=sub\_order.order\_id

where orders.order\_id='$order\_id'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$errors=0;

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

$bk\_id=$row['bk\_id'];

$qnty=$row['qnty'];

$query1="update books set qnty=qnty+$qnty where bk\_id=$bk\_id";

if(!mysqli\_query($con,$query1))

{

$errors++;

}

}

if($errors==0)

{

$query2="update orders set status='Cancelled', remarks='Cancelled by Seller.' where order\_id=$order\_id";

if(mysqli\_query($con,$query2))

{

mysqli\_query($con,"COMMIT");

echo "Order Cancelled !!!";

}

else

{

echo mysqli\_error($con);

mysqli\_query($con,"ROLLBACK");

}

}

}

}

}

else

echo "Database connection failed.";

}?>

***Book vendor/dispatch\_order.php***

<?php

if(isset($\_POST['id']))

{

$order\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$query="update orders set status='Despatched', remarks='Books have been despatched.' where order\_id=$order\_id";

if(mysqli\_query($con,$query))

echo "Books have been despatched to the address.";

else

echo "Books are at store.";

}

else

echo "Database connection failed.";

}

?>

***Book vendor/edit\_book.php***

<?php

require\_once("functions.php");

if(isset($\_GET['pid']) && !isset($\_GET['bk\_id']))

{

echo "<br /><br />";

$table1='<table class="" id="edit\_book">

<tr style="font-weight:bold;">

<td>Sl no.</td>

<td>Book Name</td>

<td>Author</td>

<td>Publisher</td>

<td>Publication Year </td>

<td>ISBN-13</td>

<td>ISBN-10</td>

<td>Binding</td>

<td>No. of Pages</td>

<td>Language</td>

<td>Subject</td>

<td>Category</td>

<td>Book Info</td>

<td>Cover Photo</td>

<td>Price</td>

<td>Qnty</td>

<td>Edit</td>

</tr>';

$result=fetch\_book();

if(is\_array($result))

{

if(count($result))

{

echo "<h3 style='text-align:center; color:#42EAF0;'><u>Books your have added into store</u></h3><br />";

echo $table1;

for($i=0;$i<count($result);$i++)

{

$n=$i+1;

echo "<tr>";

echo "<td>".$n."</td>";

for($j=1;$j<count($result[$i]);$j++)

{

if($result[$i][$j]==$result[$i][13])

echo "<td><img src=\"../cover\_pics/".$result[$i][$j]." \" alt=\"Book Cover\" height=\"100\" width=\"100\" /></td>";

else if($result[$i][$j]==$result[$i][12])

echo "<td>".substr($result[$i][$j],0,50)."...</td>";

else

echo "<td>".$result[$i][$j]."</td>";

}

echo "<td><a href=\"index.php?pid=2&bk\_id=".$result[$i][0]."\">Edit</a></td>";

echo "</tr>";

}

echo "</table>";

}

Else

{

echo "<h3 style='color:red; text-align:center;'>No book details found. <br /><br />

<a href='index.php' class='btn btn-lg btn-default'>Back</a>

.</h3>";

}

}

else

{

echo "<h3 style='color:red; text-align:center;'>$result <br /><br />

<a href='index.php' class='btn btn-lg btn-default'>Back</a>

.</h3>";

}

}

else if(isset($\_GET['pid']) && isset($\_GET['bk\_id']) && !isset($\_POST['update\_book']))

{

if($\_GET['bk\_id']=='' || !is\_numeric($\_GET['bk\_id']))

header("Location:index.php");

$id=$\_GET['bk\_id'];

$info=fetch\_single\_book($id);

if(!is\_array($info))

header("Location:index.php");

$options=array(

"Arts & Photography",

"Biography",

"Business & Investing",

"Children Books",

"College Text & Reference",

"Computer & Internet",

"Cooking & Food",

"Eductional and Professional",

"Entertainment",

"Competitive Exams"

);

?>

<center>

<h3><u>Edit book details </u></h3><br />

<form action="<?php echo $\_SERVER['PHP\_SELF']."?pid=2&bk\_id=$id" ?>" method="post" enctype="multipart/form-data" id="add\_book">

<table>

<tr>

<td>Book Name</td>

<td><input type="text" name="bk\_name" value="<?php echo $info[1]; ?>" required /></td>

</tr>

<tr>

<td>Author</td>

<td><input type="text" name="author" value="<?php echo $info[2]; ?>" required /></td>

</tr>

<tr>

<td>Publisher</td>

<td><input type="text" name="publisher" value="<?php echo $info[3]; ?>" required /></td>

</tr>

<tr>

<td>Publication Year</td>

<td><input type="text" name="pub\_yr" value="<?php echo $info[4]; ?>" required /></td>

</tr>

<tr>

<td>ISBN-13</td>

<td><input type="text" name="isbn\_13" value="<?php echo $info[5]; ?>" required /></td>

</tr>

<tr>

<td>ISBN-10</td>

<td><input type="text" name="isbn\_10" value="<?php echo $info[6]; ?>" required /></td>

</tr>

<tr>

<td>Binding</td>

<td><input type="text" name="binding" placeholder="Paperback" value="<?php echo $info[7]; ?>" required /></td>

</tr>

<tr>

<td>No. of Pages</td>

<td><input type="number" name="no\_pages" value="<?php echo $info[8]; ?>" required /></td>

</tr>

<tr>

<td>Language</td>

<td><input type="text" name="lang" value="<?php echo $info[9]; ?>" required /></td>

</tr>

<tr>

<td>Subject</td>

<td><input type="text" name="subject" value="<?php echo $info[10]; ?>" required /></td>

</tr>

<tr>

<td>Category</td>

<td>

<select name="category" id="" style="padding:3px;">

<?php

foreach($options as $cat)

{

if($cat==$info[11])

echo "<option value=\"$cat\" style=\"color:#155895; background-color:#F6FFAA; font-weight:bold; \" selected>$cat</option>";

else

echo "<option value=\"$cat\" >$cat</option>";

}

?>

</select>

</td>

</tr>

<tr>

<td>Info :</td>

<td><textarea name="info" cols="25" rows="3" style="resize:none;" required ><?php echo $info[12]; ?></textarea></td>

</tr>

<tr>

<td>Cover Image :</td>

<td><img src="../cover\_pics/<?php echo $info[13]; ?>" alt="Book Cover" height="100" width="100" />

<input type="hidden" name="bk\_pre\_img" value="<?php echo $info[13]; ?>" />

<input type="file" name="bk\_img" class="btn btn-default" /></td>

</tr>

<tr>

<td>Price(INR) </td>

<td><input type="number" name="price" value="<?php echo $info[14]; ?>" required /></td>

</tr>

<tr>

<td>Quantity :</td>

<td><input type="number" name="qnty" value="<?php echo $info[15]; ?>" required /></td>

</tr>

<tr>

<td><input type="submit" value="Update Book" name="update\_book" class="btn" /></td>

<td><input type="reset" value="Reset" class="btn" /></td>

</tr>

</table>

</form>

</center>

<?php

}

else if(isset($\_GET['pid']) && isset($\_GET['bk\_id']) && isset($\_POST['update\_book']))

{

if($\_GET['bk\_id']=='' || !is\_numeric($\_GET['bk\_id']))

header("Location:index.php");

$msg=update\_book($\_GET['bk\_id']);

if($msg===true)

{

echo "<h3 style='padding-top:20px'>Book details successfully updated in database. </h3>";

}

else

{

for($i=0;$i<count($msg);$i++)

{

echo "<h3 style='padding-top:20px'>$msg[$i]</h3>";

}

}

echo "<a href='index.php?pid=2' class='btn btn-lg btn-primary'>Back</a>";

}

else

{

header("location:index.php");

}

?>

***Book vendor/functions.php***

<?php

function connection()

{

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

return $con;

else

return false;

}

function add\_book()

{

$errors=array();

if($con=connection())

{

$vendor\_id=$\_SESSION['seller\_id'];

$bk\_name=mysqli\_real\_escape\_string($con,trim($\_POST['bk\_name']));

$author=mysqli\_real\_escape\_string($con,trim($\_POST['author']));

$publisher=mysqli\_real\_escape\_string($con,trim($\_POST['publisher']));

$pub\_yr=mysqli\_real\_escape\_string($con,trim($\_POST['pub\_yr']));

$isbn\_13=mysqli\_real\_escape\_string($con,trim($\_POST['isbn\_13']));

$isbn\_10=mysqli\_real\_escape\_string($con,trim($\_POST['isbn\_10']));

$binding=mysqli\_real\_escape\_string($con,trim($\_POST['binding']));

$no\_pages=mysqli\_real\_escape\_string($con,trim($\_POST['no\_pages']));

$lang=mysqli\_real\_escape\_string($con,trim($\_POST['lang']));

$subject=mysqli\_real\_escape\_string($con,trim($\_POST['subject']));

$category=$\_POST['category'];

$info=mysqli\_real\_escape\_string($con,trim($\_POST['info']));

$price=mysqli\_real\_escape\_string($con,trim($\_POST['price']));

$qnty=mysqli\_real\_escape\_string($con,trim($\_POST['qnty']));

$file\_name=mysqli\_real\_escape\_string($con,trim($\_FILES['bk\_img']['name']));

$file\_size=$\_FILES['bk\_img']['size'];

$file\_tmp=$\_FILES['bk\_img']['tmp\_name'];

$file\_type=$\_FILES['bk\_img']['type'];

$ext=explode('.',$file\_name);

$file\_ext=strtolower(end($ext));

$extensions=array('jpeg','jpg','png');

f(in\_array($file\_ext,$extensions)===false)

$errors[]="Extension not allowed, please choose a jpep or png file.";

if($file\_size>1048576)

$errors[]="File size must be less than 1MB.";

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

$query1="select \* from books where bk\_name='$bk\_name' and vendor\_id=$vendor\_id";

if(mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$errors[]="Your have already added the book to store.";

return $errors;

}

else

{

$query="insert into books(bk\_name,author,publisher,publication\_year,isbn\_13,isbn\_10,binding,no\_pages,language,subject,category,info,bk\_img,vendor\_id,price,qnty)

values ('$bk\_name','$author','$publisher',$pub\_yr,'$isbn\_13','$isbn\_10','$binding',$no\_pages,'$lang','$subject','$category','$info','$file\_name',$vendor\_id,$price,$qnty) ";

if(mysqli\_query($con,$query))

{

if(empty($errors)==true)

{

move\_uploaded\_file($file\_tmp,"../cover\_pics/".$file\_name);

mysqli\_query($con,"COMMIT");

return true;

}

else

{

mysqli\_query($con,"ROLLBACK");

return $errors;

}

}

else

{

$errors[]="Book details insertion failed due to query error.";

return $errors;

}

}

}

else

return $errors;

}

else

{

$errors[]="Database connection failed.";

return $errors;

}

}

function fetch\_book()

{

$vendor\_id=$\_SESSION['seller\_id'];

if($con=connection())

{

$query="select bk\_id,bk\_name,author,publisher,publication\_year,isbn\_13,isbn\_10,binding,no\_pages,language,subject,category,info,bk\_img,price,qnty from books where vendor\_id=$vendor\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$msg=array();

while($row=mysqli\_fetch\_row($result))

{

array\_push($msg,$row);

}

return $msg;

}

else

{

$msg1="No books found which you have inserted.";

return $msg1;

}

}

else

{

$msg1="Query error.";

return $msg;

}

}

}

function fetch\_single\_book($id)

{

$vendor\_id=$\_SESSION['seller\_id'];

$bk\_id=trim($id);

if($con=connection())

{

$query="select bk\_id,bk\_name,author,publisher,publication\_year,isbn\_13,isbn\_10,binding,no\_pages,language,subject,category,info,bk\_img,price,qnty from books where bk\_id=$bk\_id and vendor\_id=$vendor\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$row=mysqli\_fetch\_array($result);

return $row;

}

else

{

$msg1="No books found which you have inserted.";

return $msg1;

}

}

else

{

$msg1="Query error.";

return $msg1;

}

}

}

function update\_book($bk\_id)

{

$id=trim($bk\_id);

$errors=array();

if($con=connection())

{

$vendor\_id=$\_SESSION['seller\_id'];

$bk\_name=mysqli\_real\_escape\_string($con,trim($\_POST['bk\_name']));

$author=mysqli\_real\_escape\_string($con,trim($\_POST['author']));

$publisher=mysqli\_real\_escape\_string($con,trim($\_POST['publisher']));

$pub\_yr=mysqli\_real\_escape\_string($con,trim($\_POST['pub\_yr']));

$isbn\_13=mysqli\_real\_escape\_string($con,trim($\_POST['isbn\_13']));

$isbn\_10=mysqli\_real\_escape\_string($con,trim($\_POST['isbn\_10']));

$binding=mysqli\_real\_escape\_string($con,trim($\_POST['binding']));

$no\_pages=mysqli\_real\_escape\_string($con,trim($\_POST['no\_pages']));

$lang=mysqli\_real\_escape\_string($con,trim($\_POST['lang']));

$subject=mysqli\_real\_escape\_string($con,trim($\_POST['subject']));

$category=$\_POST['category'];

$info=mysqli\_real\_escape\_string($con,trim($\_POST['info']));

$price=mysqli\_real\_escape\_string($con,trim($\_POST['price']));

$qnty=mysqli\_real\_escape\_string($con,trim($\_POST['qnty']));

$bk\_pre\_img=mysqli\_real\_escape\_string($con,trim($\_POST['bk\_pre\_img']));

if(trim($\_FILES['bk\_img']['name'])!="")

{

$file\_name=mysqli\_real\_escape\_string($con,trim($\_FILES['bk\_img']['name']));

$file\_size=$\_FILES['bk\_img']['size'];

$file\_tmp=$\_FILES['bk\_img']['tmp\_name'];

$file\_type=$\_FILES['bk\_img']['type'];

$ext=explode('.',$file\_name);

$file\_ext=strtolower(end($ext));

$extensions=array('jpeg','jpg','png');

if(in\_array($file\_ext,$extensions)===false)

$errors[]="Extension not allowed, please choose a jpep or png file.";

if($file\_size>1048576)

$errors[]="File size must be less than 1MB.";

$query="update books set

bk\_name='$bk\_name',author='$author',publisher='$publisher',publication\_year=$pub\_yr,

isbn\_13='$isbn\_13',isbn\_10='$isbn\_10',binding='$binding',no\_pages=$no\_pages,language='$lang',

subject='$subject',category='$category',info='$info',bk\_img='$file\_name',price=$price,qnty=$qnty where bk\_id=$id";

}

else

$query="update books set

bk\_name='$bk\_name',author='$author',publisher='$publisher',publication\_year=$pub\_yr,

isbn\_13='$isbn\_13',isbn\_10='$isbn\_10',binding='$binding',no\_pages=$no\_pages,language='$lang',

subject='$subject',category='$category',info='$info',price=$price,qnty=$qnty where bk\_id=$id";

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

if(mysqli\_query($con,$query))

{

if(empty($errors)==true)

{

if(isset($file\_name))

{

unlink("../cover\_pics/".$bk\_pre\_img);

move\_uploaded\_file($file\_tmp,"../cover\_pics/".$file\_name);

}

mysqli\_query($con,"COMMIT");

return true;

}

else

{

mysqli\_query($con,"ROLLBACK");

$errors[]="Book details updation failed due to query error.";

return $errors;

}

}

else

return $errors;

}

else

{

$errors[]="Database connection failed.";

return $errors;

}

}

function seller\_info()

{

$con=connection();

if($con)

{

$vendor\_id=$\_SESSION['seller\_id'];

$query="select \* from book\_vendors where vendor\_id=$vendor\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$info=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

return $info;

}

}

}

}

function order\_details($id)

{

$user\_id=$id;

if($con=connection())

{

$query="select orders.order\_id,orders.order\_of\_date,orders.order\_time,orders.address,orders.payment,

orders.status,orders.remarks,sub\_order.sub\_order\_id,sub\_order.bk\_id,sub\_order.bk\_name,sub\_order.qnty,sub\_order.price,books.bk\_id

from orders

inner join sub\_order on orders.order\_id=sub\_order.order\_id

inner join books on books.bk\_id=sub\_order.bk\_id

where books.vendor\_id=$user\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$info=array();

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$info="No details found";

return $info;

}

}

else

{

$error=mysqli\_error($con);

return $error;

}

}

}

?>

***Book vendor/orders.php***

<?php

$vendor\_id=$\_SESSION['seller\_id'];

$order\_details=order\_details($vendor\_id);

if(is\_array($order\_details))

{

if(count($order\_details))

{

echo "<table class='table'>

<tr>

<td>Order Id</td>

<td>Order Date</td>

<td>Order Time</td>

<td>Sub Order Id</td>

<td>Book Name</td>

<td>Quatity</td>

<td>Price</td>

<td>Address</td>

<td>Mode of Payment</td>

<td>Status</td>

<td>Remarks</td>

<td></td>

</tr>";

$total=count($order\_details);

$pre\_id=0;

for($i=0;$i<$total;$i++)

{

$order\_id=$order\_details[$i]['order\_id'];

$sub\_order\_id=$order\_details[$i]['sub\_order\_id'];

$order\_time=$order\_details[$i]['order\_time'];

$order\_date=$order\_details[$i]['order\_of\_date'];

$bk\_name=$order\_details[$i]['bk\_name'];

$bk\_id=$order\_details[$i]['bk\_id'];

$qnty=$order\_details[$i]['qnty'];

$price=$order\_details[$i]['price'];

$address=$order\_details[$i]['address'];

$payment=$order\_details[$i]['payment'];

$status=$order\_details[$i]['status'];

$remarks=$order\_details[$i]['remarks'];

if(strcasecmp($status,"Processing")==0)

$cancel="<button class='btn btn-danger modificaiton' value='$order\_id'>Cancel</button>";

else

$cancel="";

if(strcasecmp($status,"Despatched")==0)

$despatch="";

else

{

if(strcasecmp($status,"Cancelled")==0)

$despatch="";

else

$despatch="<button class='btn btn-warning despatch' value='$order\_id' style='margin-top:10px;'>Despatch</button>";

}

if($order\_details[$i]['order\_id']==$order\_details[$pre\_id]['order\_id'])

{

if($i==0)

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td> <td>$cancel &nbsp; $despatch</td>

</tr>";

}

else

{

echo "<tr>

<td></td>

<td></td>

<td></td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td></td>

<td></td>

<td></td>

<td></td>

<td></td>

</tr>";

}

}

else

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td>

<td>$cancel &nbsp; $despatch</td>

</tr>";

}

$pre\_id=$i;

}

echo "</table>";

}

}

else

echo $order\_details;

?>

***Book vendor/update\_profile.php***

<?php

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$userid=mysqli\_real\_escape\_string($con,trim($\_POST['user\_id']));

$name=mysqli\_real\_escape\_string($con,trim($\_POST['name']));

$address=mysqli\_real\_escape\_string($con,trim($\_POST['address']));

$email=mysqli\_real\_escape\_string($con,trim($\_POST['email']));

$old\_email=mysqli\_real\_escape\_string($con,trim($\_POST['old\_email']));

$phone=mysqli\_real\_escape\_string($con,trim($\_POST['mob']));

$pass=mysqli\_real\_escape\_string($con,trim($\_POST['pass']));

$password=md5($pass);

$new\_pass=mysqli\_real\_escape\_string($con,trim($\_POST['new\_pass']));

$new\_password=md5($new\_pass);

if(strcasecmp($email,$old\_email)==0)

goto cont;

$query1="select \* from book\_vendors where v\_email='$email'";

if(mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

echo "Email can not be changed as it is already registered.";

}

else

{

cont:

$query="select \* from book\_vendors where vendor\_id=$userid and v\_pass='$password'";

if(mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

if($new\_pass=='')

$query2="update book\_vendors set v\_name='$name',v\_address='$address',v\_phone=$phone,v\_email='$email' where vendor\_id=$userid";

else

$query2="update book\_vendors set v\_name='$name',v\_address='$address',v\_phone=$phone,v\_email='$email',v\_pass='$new\_password' where vendor\_id=$userid";

if(mysqli\_query($con,$query2))

{

echo "Profile details successfully updated.";

}

else

{

echo "Oops! profile not updated.";

}

}

else

{

echo "Your account password did not match.";

}

}

else

{

echo "Oops! Query could not process.";

}

}

}

else

{

echo "Oops! Query could not process for email varification.";

}

}

else

{

echo "Database connection failed.";

}

?>

***Book vendor/logout.php***

<?php

session\_start();

if(isset($\_SESSION['seller\_id']))

{

$\_SESSION=array();

if(isset($\_COOKIE[session\_name()]))

{

setcookie(session\_name(),'',time()-52000,'/');

}

}

session\_destroy();

header("Location:index.php");

?>

***author-list.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="author-list.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<?php require\_once("header.php"); ?>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<?php

if(isset($\_GET['author']))

{

$author=$\_GET['author'];

echo "<h5>

<a href=\"index.php\">Home</a> &nbsp; > &nbsp;

<a href=\"author-list.php\">Authors</a> &nbsp; > &nbsp;

$author

<hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">$author</font></h3><br />";

$book\_info=book\_info($author);

if(is\_array($book\_info))

{

$books=count($book\_info);

$i=0;

while($i<$books)

{

echo "<div class=\"author\" >";

for($j=$i;$j<$i+5;$j++)

{

if($j>=$books)

break;

echo "<div class=\"author-books\">";

echo "<a href=\"details.php?bk\_id=".$book\_info[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$book\_info[$j]['bk\_img']."\" style=\"height:70%; width:100%; \"/>";

echo $book\_info[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$book\_info[$j]['price']."</font>";

echo "</div>";

}

echo "</div>";

echo "<br clear='all' />";

$i=$i+5;

}

}

else

{

echo "<h3 style=\"color:red;\">$book\_info</h3>";

}

}

else

{

echo "<h5><a href=\"index.php\">Home</a> &nbsp; > &nbsp; Authors <hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">Authors</font></h3><br />";

$record=author\_list();

if(is\_array($record))

{

$i=0;

while($i<count($record))

{

echo "<div class='col-md-2'><ul>";

for($j=$i;$j<$i+10;$j++)

{

if($j>=count($record))

break;

if(strcasecmp(trim($record[$j]),"unknown")==0)

echo "";

else

echo "<li><a href=\"author-list.php?author=".$record[$j]."\">$record[$j]</a></li>";

}

echo "</ul></div>";

$i=$i+10;

}

}

else

echo $record;

}?>

</div></div>

<?php

require\_once("pages/profile.php");

?></div></body></html>

***details.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

if(!isset($\_GET['bk\_id']))

header("Location:index.php");

$id=$\_GET['bk\_id'];

$book\_details=book\_details($id);

$book\_info=same\_category($id);

if(!is\_array($book\_details))

header("Location:index.php");

if(isset($\_SESSION['id']))

{

$status='true';

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

else

{

$\_SESSION=array();

$\_SESSION['page\_location']="details.php?bk\_id=$id";

$status='false';

}

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$("#add\_cart").click(function(){

var status=<?php echo $status; ?> ;

if(status==false)

window.location.href = "login.php?bk\_id=<?php echo $id; ?>";

else

{

var bk\_id=$("#add\_cart").val();

$.ajax({

type: 'POST',

url: "pages/add\_to\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="details.php?bk\_id="+bk\_id;

}

});

}

});

$(".glyphicon-minus").click(function(){

var bk\_id=$(this).attr("value");

var bk=<?php echo $\_GET['bk\_id']; ?>

$.ajax({

type: 'POST',

url: "pages/remove\_from\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="details.php?bk\_id="+bk;

}

});

});

$(".glyphicon-plus").click(function(){

var bk\_id=$(this).attr("value");

var bk=<?php echo $\_GET['bk\_id']; ?>

$.ajax({

type: 'POST',

url: "pages/add\_to\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="details.php?bk\_id="+bk;

}

});

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<?php require\_once("header.php"); ?>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-details" style="padding:30px;">

<div class="row"><a href="index.php">Home </a> > <?php echo $book\_details['bk\_name']; ?> <br /></div>

<div class="row row-eq-height-details " >

<div class="col-md-2 col-sm-3 col-xs-3" style="border-right:1px dotted;"> <img src="cover\_pics/<?php echo $book\_details['bk\_img']; ?>" alt="" style="height:200px; width:150px; border:1px solid #EAEAEA; margin-top:15px;" /></div>

<div class="col-md-5 col-sm-5 col-xs-5" style="border-right:1px dotted;">

<h3><?php echo $book\_details['bk\_name']; ?></h3>

<h4>

<b>Author : </b> <?php echo $book\_details['author']; ?> <br /><br />

<b>Publisher : </b> <?php echo $book\_details['publisher']; ?> <br /><br />

<b>Price ( Rs ) : </b> <?php echo $book\_details['price']; ?> /- <br /><br /><br />

</h4>

<?php

if($book\_details['qnty']==0)

echo "<button class='btn btn-danger' style='pointer-events: none;'>Out of stock </button>";

else

echo "<button class='btn btn-info' id='add\_cart' value='".$book\_details['bk\_id']."'>Add To Cart </button> &nbsp; &nbsp; <button class='btn btn-danger' id='buy\_now' value='".$book\_details['bk\_id']."'>Buy Now</button>" ;

?></div>

<div class="col-md-5 col-sm-5 col-xs-5">

<div id="cart">

<div class="panel panel-primary">

<!-- Default panel contents -->

<div class="panel-heading"><h4>Cart Items</h4></div>

<div class="panel-body" >

<?php

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$info=fetch\_cart\_items($id);

if(is\_array($info))

{

if(!is\_array($info[0]))

echo $info[0];

else

{

$total=0;

echo "<table class='table'>";

echo "<tr style='background-color:#353535; color:#fff;'><td>Book</td><td>Quantity</td><td>Price</td></tr>";

for($i=0;$i<count($info);$i++)

{

$sl=$i+1;

$bk\_id=$info[$i]['bk\_id'];

$price=$info[$i]['qnty']\*$info[$i]['price'];

$total=$total+$price;

echo "<tr><td>$sl. &nbsp;".$info[$i]['bk\_name']."</td><td>

<span class='glyphicon glyphicon-minus btn' aria-hidden='true' value=\"$bk\_id\" ></span>

<font style='font-size:15px; font-weight:bold;'>".$info[$i]['qnty']."

</font><span class='glyphicon glyphicon-plus btn' aria-hidden='true' value=\"$bk\_id\" ></span>

</td><td>".$price."</td></tr>";

}

echo "<tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr>";

echo "<tr style=''><td style='font-weight:bold; border-bottom:1px solid; border-top:1px solid; '>Total</td>

<td style='border-bottom:1px solid ; border-top:1px solid;'></td>

<td style='border-bottom:1px solid ; border-top:1px solid;' class='pull-right'>$total</td></tr>";

echo "</table>";

echo "<a href='cart.php'><button class='btn btn-primary pull-right' style='margin-top:30px;'>Proceed To Checkout</button></a>";

}

}

else

{

echo $info;

}

}

else

{

echo "Your cart is empty.";

}?>

</div> </div></div></div></div>

<div class="row" style="padding:30px; height:35%; ">

<br /><br />

<ul class="nav nav-tabs" role="tablist">

<li role="presentation" class="active"><a href="#specification" aria-controls="home" role="tab" data-toggle="tab">PRODUCT SPECIFICATIONS</a></li>

<li role="presentation"><a href="#information" aria-controls="profile" role="tab" data-toggle="tab">INFORMATION</a></li>

</ul>

<!-- Tab panes -->

<div class="tab-content" style="padding:20px; overflow:auto;">

<div role="tabpanel" class="tab-pane active" id="specification">

<table class="table table-responsive">

<tr>

<td>Publisher</td>

<td><?php echo $book\_details['publisher']; ?></td>

</tr>

<tr>

<td>Publication Year</td>

<td><?php echo $book\_details['publication\_year']; ?></td>

</tr>

<tr>

<td>ISBN-13</td>

<td><?php echo $book\_details['isbn\_13']; ?></td>

</tr>

<tr>

<td>ISBN-10</td>

<td><?php echo $book\_details['isbn\_10']; ?></td>

</tr>

<tr>

<td>Binding</td>

<td><?php echo $book\_details['binding']; ?></td>

</tr>

<tr>

<td>Number of pages</td>

<td><?php echo $book\_details['no\_pages']; ?></td>

</tr>

<tr>

<td>Language</td>

<td><?php echo $book\_details['language']; ?></td>

</tr>

</table></div>

<div role="tabpanel" class="tab-pane" id="information" style="overflow:auto;">

<?php echo $book\_details['info']; ?>

</div></div></div>

<hr />

<div class="row" style="padding:10px 30px; overflow:auto;">

<h3> <u> Similar Items </u> </h3>

<?php

if(is\_array($book\_info))

{

$books=count($book\_info);

$i=0;

while($i<$books)

{

echo "<div class=\"author\" >";

for($j=$i;$j<$i+5;$j++)

{

if($j>=$books)

break;

echo "<div class=\"author-books\">";

echo "<a href=\"details.php?bk\_id=".$book\_info[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$book\_info[$j]['bk\_img']."\" style=\"height:70%; width:100%; \"/>";

echo $book\_info[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$book\_info[$j]['price']."</font>";

echo "</div>";

}

echo "</div>";

echo "<br clear='all' />";

$i=$i+5;

}

}

else

echo "<h4 style='color:red;'>$book\_info<h4>";

?></div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***functions.php***

<?php

function connection()

{

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

return $con;

else

return false;

}

function author\_list()

{

$con=connection();

if($con)

{

$info=array();

$query="select author from books group by author order by author ";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result))

{ array\_push($info,$row[0]); }

return $info;

}

else {

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function book\_info($authors)

{

$con=connection();

if($con)

{

$author=mysqli\_real\_escape\_string($con,trim($authors));

$info=array();

$query="select bk\_id,bk\_name,bk\_img,price from books where author like '%$author%'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function book\_details($id)

{

$con=connection();

if($con)

{

$bk\_id=mysqli\_real\_escape\_string($con,trim($id));

$query="select \* from books where bk\_id=$bk\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$details=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

return $details;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function same\_category($id)

{

$con=connection();

if($con)

{

$bk\_id=mysqli\_real\_escape\_string($con,trim($id));

$query="select category from books where bk\_id=$bk\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$category=mysqli\_fetch\_array($result,MYSQLI\_NUM);

$query1="select \* from books where category like '%$category[0]%' and bk\_id<>$bk\_id"; if($result1=mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$records=array(); while($details=mysqli\_fetch\_array($result1,MYSQLI\_ASSOC))

{

array\_push($records,$details);

}

return $records;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}}

function book\_category($category)

{

$con=connection();

if($con)

{

$cat=mysqli\_real\_escape\_string($con,trim($category));

$info=array();

$query="select bk\_id,bk\_name,bk\_img,price from books where category like '%$cat%'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function publishers()

{

$con=connection();

if($con)

{

$info=array();

$query="select publisher from books group by author order by author ";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result))

{ array\_push($info,$row[0]); }

return $info;

}

else {

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function book\_publisher($publisher)

{

$con=connection();

if($con)

{

$pub=mysqli\_real\_escape\_string($con,trim($publisher));

$info=array();

$query="select bk\_id,bk\_name,bk\_img,price from books where publisher like '%$pub%'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function book\_search($search\_by,$search\_item)

{

$con=connection();

if($con)

{

$s\_by=mysqli\_real\_escape\_string($con,trim($search\_by));

$s\_item=mysqli\_real\_escape\_string($con,trim($search\_item));

$info=array();

if($s\_by=='Book')

$query="select bk\_id,bk\_name,bk\_img,price from books where bk\_name like '%$s\_item%' or isbn\_13 like '%$s\_item%' or isbn\_10 like '%$s\_item%'";

if($s\_by=='Author')

$query="select bk\_id,bk\_name,bk\_img,price from books where author like '%$s\_item%'";

if($s\_by=='Subject')

$query="select bk\_id,bk\_name,bk\_img,price from books where subject like '%$s\_item%'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$msg="Oops! No record found.";

return $msg;

}

}

else

{

$msg="Oops! Query error.";

return $msg;

}

}

else

{

$msg="Oops! Database connection failed.";

return $msg;

}

}

function signup($data)

{

$con=connection();

if($con)

{

$name=mysqli\_real\_escape\_string($con,trim($data['name']));

$address=mysqli\_real\_escape\_string($con,trim($data['address']));

$email=mysqli\_real\_escape\_string($con,trim($data['email']));

$mob=mysqli\_real\_escape\_string($con,trim($data['mob']));

$pass=mysqli\_real\_escape\_string($con,trim($data['pass']));

$password=md5($pass);

$query1="select \* from user where email='$email'";

if(mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$msg="<h4 style='color:red'>Email id has been already registered.</h4>";

return $msg;

}

else

{

$query="insert into user(name,address,email,phone,password) values('$name','$address','$email',$mob,'$password') ";

if(mysqli\_query($con,$query))

{

$msg="<h4 style='color:green'>Your account have been created successfully.</h4>";

return $msg;

}

else

{

$msg="<h4 style='color:red'>Oops! Query could not process.</h4>";

return $msg;

}

}

}

else

{

$msg="<h4 style='color:red'>Oops! Query could not process for email varification.</h4>";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}

}

function login($data)

{

if($con=connection())

{

$email=mysqli\_real\_escape\_string($con,trim($data['login\_email']));

$pass=mysqli\_real\_escape\_string($con,trim($data['password']));

$password=md5($pass);

$query="select \* from user where email='$email'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$query1="select \* from user where email='$email' and password='$password' limit 1";

if($result1=mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$row=mysqli\_fetch\_array($result1,MYSQLI\_ASSOC);

return $row;

}

else

{

$msg="Password does not matched.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="Email is not registered.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}

}

function fetch\_profile($id)

{

$user\_id=$id;

$con=connection();

if($con)

{

$query="select \* from user where user\_id=$user\_id";

if($result=mysqli\_query($con,$query))

{

$row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

return $row;

}

}

}

function fetch\_cart\_items($id)

{

$user\_id=$id;

$item=array();

if($con=connection())

{

$query="select books.bk\_id,books.bk\_name,books.price,cart\_items.qnty

from books

inner join cart\_items

on books.bk\_id=cart\_items.bk\_id

where cart\_items.user\_id=$id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($item,$row);

}

return $item;

}

else

{

$item[]="<h4 style='color:red'>Your cart is empty.</h4>";

return $item;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Query could not process.</h4>";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}

}

function order\_details($id)

{

$user\_id=$id;

if($con=connection())

{

$query="select orders.order\_id,orders.order\_of\_date,orders.order\_time,orders.address,orders.payment,

orders.status,orders.remarks,sub\_order.sub\_order\_id,sub\_order.bk\_id,sub\_order.bk\_name,sub\_order.qnty,sub\_order.price

from orders

inner join sub\_order

on orders.order\_id=sub\_order.order\_id

where orders.user\_id=$user\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$info=array();

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

array\_push($info,$row);

}

return $info;

}

else

{

$info="No details found";

return $info;

}

}

else

{

$error=mysqli\_error($con);

return $error;

}

}

}

function seller\_signup($data)

{

$con=connection();

if($con)

{

$v\_name=mysqli\_real\_escape\_string($con,trim($data['name']));

$v\_address=mysqli\_real\_escape\_string($con,trim($data['address']));

$v\_email=mysqli\_real\_escape\_string($con,trim($data['email']));

$v\_phone=mysqli\_real\_escape\_string($con,trim($data['mob']));

$v\_pass=mysqli\_real\_escape\_string($con,trim($data['pass']));

$password=md5($v\_pass);

$query1="select \* from book\_vendors where v\_email='$v\_email'";

if(mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$msg="<h4 style='color:red'>Email id has been already registered.</h4>";

return $msg;

}

else

{

$query="insert into book\_vendors(v\_name,v\_address,v\_email,v\_phone,v\_pass,v\_status) values('$v\_name','$v\_address','$v\_email',$v\_phone,'$password','Pending') ";

if(mysqli\_query($con,$query))

{

$msg="<h4 style='color:green'>Your account have been created successfully. But need approval from admin.</h4>";

return $msg;

}

else

{

$msg="<h4 style='color:red'>Oops! Query could not process.</h4>";

return $msg;

}

}

}

else

{

$msg="<h4 style='color:red'>Oops! Query could not process for email varification.</h4>";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}

}

function seller\_login($data)

{

if($con=connection())

{

$email=mysqli\_real\_escape\_string($con,trim($data['login\_email']));

$pass=mysqli\_real\_escape\_string($con,trim($data['password']));

$password=md5($pass);

$query="select \* from book\_vendors where v\_email='$email'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$query1="select \* from book\_vendors where v\_email='$email' and v\_pass='$password' limit 1";

if($result1=mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$row=mysqli\_fetch\_array($result1,MYSQLI\_ASSOC);

if($row['v\_status']=="Pending")

{

$msg="You need approval from admin. Please contact with admin.";

return $msg;

}

else

return $row;

}

else

{

$msg="Password does not matched.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="Email is not registered.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}

}

function admin\_login($data)

{

if($con=connection())

{

$email=mysqli\_real\_escape\_string($con,trim($data['login\_email']));

$pass=mysqli\_real\_escape\_string($con,trim($data['password']));

$password=md5($pass);

$query="select \* from admin where username='$email'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$query1="select \* from admin where username='$email' and password='$password' limit 1";

if($result1=mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

$row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

return $row;

}

else

{

$msg="Password does not matched.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="Username is not correct.";

return $msg;

}

}

else

{

$msg="Oops! Query could not process.";

return $msg;

}

}

else

{

$msg="<h4 style='color:red'>Oops! Database Connection failed.</h4>";

return $msg;

}}?>

***publishers.php***

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="publishers.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

});

</script></head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<?php

if(isset($\_GET['publisher']))

{

$publisher=$\_GET['publisher'];

echo "<h5>

<a href=\"index.php\">Home</a> &nbsp; > &nbsp;

<a href=\"publishers.php\">Publishers</a> &nbsp; > &nbsp;

$publisher

<hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">$publisher</font></h3><br />";

$book\_info=book\_publisher($publisher);

if(is\_array($book\_info))

{

$books=count($book\_info);

$i=0;

while($i<$books)

{

echo "<div class=\"author\" >";

for($j=$i;$j<$i+5;$j++)

{

if($j>=$books)

break;

echo "<div class=\"author-books\">";

echo "<a href=\"details.php?bk\_id=".$book\_info[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$book\_info[$j]['bk\_img']."\" style=\"height:70%; width:100%; \"/>";

echo $book\_info[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$book\_info[$j]['price']."</font>";

echo "</div>";

}

echo "</div>";

echo "<br clear='all' />";

$i=$i+5;

}

}

else

{

echo "<h3 style=\"color:red;\">$book\_info</h3>";

}

}

else

{

echo "<h5><a href=\"index.php\">Home</a> &nbsp; > &nbsp; Publishers <hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">Publishers</font></h3><br />";

$record=publishers();

if(is\_array($record))

{

$i=0;

while($i<count($record))

{

echo "<div class='col-md-2'><ul>";

for($j=$i;$j<$i+10;$j++)

{

if($j>=count($record))

break;

if(strcasecmp(trim($record[$j]),"unknown")==0)

echo "";

else

echo "<li><a href=\"publishers.php?publisher=".$record[$j]."\">$record[$j]</a></li>";

}

echo "</ul></div>";

$i=$i+10;

}

}

else

echo $record;

}?>

</div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***search.php***

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="search.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

} ?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<?php

if(isset($\_POST['submit']))

{

$search\_by=$\_POST['search'];

$search\_item=trim($\_POST['search-item']);

if($search\_item=='')

header("Location:index.php");

echo "<h5><a href=\"index.php\">Home</a> &nbsp; > &nbsp; Search <hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">Search result for \"".$search\_item."\"</font></h3><br />"; $book\_info=book\_search($search\_by,$search\_item);

if(is\_array($book\_info))

{

$books=count($book\_info);

$i=0;

while($i<$books)

{

echo "<div class=\"author\" >";

for($j=$i;$j<$i+5;$j++)

{

if($j>=$books)

break;

echo "<div class=\"author-books\">";

echo "<a href=\"details.php?bk\_id=".$book\_info[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$book\_info[$j]['bk\_img']."\" style=\"height:70%; width:100%; \"/>";

echo $book\_info[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$book\_info[$j]['price']."</font>";

echo "</div>";

}

echo "</div>";

echo "<br clear='all' />";

$i=$i+5;

}

}

else

{

echo "<h3 style=\"color:red;\">$book\_info</h3>";

}

}

else

{

header("Location:index.php");

}

?>

</div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***seller.php***

<?php

session\_start();

ob\_start();

header\_remove();

if(isset($\_SESSION['seller\_id']))

header("Location:book\_vendors/index.php");

require\_once("functions.php");

?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js"></script>

<script type="text/javascript">

$(document).ready(function(){

$("#sign\_up").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

minlength:7

},

con\_pass:{

required:true,

minlength:7,

equalTo:"#pass"

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter a password of minimum 7 character",

con\_pass:"Please enter the same password"

}

});

});

</script></head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:18px; text-decoration:none; ">

<a href="cart.php">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

</div>

</div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul></div></div>

<div class="container-fluid" id="main-author" style="padding-left:25px;">

<br />

<h5><a href="index.php"> Home </a> > Login</h5> <u><h3>LOGIN / SIGNUP</h3></u><br />

<div class="row row-eq-height" style="background-color:#fff; padding-left:30px;" >

<div class="col-md-6 col-sm-6" style="border:1px solid #EAEAEA; width:41%;">

<h3>Create an account</h3> <br />

Please enter the details. <br /><br />

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="post" id="sign\_up">

<table>

<tr>

<td>Your Name</td>

<td><input type="text" name="name" class="form-control" required/></td>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" class="form-control" style="resize:none;" required ></textarea></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="email" class="form-control" required /></td>

</tr>

<tr>

<td>Mobile No.</td>

<td><input type="text" name="mob" class="form-control" required /></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="pass" id="pass" class="form-control" required /></td>

</tr>

<tr>

<td>Confirm Password</td>

<td><input type="password" name="con\_pass" class="form-control" required /></td>

</tr>

<tr> <td></td> <td></td> </tr>

<tr>

<td><input type="reset" value="Reset" class="btn pull-right btn-org" style="color:#fff; background-color:#666666;"/></td>

<td><input type="submit" name="sign\_up" value="CREATE AN ACCOUNT" class="btn btn-org" style="color:#fff; background-color:#666666;" /></td>

</tr>

</table>

</form>

<br />

<span id="msg">

<?php

if(isset($\_POST['sign\_up']))

{

$info=seller\_signup($\_POST);

echo $info;

header("Refresh:5; url=seller.php");

}

?>

</span></div>

<div class="col-md-6 col-sm-6" style="border:1px solid #EAEAEA; width:45%; margin-left:5%;">

<h3>Already registered?</h3> <br />

<br />

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="post" id="login"> <table>

<tr>

<td>Email</td>

<td><input type="email" name="login\_email" id="" class="form-control" required/></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="password" id="" class="form-control" required/></td>

</tr>

<tr> <td></td> <td></td> </tr>

<tr>

<td></td>

<td><input type="submit" name="login" value="SIGN IN" class="btn btn-org" style="color:#fff; background-color:#666666;" /></td>

</tr>

</table>

</form>

<?php

if(isset($\_POST['login']))

{

$info=seller\_login($\_POST);

if(is\_array($info))

{

$\_SESSION['seller\_id']=$info['vendor\_id'];

echo "<h4 style='color:green;'>Redirecting...</h4>";

header("Refresh:5; url=book\_vendors/index.php");

}

else

{

echo "<h4 style='color:red;'>$info</h4>";

}

}

?>

<br /></div></div></div></div>

</body>

</html>

<?php

exit;

ob\_end\_flush();

?>

***orders.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="orders.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

else

header("Location:index.php");

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$(".modificaiton").click(function(){

var order\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/cancel\_order.php",

data: {id:order\_id},

success: function(data){

alert(data);

window.location.href="orders.php";

}

});

});

});

</script></head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select> <label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="orders.php">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<?php

$order\_details=order\_details($id);

if(is\_array($order\_details))

{

if(count($order\_details))

{

echo "<table class='table'>

<tr>

<td>Order Id</td>

<td>Order Date</td>

<td>Order Time</td>

<td>Sub Order Id</td>

<td>Book Name</td>

<td>Quatity</td>

<td>Price</td>

<td>Address</td>

<td>Mode of Payment</td>

<td>Status</td>

<td>Remarks</td>

<td></td>

</tr>";

$total=count($order\_details);

$pre\_id=0;

for($i=0;$i<$total;$i++)

{

$order\_id=$order\_details[$i]['order\_id'];

$sub\_order\_id=$order\_details[$i]['sub\_order\_id'];

$order\_time=$order\_details[$i]['order\_time'];

$order\_date=$order\_details[$i]['order\_of\_date'];

$bk\_name=$order\_details[$i]['bk\_name'];

$bk\_id=$order\_details[$i]['bk\_id'];

$qnty=$order\_details[$i]['qnty'];

$price=$order\_details[$i]['price'];

$address=$order\_details[$i]['address'];

$payment=$order\_details[$i]['payment'];

$status=$order\_details[$i]['status'];

$remarks=$order\_details[$i]['remarks'];

if(strcasecmp($status,"Processing")==0)

$cancel="<button class='btn btn-danger modificaiton' value='$order\_id'>Cancel</button>";

else

$cancel=""; if($order\_details[$i]['order\_id']==$order\_details[$pre\_id]['order\_id'])

{ if($i==0)

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td>

<td>$cancel</td>

</tr>";

}

else

{ echo "<tr>

<td></td>

<td></td>

<td></td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td></td>

<td></td>

<td></td>

<td></td>

<td></td>

</tr>";

}

}

else

{

echo "<tr>

<td>$order\_id</td>

<td>$order\_date</td>

<td>$order\_time</td>

<td>$sub\_order\_id</td>

<td>$bk\_name</td>

<td>$qnty</td>

<td>$price</td>

<td>$address</td>

<td>$payment</td>

<td>$status</td>

<td>$remarks</td>

<td>$cancel</td>

</tr>";

}

$pre\_id=$i;

}

echo "</table>";

}

}

else

echo $order\_details;

?>

</div></div>

<?php

require\_once("pages/profile.php");

?> </div>

</body>

</html>

***view-all.php***

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="view-all.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax(

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<?php

if(isset($\_GET['category']))

{

$category=urldecode($\_GET['category']);

echo "<h5>

<a href=\"index.php\">Home</a> &nbsp; > &nbsp;

$category

<hr /> </h5>

<h3><font style=\"border-bottom:2px solid red;\">$category</font></h3><br />";

$book\_info=book\_category($category);

if(is\_array($book\_info))

{

$books=count($book\_info);

$i=0;

while($i<$books)

{

echo "<div class=\"author\" >";

for($j=$i;$j<$i+5;$j++)

{

if($j>=$books)

break;

echo "<div class=\"author-books\">";

echo "<a href=\"details.php?bk\_id=".$book\_info[$j]['bk\_id']."\">";

echo "<img src=\"cover\_pics/".$book\_info[$j]['bk\_img']."\" style=\"height:70%; width:100%; \"/>";

echo $book\_info[$j]['bk\_name']."<br />";

echo "</a>";

echo "<i class=\"fa fa-inr fa-lg\" aria-hidden=\"true\"></i> <font style='font-size:18px; color:#FF571E;'>".$book\_info[$j]['price']."</font>";

echo "</div>";

}

echo "</div>";

echo "<br clear='all' />";

$i=$i+5;

}

}

else

{

echo "<h3 style=\"color:red;\">$book\_info</h3>";

}

}

else

{

header("Location:index.php");

}

?></div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***user/login.php***

<?php

session\_start();

ob\_start();

header\_remove();

if(isset($\_SESSION['id']))

header("Location:index.php");

require\_once("functions.php");

?>

<!DOCTYPE HTML>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js"></script>

<script type="text/javascript">

$(document).ready(function(){

$("#sign\_up").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

minlength:7

},

con\_pass:{

required:true,

minlength:7,

equalTo:"#pass"

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter a password of minimum 7 character",

con\_pass:"Please enter the same password"

}

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<?php require\_once("header.php"); ?>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div>

</div>

<div class="container-fluid" id="main-author" style="padding-left:25px;">

<br />

<h5><a href="index.php"> Home </a> > Login</h5> <u><h3>LOGIN / SIGNUP</h3></u><br />

<div class="row row-eq-height" style="background-color:#fff; padding-left:30px;" >

<div class="col-md-6 col-sm-6" style="border:1px solid #EAEAEA; width:41%;">

<h3>Create an account</h3> <br />

Please enter the details. <br /><br />

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="post" id="sign\_up">

<table>

<tr>

<td>Your Name</td>

<td><input type="text" name="name" class="form-control" required/></td>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" class="form-control" style="resize:none;" required ></textarea></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="email" class="form-control" required /></td>

</tr>

<tr>

<td>Mobile No.</td>

<td><input type="text" name="mob" class="form-control" required /></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="pass" id="pass" class="form-control" required /></td>

</tr>

<tr>

<td>Confirm Password</td>

<td><input type="password" name="con\_pass" class="form-control" required /></td>

</tr>

<tr> <td></td> <td></td> </tr>

<tr>

<td><input type="reset" value="Reset" class="btn pull-right btn-org" style="color:#fff; background-color:#666666;"/></td>

<td><input type="submit" name="sign\_up" value="CREATE AN ACCOUNT" class="btn btn-org" style="color:#fff; background-color:#666666;" /></td>

</tr>

</table>

</form>

<br />

<span id="msg">

<?php

if(isset($\_POST['sign\_up']))

{

$info=signup($\_POST);

echo $info;

header("Refresh:5; url=login.php");

}

?>

</span>

</div>

<div class="col-md-6 col-sm-6" style="border:1px solid #EAEAEA; width:45%; margin-left:5%;">

<h3>Already registered?</h3> <br />

<br />

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="post" id="login">

<?php if(isset($\_GET['bk\_id']))

{

$bk\_id=$\_GET['bk\_id'];

echo "<input type='hidden' name='bk\_id' value=\"$bk\_id\" />";

}

?>

<table>

<tr>

<td>Email</td>

<td><input type="email" name="login\_email" id="" class="form-control" required/></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="password" id="" class="form-control" required/></td>

</tr>

<tr> <td></td> <td></td> </tr>

<tr>

<td></td>

<td><input type="submit" name="login" value="SIGN IN" class="btn btn-org" style="color:#fff; background-color:#666666;" /></td>

</tr>

</table>

</form>

<?php

if(isset($\_POST['login']))

{

$info=login($\_POST);

if(is\_array($info))

{

$\_SESSION['id']=$info['user\_id'];

$\_SESSION['username']=$info['name'];

if(isset($\_POST['bk\_id']))

{

require\_once("pages/add\_cart.php");

}

echo "<h4 style='color:green;'>Redirecting...</h4>";

if(isset($\_SESSION['page\_location']))

{

$page\_location=$\_SESSION['page\_location'];

header("Refresh:5; url=$page\_location");

}

else

header("Refresh:5; url=index.php");

}

else

{

echo "<h4 style='color:red;'>$info</h4>";

$\_SESSION=array();

}

}

?>

<br /></div></div></div></div>

</body>

</html>

<?php

exit;

ob\_end\_flush();?>

***user/update\_profile.php***

<?php

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$userid=mysqli\_real\_escape\_string($con,trim($\_POST['user\_id']));

$name=mysqli\_real\_escape\_string($con,trim($\_POST['name']));

$address=mysqli\_real\_escape\_string($con,trim($\_POST['address']));

$email=mysqli\_real\_escape\_string($con,trim($\_POST['email']));

$old\_email=mysqli\_real\_escape\_string($con,trim($\_POST['old\_email']));

$phone=mysqli\_real\_escape\_string($con,trim($\_POST['mob']));

$pass=mysqli\_real\_escape\_string($con,trim($\_POST['pass']));

$password=md5($pass);

$new\_pass=mysqli\_real\_escape\_string($con,trim($\_POST['new\_pass']));

$new\_password=md5($new\_pass);

if(strcasecmp($email,$old\_email)==0)

goto cont;

$query1="select \* from user where email='$email'";

if(mysqli\_query($con,$query1))

{

if(mysqli\_affected\_rows($con))

{

echo "Email can not be changed as it is already registered.";

}

else

{

cont:

$query="select \* from user where user\_id=$userid and password='$password'";

if(mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

if($new\_pass=='')

$query2="update user set name='$name',address='$address',phone=$phone,email='$email' where user\_id=$userid";

else

$query2="update user set name='$name',address='$address',phone=$phone,email='$email',password='$new\_password' where user\_id=$userid";

if(mysqli\_query($con,$query2))

{

echo "Profile details successfully updated.";

}

else

{

echo "Oops! profile not updated.";

}

}

else

{

echo "Your account password did not match.";

}

}

else

{

echo "Oops! Query could not process.";

}

}

}

else

{

echo "Oops! Query could not process for email varification.";

}

}

else

{

echo "Database connection failed.";

}?>

***user/add\_cart.php***

<?php

if(isset($\_SESSION['id']))

{

$user\_id=$\_SESSION['id'];

$bk\_id=$\_POST['bk\_id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");;

if($con)

{

$query="select \* from cart\_items where user\_id=$user\_id and bk\_id=$bk\_id";

if(mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$query1="update cart\_items set qnty=qnty+1 where user\_id=$user\_id and bk\_id=$bk\_id";

if(mysqli\_query($con,$query1))

echo "<h4 style='color:green;'>Item added to cart.</h4>";

else

echo "<h4 style='color:red;'>Item could not be added.</h4>";

}

else

{

$query1="insert into cart\_items(user\_id,bk\_id,qnty) values($user\_id,$bk\_id,1)";

if(mysqli\_query($con,$query1))

echo "<h4 style='color:green;'>Item added to cart.</h4>";

else

echo "<h4 style='color:red;'>Item could not be added.</h4>";}}}}?>

***user/add\_to\_cart.php***

<?php

session\_start();

if(isset($\_SESSION['id']))

{

$user\_id=$\_SESSION['id'];

if(isset($\_POST['id']))

{

$bk\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");;

if($con)

{

$query="select \* from cart\_items where user\_id=$user\_id and bk\_id=$bk\_id";

if(mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$query1="update cart\_items set qnty=qnty+1 where user\_id=$user\_id and bk\_id=$bk\_id";

if(mysqli\_query($con,$query1))

echo "Item added to cart.";

else

echo "Item could not be added.";

}

else

{

$query1="insert into cart\_items(user\_id,bk\_id,qnty) values($user\_id,$bk\_id,1)";

if(mysqli\_query($con,$query1))

echo "Item added to cart.";

else

echo "Item could not be added.";

}

}

}

}

}

?>

***user/cancel\_order.php***

<?php

session\_start();

if(isset($\_SESSION['id']))

{

$user\_id=$\_SESSION['id'];

if(isset($\_POST['id']))

{

$order\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

$query="select orders.status,sub\_order.bk\_id,sub\_order.qnty

from orders

inner join sub\_order

on orders.order\_id=sub\_order.order\_id

where orders.user\_id=$user\_id and orders.order\_id='$order\_id'";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$errors=0;

while($row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC))

{

$bk\_id=$row['bk\_id'];

$qnty=$row['qnty'];

$query1="update books set qnty=qnty+$qnty where bk\_id=$bk\_id";

if(!mysqli\_query($con,$query1))

{

$errors++;

}

}

if($errors==0)

{

$query2="update orders set status='Cancelled', remarks='Cancelled by User' where order\_id=$order\_id";

if(mysqli\_query($con,$query2))

{

mysqli\_query($con,"COMMIT");

echo "Order Cancelled !!!";

}

else

{

echo mysqli\_error($con);

mysqli\_query($con,"ROLLBACK");}

}

}

}

}

else

echo "Database connection failed.";

}}?>

***user/profile.php***

<div class="modal fade" id="profile" tabindex="-1" role="dialog" aria-labelledby="profile" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title" id="profile">Update Profile</h4>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body">

<form action="update\_profile.php" method="post" id="update\_profile">

<input type="hidden" name="user\_id" value="<?php echo $profile\_details['user\_id']; ?>" />

<table>

<tr>

<td>Your Name</td>

<td><input type="text" name="name" class="form-control" value="<?php echo $profile\_details['name']; ?>" /></td>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" class="form-control" style="resize:none;"> <?php echo $profile\_details['address']; ?> </textarea></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="email" class="form-control" value="<?php echo $profile\_details['email']; ?>" /></td>

<input type="hidden" name="old\_email" class="form-control" value="<?php echo $profile\_details['email']; ?>" /></td>

</tr>

<tr>

<td>Mobile No.</td>

<td><input type="text" name="mob" class="form-control" value="<?php echo $profile\_details['phone']; ?>" /></td>

</tr>

<tr>

<td>Old Password</td>

<td><input type="password" name="pass" id="pass" class="form-control" /></td>

</tr>

<tr>

<td>New Password</td>

<td><input type="password" name="new\_pass" class="form-control" /> &nbsp;

[ If you want to change ]

</td>

</tr>

</table>

<br />

<span id="msg" style="font-size:18px; color:#D85C1E; ">

</span>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>

<button id="update\_btn" name="update\_profile" class="btn btn-primary">Save changes</button>

</form>

</div> </div></div></div>

***user/remove\_from\_cart.php***

<?php

session\_start();

if(isset($\_SESSION['id']))

{

$user\_id=$\_SESSION['id'];

if(isset($\_POST['id']))

{

$bk\_id=$\_POST['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");;

if($con)

{

$query="select qnty from cart\_items where user\_id=$user\_id and bk\_id=$bk\_id";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$row=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

if($row['qnty']>1)

$query1="update cart\_items set qnty=qnty-1 where user\_id=$user\_id and bk\_id=$bk\_id";

else

$query1="delete from cart\_items where user\_id=$user\_id and bk\_id=$bk\_id";

if(mysqli\_query($con,$query1))

echo "One item removed from cart.";

else

echo "Item could not be remove.";

}}}}}?>

***user/logout.php***

<?php

session\_start();

if(isset($\_SESSION['id']))

{

$\_SESSION=array();

if(isset($\_COOKIE[session\_name()]))

{

setcookie(session\_name(),'',time()-52000,'/');

}

}

session\_destroy();

header("Location:index.php");

?>

***cart.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="cart.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

}

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$(".glyphicon-minus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/remove\_from\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

$(".glyphicon-plus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/add\_to\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form>

</div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div>

</div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div>

</div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" > <div class="panel panel-primary">

<!-- Default panel contents -->

<div class="panel-heading"><h4>Cart Items</h4></div>

<div class="panel-body" >

<?php

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$info=fetch\_cart\_items($id);

if(is\_array($info))

{

if(!is\_array($info[0]))

echo $info[0];

else

{

$total=0;

echo "<table class='table'>";

echo "<tr style='background-color:#353535; color:#fff;'><td>Book</td><td>Quantity</td><td>Price</td></tr>";

for($i=0;$i<count($info);$i++)

{

$sl=$i+1;

$bk\_id=$info[$i]['bk\_id'];

$price=$info[$i]['qnty']\*$info[$i]['price'];

$total=$total+$price;

echo "<tr><td>$sl. &nbsp;".$info[$i]['bk\_name']."</td><td>

<span class='glyphicon glyphicon-minus btn' aria-hidden='true' value=\"$bk\_id\" ></span>

<font style='font-size:15px; font-weight:bold;'>".$info[$i]['qnty']."

</font><span class='glyphicon glyphicon-plus btn' aria-hidden='true' value=\"$bk\_id\" ></span>

</td><td style='text-align:center;'>".$price."</td></tr>";

}

echo "<tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr>";

echo "<tr style=''><td style='font-weight:bold; border-bottom:1px solid; border-top:1px solid; '>Total</td>

<td style='border-bottom:1px solid ; border-top:1px solid;'></td>

<td style='border-bottom:1px solid ; border-top:1px solid; text-align:center;'>$total</td></tr>";

echo "</table>";

echo "<a href='checkout.php'><button class='btn btn-primary pull-right' style='margin-top:30px;'>Proceed To Checkout</button></a>";

}

}

else

{

echo $info;

}

}

else

{

echo "Your cart is empty.";

}?>

</div></div></div></div>

<?php

require\_once("pages/profile.php");

?></div>

</body>

</html>

***billing\_process.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="billing\_process.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

if(!isset($\_SESSION['cart']))

header("Location:cart.php");

}

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$(".glyphicon-minus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/remove\_from\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

$(".glyphicon-plus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/add\_to\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

});

</script></head>

<body>

<?php

date\_default\_timezone\_set("Asia/Kolkata"); if(isset($\_POST['place\_order']))

{

$suborder=$\_SESSION['cart'];

$order\_id=strtotime("now");

$curr\_date = date('Y-m-d');

$curr\_time=date("H:i:s");

$user\_id=$\_SESSION['id'];

$con=mysqli\_connect("localhost","root","","online\_book\_store");

if($con)

{

$address=mysqli\_real\_escape\_string($con,trim($\_POST['address']));

$payment=$\_POST['payment'];

$error=0;

for($i=0;$i<count($suborder);$i++)

{

$bk\_id=$suborder[$i]['bk\_id'];

$query="select \* from books where bk\_id=$bk\_id ";

if($result=mysqli\_query($con,$query))

{

if(mysqli\_affected\_rows($con))

{

$data=mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

if($data['qnty']==0)

{

$error++;

$msg=$suborder[$i]['bk\_name']." is <b>out of stock</b>. Please remove the item from cart.";

echo "<script>alert('$msg');</script>";

echo "<script>window.open('cart.php','\_self');</script>";

exit;

}

else

{

if($data['qnty']<$suborder[$i]['qnty'])

{

$error++;

$msg=$suborder[$i]['bk\_name']." has only ".$data['qnty']." stocks. Please reduce the quantity.";

echo "<script>alert('$msg');</script>";

echo "<script>window.open('cart.php','\_self');</script>";

exit;

}

}

}

}

}

if($error==0)

{

mysqli\_query($con,"SET AUTOCOMMIT=0");

mysqli\_query($con,"START TRANSACTION");

$query="insert into orders(order\_id,order\_of\_date,order\_time,user\_id,address,payment,status) values($order\_id,'$curr\_date','$curr\_time',$user\_id,'$address','$payment','Processing')";

if(mysqli\_query($con,$query))

{

$errors=0;

for($i=0;$i<count($suborder);$i++)

{

$bk\_id=$suborder[$i]['bk\_id'];

$sub\_order=$order\_id.$bk\_id;

$qnty=$suborder[$i]['qnty'];

$price=$suborder[$i]['qnty']\*$suborder[$i]['price'];

$bk\_name=$suborder[$i]['bk\_name'];

$query1="insert into sub\_order(order\_id,sub\_order\_id,bk\_id,bk\_name,qnty,price)

values ('$order\_id','$sub\_order',$bk\_id,'$bk\_name',$qnty,$price)";

if(mysqli\_query($con,$query1))

{

$query2="update books set qnty=qnty-$qnty where bk\_id=$bk\_id";

if(mysqli\_query($con,$query2))

{

$query3="delete from cart\_items where bk\_id=$bk\_id and user\_id=$user\_id";

if(!mysqli\_query($con,$query3))

$errors++;

}

else

{

echo mysqli\_error($con);

$errors++;

}

}

else

{

echo mysqli\_error($con);

$errors++;

}

}

if($errors==0)

{

mysqli\_query($con,"COMMIT");

$msg= "<center><h3 style='color:green; margin-top:50px;'>Order have been placed successfully.</h3></center>";

unset($\_SESSION['cart']);

}

else

{

echo mysqli\_error($con);

mysqli\_query($con,"ROLLBACK");

}

}

else

echo mysqli\_error($con);

}

else

echo mysqli\_error($con);

}

else

{

echo "Database connection failed.";

}

} ?>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select> <label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;"> <button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{

?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?> </div>

</div>

</div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author" style="background:url('images/thank\_you\_page.jpg') 0 0 / 100% 100%;">

<div class="row " style="padding:30px; " >

<?php

if(isset($msg))

echo $msg;

?></div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

***checkout.php***

<!DOCTYPE HTML>

<?php

session\_start();

require\_once("functions.php");

$\_SESSION['page\_location']="cart.php";

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$profile\_details=fetch\_profile($id);

if(!isset($\_SESSION['cart']))

header("Location:cart.php");

}

else

header("Location:login.php");

?>

<html lang="en-US">

<head>

<meta charset="UTF-8">

<title>Online Book Store</title>

<link rel="stylesheet" href="css/bootstrap.css" />

<link rel="stylesheet" href="css/style.css" />

<link rel="stylesheet" href="css/font-awesome.css" />

<script type="text/javascript" src="js/jquery.js" ></script>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery.validate.js" ></script>

<script type="text/javascript">

$(document).ready(function(){

$("#update\_profile").validate({

rules: {

name: "required",

email: {

required: true,

email: true

},

mob:{

required:true,

minlength:10,

maxlength:10

},

address:"required",

pass:{

required:true,

},

new\_pass:{

minlength:7

}

},

messages: {

name: "Please enter your name",

email: "Please enter a valid email address",

mob:"Please enter your phone number",

address:"Please enter your address",

pass:"Please enter your account password",

new\_pass:"Please enter a password of minimum 7 character"

},

submitHandler: function() {

$.ajax({

type: 'POST',

url: $('#update\_profile').attr('action'),

data: $('#update\_profile').serialize(),

success: function(data){

$('#msg').text(data);

$("input[name='pass']").val('');

$("input[name='new\_pass']").val('');

$('#msg').delay(1000).fadeOut();

}

});

}

});

$(".glyphicon-minus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/remove\_from\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

$(".glyphicon-plus").click(function(){

var bk\_id=$(this).attr("value");

$.ajax({

type: 'POST',

url: "pages/add\_to\_cart.php",

data: {id:bk\_id},

success: function(data){

window.location.href="cart.php";

}

});

});

});

</script>

</head>

<body>

<div class="container">

<div id="header" class="container-fluid">

<div class="row head-logo">

<div class="head1">

<img src="images/bookstore.png" alt="" style="height:125px; width:180px;"/>

</div>

<div class="head2">

<br /><br /><br />

<form style="border:2px solid #FF571E; padding:0px !important; width:98%;" action="search.php" method="post">

<select name="search" class="form-control" style="width:19.5%; outline: none; border-color: #fff; float:left;">

<option value="Book">Book</option>

<option value="Author">Author</option>

<option value="Subject">Subject</option>

</select>

<label class="sr-only" for="exampleInput">Search by title, author, subject or ISBN here...</label>

<input type="text" name="search-item" class="form-control" id="exampleInput" placeholder="Search by title, author, subject or ISBN here..." style="width:61%; outline: none; border-color:#fff; float:left;">

<button type="submit" name="submit" style="padding:5px; width:19.5%; background-color:#FF571E; float:left;" >

<span class="glyphicon glyphicon-search" aria-hidden="true"></span> &nbsp;

Search

</button>

<br clear="all" />

</form></div>

<div class="head1">

<a href="contact.php" class="pull-right">Contact Us</a>

<br />

<div class="pull-right" style="margin-top:20%; padding-right:20px; font-size:16px; text-decoration:none; ">

<a href="cart.php" style="float:left;">

<span class="glyphicon glyphicon glyphicon-shopping-cart" aria-hidden="true"></span>

Cart</a>

&nbsp;

<?php

if(isset($\_SESSION['id']))

{

?>

<div class="dropdown" style="float:left; margin-left:15px; color:#46BBFF; cursor:pointer; ">

<font class="dropdown-toggle" type="button" data-toggle="dropdown"><?php $username=$\_SESSION['username'];

$fname=explode(' ',$username);

echo "Hi! ".ucfirst($fname[0]) ;

?>

<span class="caret"></span></font>

<ul class="dropdown-menu">

<li><a href="#" data-toggle="modal" data-target="#profile">Update Profile</a></li>

<li><a href="#">Orders</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</div>

<br clear="all"/>

<?php

}

else

{?>

<a href="login.php">

<span class="glyphicon glyphicon glyphicon-user" aria-hidden="true"></span>

Login</a>

<?php

}

?>

</div></div></div>

<div class="row nav-menu">

<ul class="head-menu">

<li class="nav-items"><a href="index.php">Home</a></li>

<li class="nav-items"><a href="author-list.php">Authors</a></li>

<li class="nav-items"><a href="publishers.php">Publishers</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Children Books"); ?>">Children Books </a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Biography"); ?>">Biography</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Entertainment"); ?>">Entertainment</a></li>

<li class="nav-items"><a href="view-all.php?category=<?php echo urlencode("Competitive Exam"); ?>">Competitive Exam</a></li>

</ul>

</div></div>

<div class="container-fluid" id="main-author">

<div class="row " style="background-color:#fff; padding:30px;" >

<div class="panel panel-primary">

<!-- Default panel contents -->

<div class="panel-heading"><h4>Billing process...</h4></div>

<div class="panel-body" >

<?php

if(isset($\_SESSION['id']))

{

$id=$\_SESSION['id'];

$user\_info=fetch\_profile($id);

$info=fetch\_cart\_items($id);

$\_SESSION['cart']=$info;

if(is\_array($info))

{

if(!is\_array($info[0]))

echo $info[0];

else

{

$total=0;

echo "<table class='table'>";

echo "<tr style='background-color:#353535; color:#fff;'><td>Book</td><td>Quantity</td><td>Price</td></tr>"; for($i=0;$i<count($info);$i++)

{

$sl=$i+1;

$bk\_id=$info[$i]['bk\_id'];

$price=$info[$i]['qnty']\*$info[$i]['price'];

$total=$total+$price;

echo "<tr><td>$sl. &nbsp;".$info[$i]['bk\_name']."</td><td>

<font style='font-size:15px; font-weight:bold;'>".$info[$i]['qnty']."

</font> </td><td style='text-align:center;'>".$price."</td></tr>";

} echo "<tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr><tr></tr>";

echo "<tr style=''><td style='font-weight:bold; border-bottom:1px solid; border-top:1px solid; '>Total</td>

<td style='border-bottom:1px solid ; border-top:1px solid;'></td>

<td style='border-bottom:1px solid ; border-top:1px solid; text-align:center;'>$total</td></tr>";

echo "</table>";

} }

else

{

echo $info;

}

}

else

{

echo "Your cart is empty.";

}?>

<form action="billing\_process.php" method="post">

<h4>Shipping Address :</h4>

<textarea name="address" id="" class="form-control" rows="2" style="resize:none;text-align:left; margin-left:15%;margin-top:-30px; width:20%;" required><?php echo trim($user\_info['address']); ?></textarea>

<br />

<font style="font-size:18px; font-weight:bold;">Mode of Payment :</font>

<select name="payment" style="width:15%; padding:5px;">

<option value="Cash On Delivery">Cash On Delivery</option>

<option value="Credit Card">Credit Card</option>

<option value="Debit Card">Debit Card</option>

</select>

<br /><br />

<center>

<a href="cart.php" class="btn btn-primary">View Cart</a>

<button type="submit" name="place\_order" class="btn btn-warning">Place Order</button></center>

</form></div></div></div></div>

<?php

require\_once("pages/profile.php");

?>

</div>

</body>

</html>

**SYSTEM TESTING**

System testing is an expensive but critical process that can takes as much as 50% of the budget for program development. The common view of testing held by users is that it is performed to proof that there are no errors in a program with the explicit intention of finding errors that is, making the program fail . The tester, who may be analyst , programmer or specialist trained in software testing , is actually trying to make the program fail . A successful test , then , is one of the finds an error.

Analyst knows that an affective program testing does not guarantee system reliability or quantity assurance must be design into the system .

Quality assurance is the review of software products are related documentation for completeness , correctness , reliability and maintainability . Analyst used for four levels of quality assurance as follows-

* Testing
* Varification
* Validation
* Certification
* **Testing:**

These are two general strategies for testing software, such as, code testing and specification testing.

* CODE TESTING:

Code testing strategy examines the logic of program. For this testing method, the analyst develops test cases that result in executing every instruction in the programmer module that is every path through the program is tested.

* SPECIFICATION TESTING:

To perform specification testing, the analyst can determine the program specification where in states what the program should do and how it should perform under various conditions. Then, test cases are developed for each condition. Then, test cases are developed for each condition or combination of conditioin and submitted for processing.

By examining the result, the analyst can determine wherher the program performs according to it specified requirements. This testing does not looks into the program to study the code or path, it looks at the program as a whole.

* **Type of test Data:**

1. Live
2. Artificial
3. **USING LIVE TEST DATA:**

Live test data are those that are actually extracted from organizational files. This shows that how system will perform on typical data. Although the combinations and conditions of the system are not tested with this data.

1. **USING ARTIFICIAL DATA:**

Artificial test data are solely for test purposes. They are too be generated to test all combinations of formats and values. They are generated using the utility programs of the information system. Using this type of data all logic and control parts through the program can be tested.

* **SPECIAL SYSTEM TEST:**

These are other tests that are image special category, as they don’t focus on the normal running of the system.

* **PEAK LOAD TEST:**

This is used to determine whether the system will handle the volume of activies that occur when the system is at peak of its processing demands. For instance when all terminals when activated same time. This test applies mainly for online system.

* **STORAGE TESTING:**

This test is to be carried out to determine the capacity of the system to store translation data on a disk or in other files. Capacities hereare measured in terms of the number of records that a disk will handle or a file can contain. If this test is not carried out then there are possibilities that during installation one may of discover that there is not enough storage capacity for transction and master file records.

* **PERFORMANCE TIME TESTING:**

This test refers to the response time of this system being installed. Performances time testing is conducted prior to implementation to determine how long it takes to recive a response to an enquiry, makes a backup copy of file, or transaction and receive a response.

* **RECOVERY TESTING:**

Analyst must never be sure of anything. He must always be preparing for the worst. One should assume that the system will fail and data will be damaged or lost. Even though plans and procedures are written to cover these situation they also must be tested.

* **HUMAN FACTORS:**

In case during processing, the screen goes blank, the operator may star to wonder as to what is happening can be just about to do anything such as press the enter key a number of times, or switch of the system and so on, but if a message displayed saying that the processing is in progressing is in progress and asking the operator to wait, these types of proglems can be avoided.

* VERIFICATION:

Verification testing runs the sytem in a simulated environment using simulated data. This simulated test is primarily looking for errors and omissions regarding and end users and design specification that were specified in the earlier phase but not fulfilled during constructions.

* VALIDATION:

Validation refers to the process of using software in a live environment in order to find errors. The feedback from the valiedation phase generally products change in the software to deal with errors and failure that are uncovered. Then a set of users’ sites is selected that puts the system into use on a life basis. They are called Beta Test sites.

* CERTIFICATION:

Software certification is an endorsement of the correctness of the program, an issue that is rising in importance for information system applications. There is an increasing dependence on the purchase or lease of commercial rather than on its inhouse development. However before analyst are willing are willing to approve the acquisition of a package, they often require certification of the software by the developer or an unbiased third party.

SECURITY:

Security is critical in system development. The amount of protection depends on the sensitivity of the data, the reliability of the user, and the complesity of the sytem. The motive behind security are to keep the organization running, protect data as an asset, and seek management support for more installation. Here I provide a password system for security. Only the person will be able to enter the system who is wellknown about password.

SYSTEM FAILURES AND RECOVERY:

System security in a data base environment closely linked with the system failure and recovery. Possible failures and recovery mechanism are incorporate within these systems which are mentioned as follows:

1. Catastrophic failures are restored using the roll forward method of recovery.
2. **Logical failures:** The system developed is an interactive system and it proides automatic recovery i.e. rollback when the system is restarted which removes the human function form the process.
3. **Structureal Failure:** If this fault occurs then the system will automatically inform user that they provide wrong data.
4. **Consistency error:** The sytem includes routines that check the consistency of data entered In database.

Briefly the system developed is durable and reliable and can survive in its full glory despite threats like machine crash program bugs and user errows.

BACK UP:

Back up is taken regularly after the end of the day transaction. An back up procedure is ran by the sytem user at the end of the day nd the back up is taken in compack Disk Rom. After the end of fortnight pape archive back is taken and end annual examination is transferred to disk drum.

**CONCLUTION**

The software **Online Shopping System** has been developed by me as to the best of my knowledge and capability. I have been amply assisted and guided by my sirs as and when I required help. Through I have tried my level best to make this software full proff and exhaustive. There might have been some sortcoming and there eed much to be included in this software. I have designed this software as per availability of data, which I have collected from different sources and I have abided by the norms and regulations as set up by the organization. In future, I will try to make this or any type of software much enriched with sophistication and improved in all aspects.

LIMITATION

To write down the limitations of ones developed system is one of, may be the most embarrassing part. The said developer has to find the sort coming of the system that he/she have developed. To begin with, likewise, any other given system, the system that I have developed has also its share of merits and deterits. Here I am going to elaborate some of the demerits this system suffers from. Some of them may be lack of infracture, while other due to the lack of my technical ability. As already mentioned, a system of such software volume and developing it single ability, it is bound so suffer from some limitation.

It is not possible for any developer to point out or demarcate all limitations the system has. But I still try to my level best to point out limitations as I can.

There are as follows:

1. The software do not support network environment. It will run only on standalones.
2. We can’t provide the details regarding various departments, their financial status.
3. The project is for a particular Student and implementation for any other educational center will require some change.
4. The data type is predefined and the user will not be able to change them.

**FAILURE SCOPE**

The software that I have developed and discussing viz…, **Online Shopping System** may have some limitiaons and seems to be incomplete through other’s view point. But as already I hve mentioned it has got enough protential for tuture development. In my mind, I have some important points and facts that in my part I have not been able to implement due to some unavoidable reasons. I also think it to be very useful to point out some of this, which can be implemented in the near future.

Those are as follows;

1. The software can be used in network environment so that stand alones can be connected with other forming independent terminals and operate upon a central database menaged by server. This task will be a real thugh job, easy then done.
2. The number of users of the system can be increased many fold thus making it network dependent in the real sense.
3. Due the increase in users, the security of the database and the system as whole need to be reviewed and various validataions and authorization passwords need to be implemented for different level of users.
4. Details and records relating to every aspect and service provided in a Student can be maintained or incorporated.
5. Lastly, but not the less important is the fact that it can be made more user friendly, easy to operate and less time consuming or efficient is them to be used. The system’s susceptibility to errors have to be minimized to as low as zero percent.

**DATA DICTIONARY**

Data dictionary may be defined as a repository holding information that specifies and describes that characteristic of the elements used in a system including definitive description of process within the system.

The data dictionary is developed during the data flow analysis and assists and analysts in determining systems requirements without ambiguity and confusion. A Data Dictionary is importan to analysts for the following reason:

* The details in a large system can be managed easily with the help of Data Dictionary.
* A common meaning for all system elements can be communicated and standards for naming can be enforced across application through a Data Dictionary.
* The features of a system become documented in a Data Dictionary and hence it can be consulted when required.
* A Data Dictionary facilitates analysis of details in order to evaluate characteristics and determine whether system change should be made.
* Errors and Ommisions in the system can be located with the help of a Data Dictionary.

A DD generally contains two types of descriptions for the data flowing through the system , namely data elements and data structures.

**FOUR RULES:**

Four rules govern the construction of data dictionary entries:-

1. Word should be defined to stand for what they mean and not the variable names by which they may be described in the program.
2. Each word must be unique; we can’t have two definitions of the same client name.
3. Aliases, or synonyms, are allowed when two or more entries show the same meaning; a vendor number may also be called a customer number. However, aliases should be used only when absolutely necessary.
4. Self-defining words should not be decomposed.

**DATA DICTIONARY TYPE:**

There are two kinds of data dictionaries:

1. Integrated
2. Stand-alone

The **Integrated**dictionary is related to one database management system. To the extent the organization data is under the DBMS it is global or organization wide. However, very few enterprise

have all their eggs in one basket, so the dictionary documentation (metadata) can be considered al local and fragmented.

The **Stand-alone** dictionary is not tied to any one DBMS, ththough it may have special advantages for one DBMS, such as the IBM DB-PC Data-Dictionary, which has special features related to the IBM IMS DBMS but is still a stand-alone variety of dictionary.

DATA DICTIONARY FUNCTION:

Both these type of dictionaries can be identified by functions as either PASSIVE, ACTIVE OR IN-LINE. Viewed either way, by type or function, the differences are striking. Passive, active, and in-line dictionary differ functionally as follows:

PASSIVE DATA DICTIONARY:

The functionally passive dictionary performs documentation only. This variety of dictionary could be maintained as a manual rather than an automated database. For more than limited documentation use, the automated passive dictionary has clear advantages. Form the organization view the documentation function is the most important itionary service with the most potential benefits, so the passive dictionary should not be thought of negatively. It has most limited functionality but may perform its critical function of global documentation best of all.

ACTIVE DATA DICTIONARY:

Desides supporting documentation to one degree or another, the active data dictionary supports program and operations development by exporting database definitions and program data storage definitions for languages such as COBAL and Job Control Language (JCL) for execution-time performance. The IBM DB/DC Data Dictionary already mentioned is such as stand-alone, active data dictionary. A dictionary such as that is not an in-line data dictionary as delivered, which is not to say that it cold not be put in-line bye a determined effort of major proportion.

IN-LINE DATA DICTIONARIES

An in-line data dictionary is active during program execution, performing such feats aas transaction validataion and editiong. Such a dictionary would always have some documentation value, but documentation across the organization functions and activities and all the organization information data stores is not likely. In-Line dictionaries are associated with DBMS products such as Cullinet Software Corporations’s IDMS-R or cincom System’s TOTAL, to name just two.

Installation: After completion my project, I have to load it to the system in which I want to run it.

Then I have to attach my database regarding the project entitled as **“Online Shopping System”**to the database. The steps to attach the database as follows:

1. First copy the database to the proper location from where I want to attach it.
2. Open the database Microsoft SQL Server 2008 R2 and login.
3. Right click on ‘Databases’ -> Click on ‘Attach’ -> then ‘Attach Databases’ Window will appear.
4. Click on ‘add’ button -> then ‘Locate Database Files’ will appear.
5. Select the proper location where the database has been copied.
6. Select the database (.mdf) and press ‘OK’ then the database file will be attached to the systems database (Microsoft SQL Server 2008 R2)

Now, I have to open our project by double clicking on the .sln file of my vb.net project.

Press F5 or Click on ‘Debug’ menu from the menu bar and select the sub menu named ‘Start Debugging’ and the project will begin to run.

**BIBLIOGRAPHY**

During the development of the software “ONLINE SHOPPING SYSTEM”, I have used many resources and for that I am greatful to all the people concerned.

* **PHP programming Black Book by - Steven Holzner**
* **Complete reference SQL – by James Croft.**
* **System Analysis and Design – by Award.**
* **Fundamentals of database system by Navathe – from Pearson education.**

I also benefited from these **web sites**:

* [www.stackoverflow.com](http://www.stackoverflow.com)
* [www.codeproject.com](http://www.codeproject.com)
* [www.msdn.microsoft.com](http://www.msdn.microsoft.com)