**CHAPTER 1**

**INTRODUCTION**

**1.1 Introduction**

The Emart is the part of the sample application that provides customers with online shopping. Through a Web browser, a customer can browse the catalog, place items to purchase into a virtual shopping cart, create and sign in to a user account, and purchase the shopping cart contents by placing an order with a credit card. By integrating information and improving processes, emart will help improve enterprise-wide decision support and operational efficiency. Improved efficiency translates into:

• More resources to support the enterprise .

• Improved customer service

• Web-based and more user friendly interfaces to buyers .

An extremely powerful marketing tool, emart’s ability to suggestively sell alternate and complementary products; e.g. if a customer selects the "standard" version of a product, you can recommend that they also consider the "pro" version or if your customer chooses a pair of pants, you can suggest that they also consider a belt and socks. Simply specify related product skus and optional text in a product’s definition in your Merchant Administrator, and PDG Shopping Cart will up-sell or recommend related products to your customers automatically.

**1.2 General Description of the System under Study**

A feasibility study is conducted to select the best system that meets performance requirement. This entails an identification description, an evaluation of candidate system and the selection of best system for he job. The system required performance is defined by a statement of constraints, the identification of specific system objective and a description of outputs.

The key consideration in feasibility analysis are :

* Economical feasibility

It looks at the financial aspects of the project. It determines whether the management has enough resources and budget to invest in the proposed system and the estimated time for the recovery of cost incurred. It also determines whether it is worth while to invest the money in the proposed project. Economic feasibility is determines by the means of cost benefit analysis. The proposed system is economically feasible because the cost involved in purchasing the hardware and the software are within approachable. The personal cost like salaries of employees hired are also nominal, because working in this system need not required a highly qualified professional. The operating-environment costs are marginal. The less time involved also helped in its economical feasibility. It was observed that the organization has already using computers for other purpose, so that there is no additional cost to be incurred for adding this system to its computers.

* Technical Feasibility

It is a measure of the practically of a specific technical solution and the availability of technical resources and expertise The proposed system uses Java as front-end and Oracle 8.0 as back-end tool. Oracle is a popular tool used to design and develop database objects such as table views, indexes. The above tools are readily available, easy to work with and widely used for developing commercial application.

Hardware used in this project are- p4 processor 2.4GHz, 128 MB RAM, 40 GB hard disk, floppy drive. These hardware were already available on the existing computer system. The software like Oracle 8i, Web logic Server, Thin Driver, JDK, JSDK, J2EE and operating system WINDOWS-XP’ used were already installed On the existing computer system. So no additional hardware and software were required to purchase and it is technically feasible. The technical feasibility is in employing computers to the organization. The organization is equipped with enough computers so that it is easier for updating. Hence the organization has not technical difficulty in adding this system.

Tools Used :

1) J2EE Library

2) J2SDK 2.0

3) JDK 7

4) Web Logic 12 c

5) Oracle 10 g

* Operational Feasibility

The system will be used if it is developed well then be resistance for users that undetermined .No major training and new skills are required as it is based on DBMS model. It will help in the time saving and fast processing and dispersal of user request and applications. New product will provide all the benefits of present system with better performance. Improved information, better management and collection of the reports. User involvement in the building of present system is sought to keep in mind the user specific requirement and needs.

**1.3 Establish the Need of the New System :-**

The computers and computer applications are finding its voyage to each and every field of mankind, where the data and information are the primary necessities. The actual processing of the system becomes very useful to its users because manipulation and utilization of data in a meaningful way is the need of each and every organization.

1.3.1 Scope :

                The document is the one that describes the requirements along with

interfaces for the system. It is meant for use by the developers and will be the

basis for validating the final

1.3.2 Overview :

The system helps in buying of goods, products and services online by choosing the listed products from website (E-Commerce site).

1.3.3 Product Perspective :

The proposed system is a solution carry out buying/ selling products online. The system

allows the user to buy/sell products online across internet connection globally.

1.3.4 User Characteristics :

There are 3 kinds of users for the proposed system.

* Administrators:

Administrators are the ones who adds or administers the categories for the products, and

administers the Vendors.

* Vendors/Sellers :

Vendors/Sellers will add their products to the database, which will be seen in the website to the

end users or say customers who can buy the products by selecting the one they need. Vendors

will have the special privileges than the end users, and have ability to manage the products added

by them.

* End Users/Customers:

The end user will be the one who visits the website and buys products online from the ones

added by the Vendors/Sellers.

**1.4 Objective of the project**

In my shopping site following module is describe:-

1. Promoting a service or product online.
2. Selling a product.
3. Providing product support or customer service.
4. Providing corporate information.

1. Service or product advertising

The main purpose of a busness site is to promote company’s products, services or events on the Internet. There are two main aspects to discuss. First, there are websites that don’t directly sell anything but their objective is to create “buzz” or awareness. An example would be, let’s say an event - a trance music performance taking place next month. The purpose of the site is to generate interest so the people will attend the show. This kind of website might contain recorded presentations from previous shows, images with the performers, more details on the performance, etc…

2. Selling a product or a service online

This is basically the main reason behind the existence of any business website. Selling products and services is the most common objective. You have to provide full and comprehensive information on what you sell, allowing prospective customers to easily order from your site. The information must refer to:

3. Providing product support and customer service

Due to its wold-wide nature, the Internet is a flexible structure allowing users to choose from thousands of similar products they are just one click away. What actually makes the difference between similar online businesses are the price and the customer support they provide. Top companies usually have outstanding customer services and assistance 24 hours a day, 7 days a week, 365 days a year. Not only the customer service is important to provide support to actual customers but it can generate sales while communicating with prospective clients, answering their questions and offering all the necessary information they need. By offering your clients the possibility to solve their problems in an easy way, you increase loyalty of actual customers and build a solid base of prospective customers - so placing a new order is just a matter of time.

4. Providing corporate information

Almost all big company websites have a section featuring pertinent corporate information for potential investors. The information in this section usually refers to: corporate background, company officials, different articles and editorials written about the company along with related images as well as contact information and links to personal profiles of company’s representatives charged with management, customer care, advertising, etc…

**1.5 System Development Methodology**

System Development Life Cycle

1.5.1 Initiation Phase

The initiation of a system (or project) begins when a business need or opportunity is identified. A Project Manager should be appointed to manage the project. This business need is documented in a Concept Proposal. After the Concept Proposal is approved, the System Concept Development Phase begins.

1.5.2 System Concept Development Phase

Once a business need is approved, the approaches for accomplishing the concept are reviewed for feasibility and appropriateness. The Systems Boundary Document identifies the scope of the system and requires Senior Official approval and funding before beginning the Planning Phase.

1.5.3 Planning Phase

The concept is further developed to describe how the business will operate once the approved system is implemented, and to assess how the system will impact employee and customer privacy. To ensure the products and /or services provide the required capability on-time and within budget, project resources, activities, schedules, tools, and reviews are defined. Additionally, security certification and accreditation activities begin with the identification of system security requirements and the completion of a high level vulnerability assessment.

1.5.4 Requirements Analysis Phase

Functional user requirements are formally defined and delineate the requirements in terms of data, system performance, security, and maintainability requirements for the system. All requirements are defined to a level of detail sufficient for systems design to proceed. All requirements need to be measurable and testable and relate to the business need or opportunity identified in the Initiation Phase.

1.5.5 Design Phase

The physical characteristics of the system are designed during this phase. The operating environment is established, major subsystems and their inputs and outputs are defined, and processes are allocated to resources. Everything requiring user input or approval must be documented and reviewed by the user. The physical characteristics of the system are specified and a detailed design is prepared. Subsystems identified during design are used to create a detailed structure of the system. Each subsystem is partitioned into one or more design units or modules. Detailed logic specifications are prepared for each software module.

1.5.6 Development Phase

The detailed specifications produced during the design phase are translated into hardware, communications, and executable software. Software shall be unit tested, integrated, and retested in a systematic manner. Hardware is assembled and tested.

1.5.7 Integration and Test Phase

The various components of the system are integrated and systematically tested. The user tests the system to ensure that the functional requirements, as defined in the functional requirements document, are satisfied by the developed or modified system. Prior to installing and operating the system in a production environment, the system must undergo certification and accreditation activities.

1.5.8 Implementation Phase

The system or system modifications are installed and made operational in a production environment. The phase is initiated after the system has been tested and accepted by the user. This phase continues until the system is operating in production in accordance with the defined user requirements.

1.5.9 Operations and Maintenance Phase

The system operation is ongoing. The system is monitored for continued performance in accordance with user requirements, and needed system modifications are incorporated. The operational system is periodically assessed through In-Process Reviews to determine how the system can be made more efficient and effective. Operations continue as long as the system can be effectively adapted to respond to an organization’s needs. When modifications or changes are identified as necessary, the system may reenter the planning phase.

1.5.10 Disposition Phase

The disposition activities ensure the orderly termination of the system and preserve the vital information about the system so that some or all of the information may be reactivated in the future if necessary. Particular emphasis is given to proper preservation of the data processed by the system, so that the data is effectively migrated to another system or archived in accordance with applicable records management regulations and policies, for potential future access.

SDLC Objectives

This guide was developed to disseminate proven practices to system developers, project managers, program/account analysts and system owners/users throughout the DOJ. The specific objectives expected include the following:

• To reduce the risk of project failure

• To consider system and data requirements throughout the entire life of the system

• To identify technical and management issues early

• To disclose all life cycle costs to guide business decisions

• To foster realistic expectations of what the systems will and will not provide

• To encourage periodic evaluations to identify systems that are no longer effective

• To measure progress and status for effective corrective action

• To support effective resource management and budget planning

• To consider meeting current and future business requirements .

**CHAPTER - 2**

**SYSTEM REQUIREMENT AND ANALYSIS**

**2.1 Introduction**

The category screen shows all of the products available for a particular category. The product screen shows all of the items in a particular product. Product screen’s right column of the list shows the price of the item, and includes a link labelled Add to Cart. This link, which also appears on screen for the corresponding item, allows the customer to add the item to the cart without looking at the item details. he item screen shows detailed information about an individual item for sale . The Add to Cart link, when clicked, adds an order for the item to the shopping cart, and then shows the shopping cart contents. The cart screen lists the items currently in the cart, allows the customer to change the quantity of each item ordered, and shows a title. It also includes a link to remove the item from the cart, and a link Proceed to Checkout which, when clicked, shows the order information screen if the user is signed on. If the user is not signed on, the sign on screen is shown instead. The sign on screen allows an existing customer to sign in as an existing user, and a new customer to create an account. An existing customer enters a user name and password, and the application displays the Order Information screen shown in . A new customer enters a user name and password and clicks the button Create New Account. The application creates a user with the requested password. If user creation succeeds, the application displays the Account Information screen.

The account information screen, shown in collects information about a new customer, including contact information, a credit card, and personal preferences. This is also the screen displayed whenever the customer clicks the Account link at the top right corner of the screen (beneath the Search box). Clicking the Update button directs the browser to a page that summarizes the information entered.

The Order Information screen allows the user to enter billing and shipping address. Default values for the addresses come from the contact information for the currently signed-in customer. This information is transmitted to the application when the user clicks Submit. The application creates a new order, sends it to the order processing center, and displays the Order Complete screen. The Order Complete screen verifies to the user that the order has been placed. The screen includes the order number .Key Strengths , A steady stream of innovative features born of a deep understanding of online shopping as a social experience. Recent enhancements and additions include : eg. The beginnings of social networking capabilities, with customers able to connect with and keep tabs on a network of friends. eg The ability for users to “tag” products by assigning them keywords.eg Personal blogs for customers, Product discussion boards , The ability to upload images as visual reviews and product commentary

Oracle supports the largest database potential of hundreds of Giga Bytes in size. To make efficient use of expensive devices, it allows full control of space usage.

• Many Concurrent Database Performances

It supports large no of concurrent users executing a variety of database applications operation on the same data. It minimizes data connection & guarantees data concurrency.

• High Transaction Processing Performance

Oracle maintains the processing features with a high degree of overall system performance. Database users don’t suffer from slow processing performance.

• High Availability

Oracle works 24 hours a day with no downtime or limited database throughput. Normal system operation such as database backup & partial system failure doesn’t interrupt database use.

• Controlled Availbility

Oracle can selectively control the availability of data at the database level & sub database level. E.g. an administrator can disallow use of a specific application .Data can be reloaded without affecting other application.

• Industry Accepted Standards

Oracle adheres to industry accepted standards for the data access language operating system, user interface & network communication protocols.

• Manageable Security

To protect against unauthorized database aspects & users, Oracle provides failsafe security features to limit & monitor the data area. The system makes it easy to manage even the most completed designs for data assets.

**2.2 Implementation Tools**

The project was implemented using Java server pages, HTML, Java beans. The implementation work was carried out in Windows XP/2000 server platform.

1. J2EE
2. Web logic 12 c
3. Oracle 10g

## Coding

This means program construction with procedural specifications has finished and the coding for the program begins:

* Once the design phase was over,coding commenced
* Coding is natural consequence of design.
* Coding step translate a detailed design representation of software into a programming language realization.
* Main emphasis while coding was on style so that the end result was an optimized code.

The following points were kept into cosideration while coding:

## Coding Style

The structured programming method was used in all the modules the project. It incorporated the following features

* The code has been written so that the definition and implementation of each function is contained in one file.
* A group of related function was clubbed together in one file to include it when needed and save us from the labour of writing it again and again.

## Naming Convention:-

* As the project size grows ,so does the complexity of recognizing the purpose of the variables .Thus the variables were given meaningful names , which would help in understanding the context and the purpose of the variable.
* The function names are also given meaningful names that can be easily understood by the user.

## Indentation

Judicious use of indentation can make the task of reading and understanding a program much simpler. Indentation is an essential part of a good program. If code id intended without thought it will seriously affect the readability of the program.

* The higher-level statements like he definition of the variables, constants and the function are intended, with each nested block intended, stating their purpose in the code.
* Blank line is also left between each function definition to make the code look neat.
* Indentation for each source file stating he purpose of the file is also done.

**2.3 Hardware and Software**

2.3.1 Hardware requirement :-

Main Processor Core I3

Hard-disk Capacity 8 G.B

RAM 256 MB

Clock Speed 2.8 Hz

Floppy Drive : 1.44MB

Keyboard 104 Key

2.3.2 Software Requirement :-

Operating System Window 7

Backend tool Oracle 10 g

Front-end tool Java ,Html, Css, JavaScript

**CHAPTER 3**

**SYSTEM DESIGN**

**3.1 Introduction**

System design provides the understandings and procedural details necessary for implementing the system recommended in the system study. Emphasis is on the translating the performance requirements into design specifications. The design phase is a transition from a user-oriented document (System proposal) to a document oriented to the programmers or database personnel.

System design goes through two phases of development:

1) Logical Design

2) Physical Design

A data flow diagram shows the logical flow of the system. For a system it describes the input (source), output (destination), database (data stores) and procedures (data flows) all in a format that meets the user’s requirement. When analysis prepare the logical system design, they specify the user needs at a level of detail that virtually determines the information flow into an out of the system and the required data resources. The logical design also specifies input forms and screen layouts.

The activities following logical design are the procedure followed in the physical design e.g., producing programs, software, file and a working system. Design specifications instruct the user about what the system should do.

Logical and Output Design:

The logical design of an information system is analogous to an engineering blue print of an automobile. It shows the major features and how they are related to one another. The detailed specification for the new system was drawn on the bases of user’s requirement data. The outputs inputs and databases are designed in this phase.

**3.2 ER-Diagram**

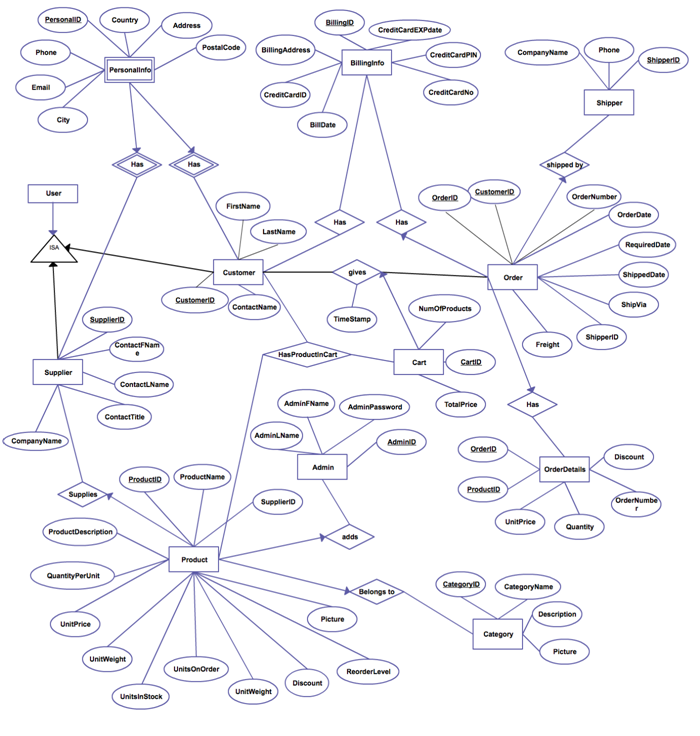


Figure-3.2.1 **(** ER-Diagram )

**3.3 Data Flow Diagram ( DFD ) :**

3.3.1 Context Level DFD:

Add & update products, category.

Delivery updates & Query Response

ADMIN

Get Queries.

Check Orders & Check Payments.

CUSTOMER

Browser Products. Add Products to Carts.

Check Order Status Online Place Orders & Make Payments.

Get Query Response Make Query

Figure-3.2.1 **(** ER-Diagram )

Figure-3.3.1(Context Level DFD )

3.3.2 First Level DFD:

ADMIN

Get Queries.

Check Orders & Check Payments.

Add & update products, category.

Delivery updates & Query Response

Place Orders & Make Payments.

Check Order Status Online.

Get Query Response

Make Query

Add Products to Carts.

Order Track

CUSTOMER

Browse Products.

Create Account

Update Profile

Get Query Response

Get Payment Reports

Get Orders Reports

Get Delivery Reports

VISITOR

MEMBER

Figure-3.3.2 (First Level DFD )

3.3.3 Second Level DFD (ADMIN):

ADMIN USER

USER

Process Login

Enter Username & Password

I F LOGIN TRUE THEN ENTER

TO ADMIN SECTION

Add update, delete Product

Product Category

PRODUCT

CATEGORY

Check Orders & Order Details

Update Member Payment Receiving

QUERY

MEMBER\_PAYMENT

(External Entity)

Get Query & Update Query Response

MEMBER

(External Entity)

ORDER DETAIL

(External Entity)

Place Orders to Delivery & Update Delivery Status

DELIVERY

Get Member Details

Check Orders & Order Details

Figure-3.3.3(Second Level DFD (ADMIN))

3.3.4 Second Level DFD ( CUSTOMER )

Process Login

Enter Username & Password

customer section

MEMBER USER

Get or Update Profile

I F LOGIN TRUE THEN ENTER TO MEMBER SECTION

PRODUCT

(External Entity)

Browse Products & Add to Cart and Place Cart to Order (Check Out)

CATEGORY

(External Entity)

Get Payment Details

MEMBER\_PAYMENT

DELIVERY

(External Entity)

ORDER DETAIL

(Derived Entity)

ORDER

(Derived Entity)

Make Query & Get Response

QUERY

To Order

Check Orders & Order Details

Get Delivery Status

Figure-3.3.4(Second Level DFD ( CUSTOMER) )

3.3.5 Second Level DFD (VISITOR):

VISITOR USER

ENTER TO VISITOR SECTION

PRODUCT

(External Entity)

CATEGORY

(External Entity)

Browse Category & Add to Cart and Place Cart to Order (Check Out)

Browse Products & Add to Cart and Place Cart to Order (Check Out)

Figure-3.3.5 ( Second Level DFD (VISITOR) )

3.3.6 Second Level DFD (ORDER TRACK):

CUSTOMER (VISITOR OR MEMBER)

ENTER ORDER\_ID

FOR ENTERING TO THIS MODULE

ORDER

(Derived Entity)

Order Details

Check Orders & Order Details

ORDER DETAIL

(Derived Entity)

DELIVERY

(External Entity)

Make Query & Get Response

QUERY

Get Delivery Status

Figure-3.3.6(Second Level DFD (ORDER TRACK) )

**CHAPTER 4**

**DATABASE DESIGN**

**4.1. Database & File Design : -**

4.1.1 Admin Table :-

This table is used to detail about Admin with Unique\_Id, Email, Password

Admin is used to add item, view sell item and pending item, detail about customer.

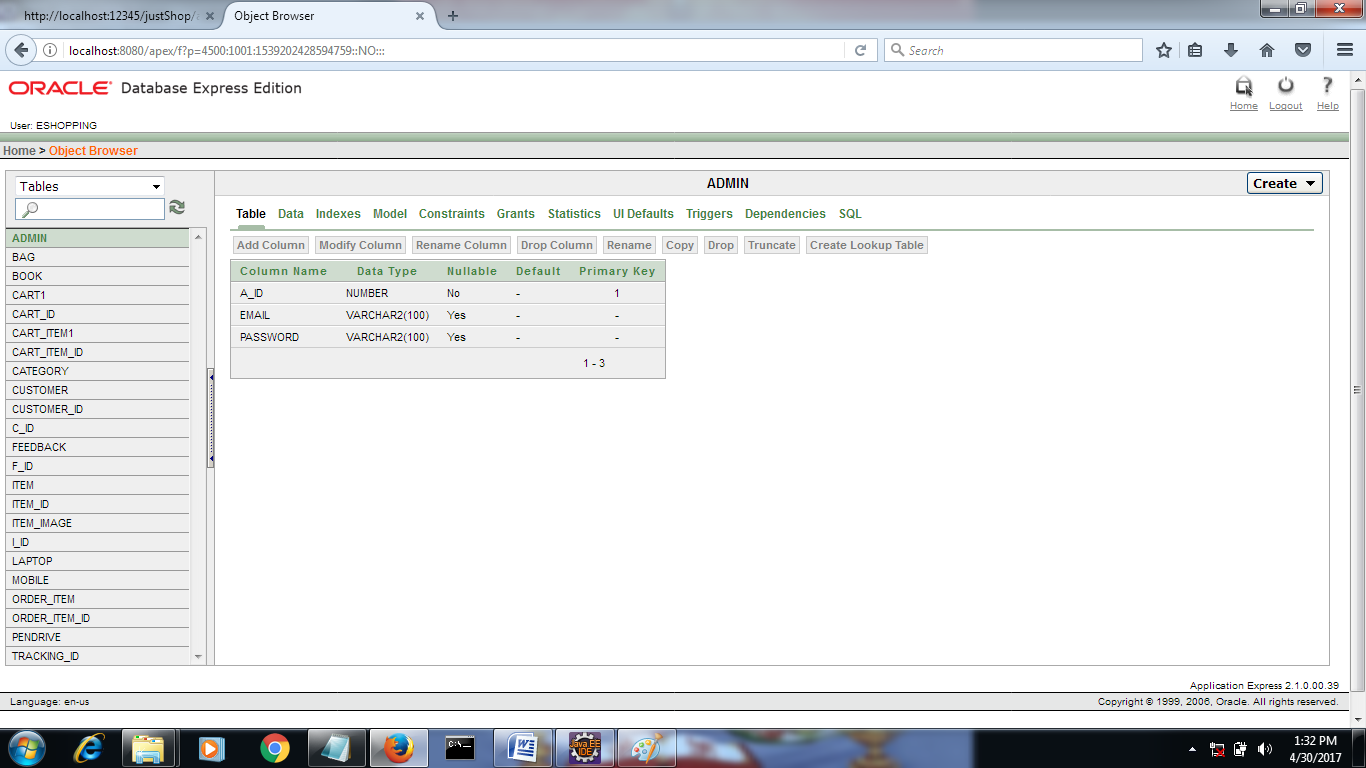


Table-4.1( Admin Table )

4.1.2 Customer Table :-

This table is used to detail information about customer as id,Email, Password, Address etc.

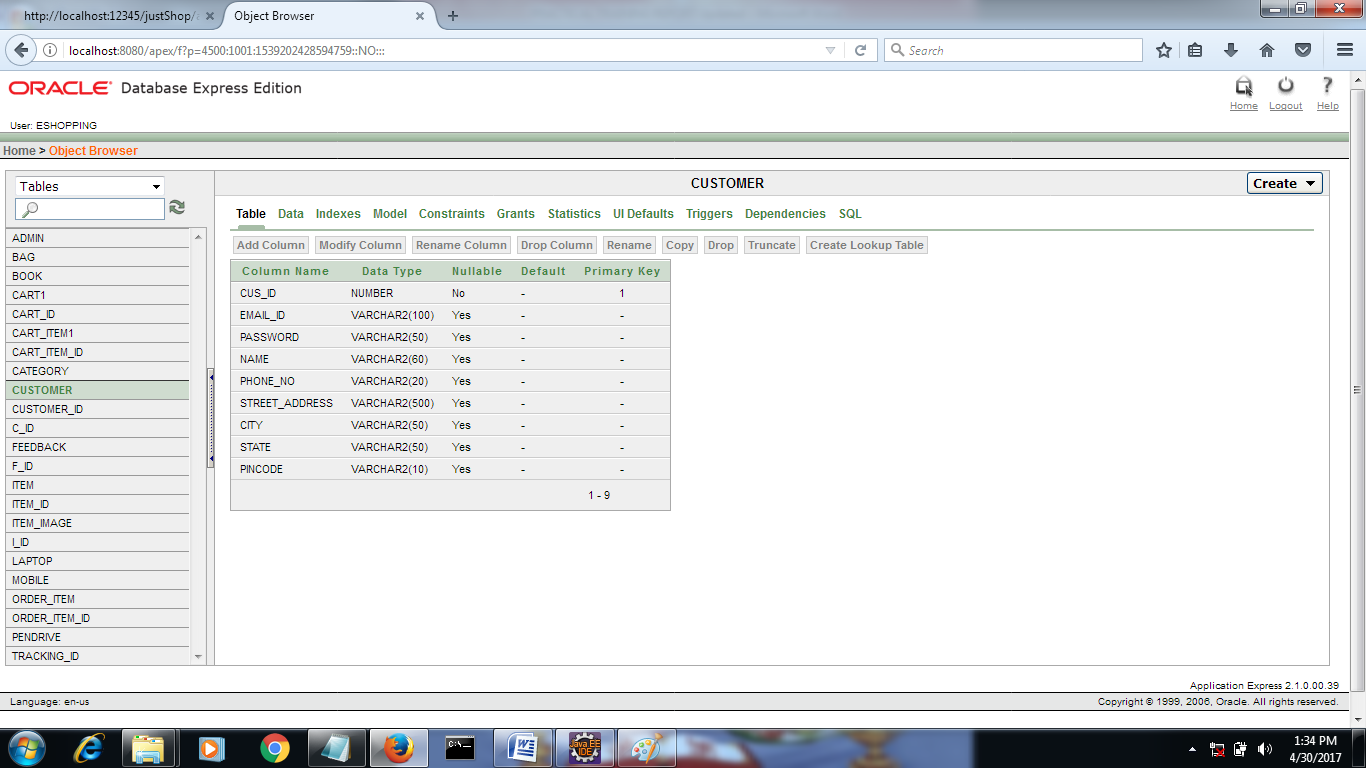


Table-4.2( Customer Table )

4.1.3 Item Table :-

Item detail about id, price, discount, etc.

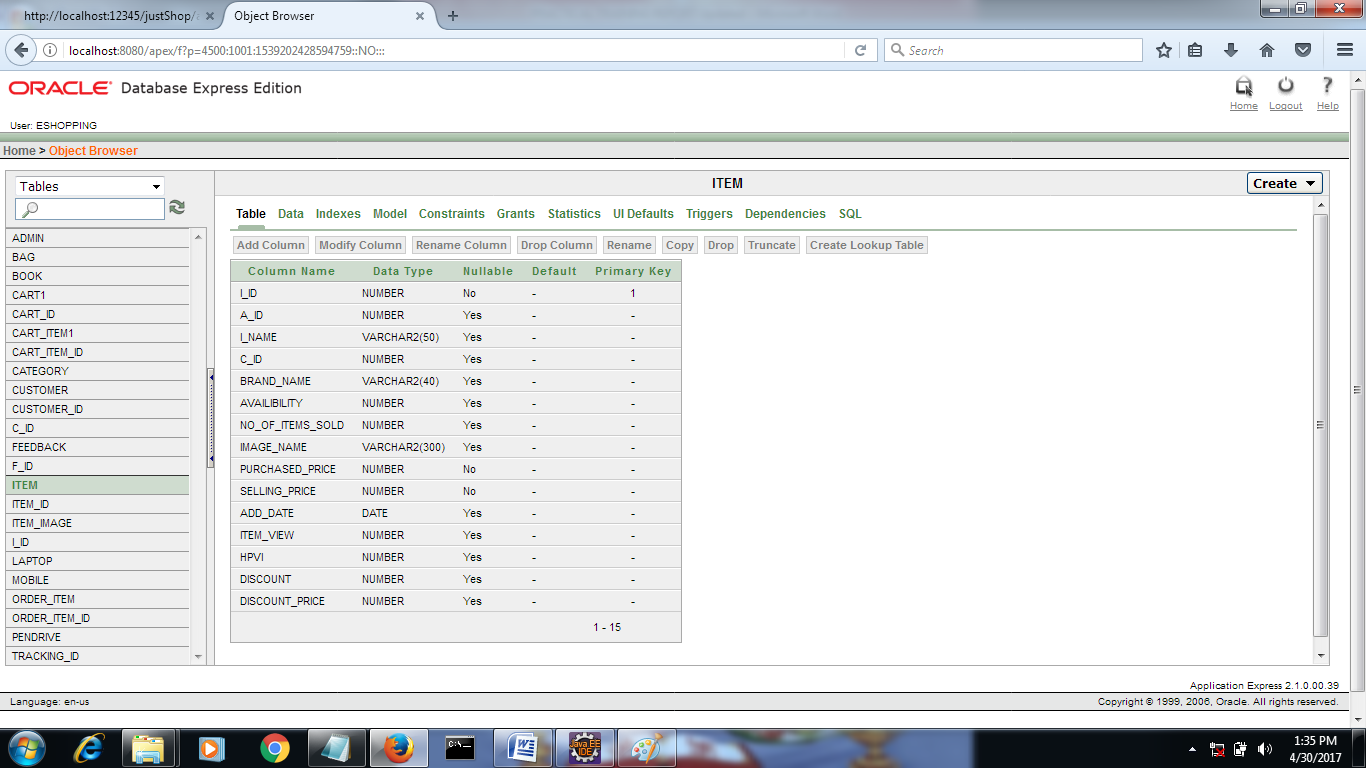


Table-4.3(Item Table )

4.1.4 Mobile Table :-

All added item create a separate table with id and deatil about it.

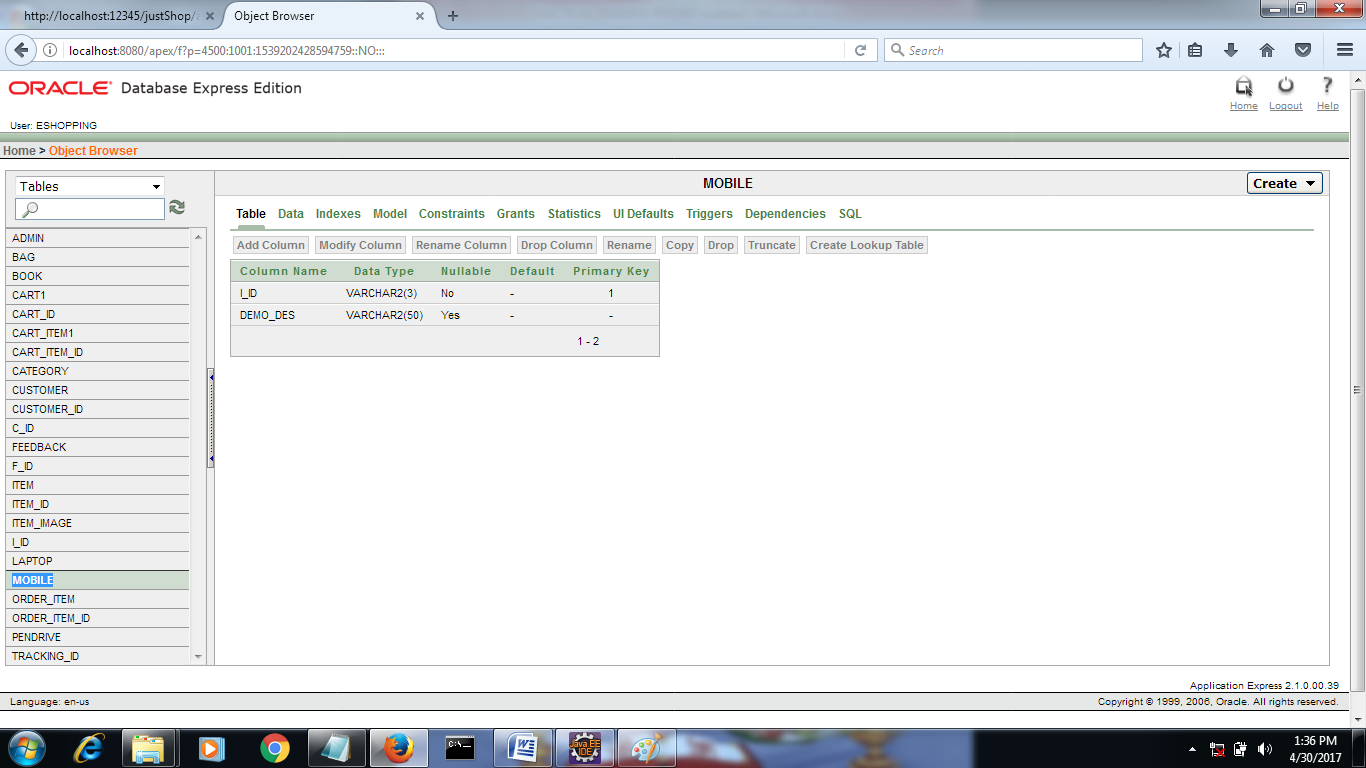


Table-4.4( Mobile Table )

4.1.5 Cart Item :-

This table is used payment to add cart by using debit card.

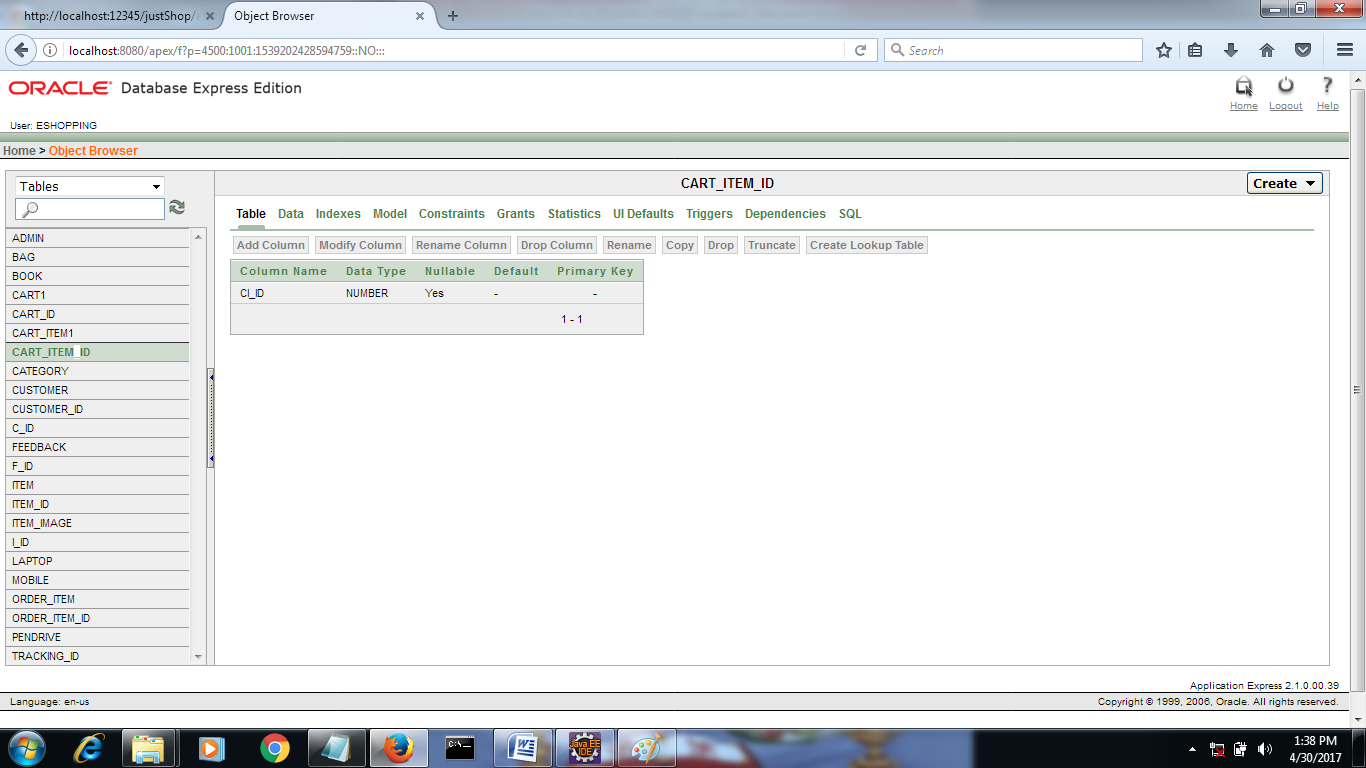


Table-4.5( Cart Item )

4.1.6 Pending Item Table :-

Detail about pending item with id , it again dispatch by the admin then customer place take this item.

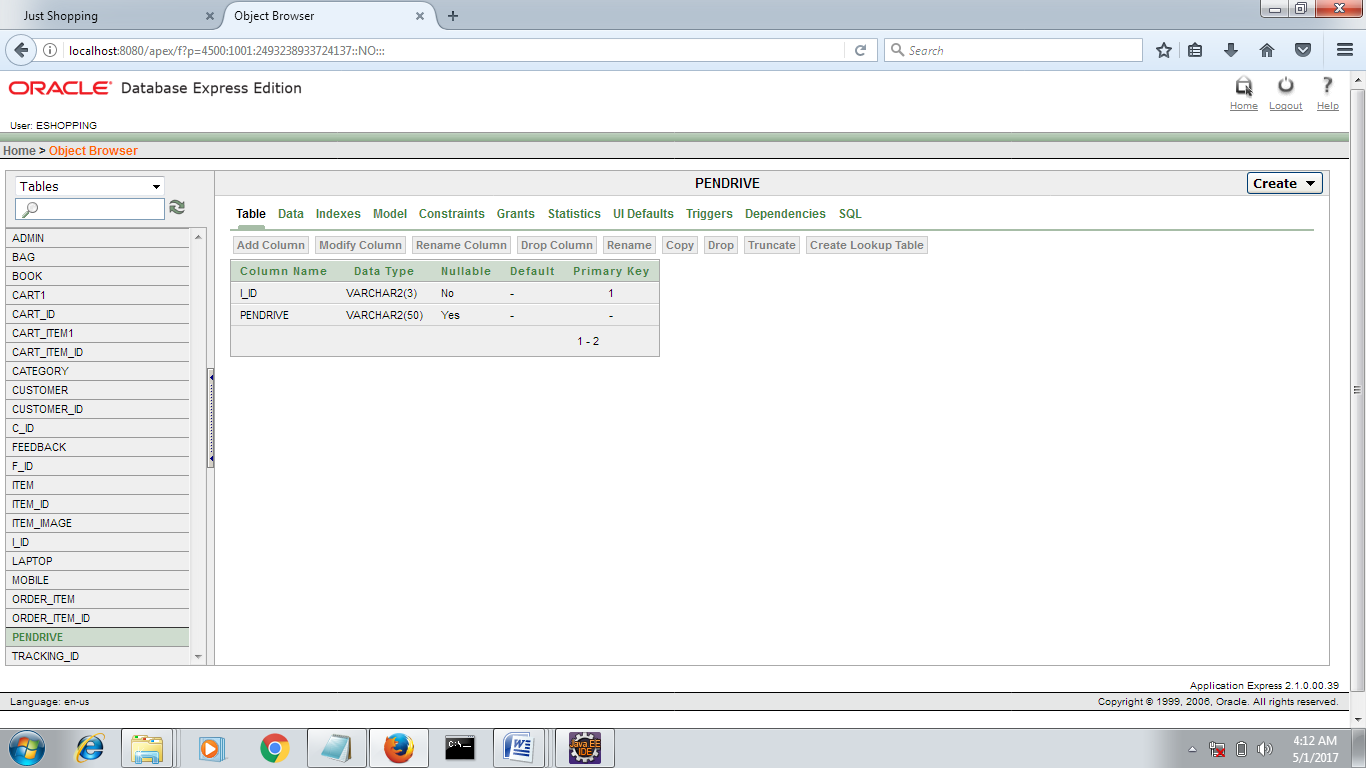
****

Table-4.6( Pending Item Table )

4.1.7 Feedback Table :-

By this table customer send a mail to admin for feedback a product .

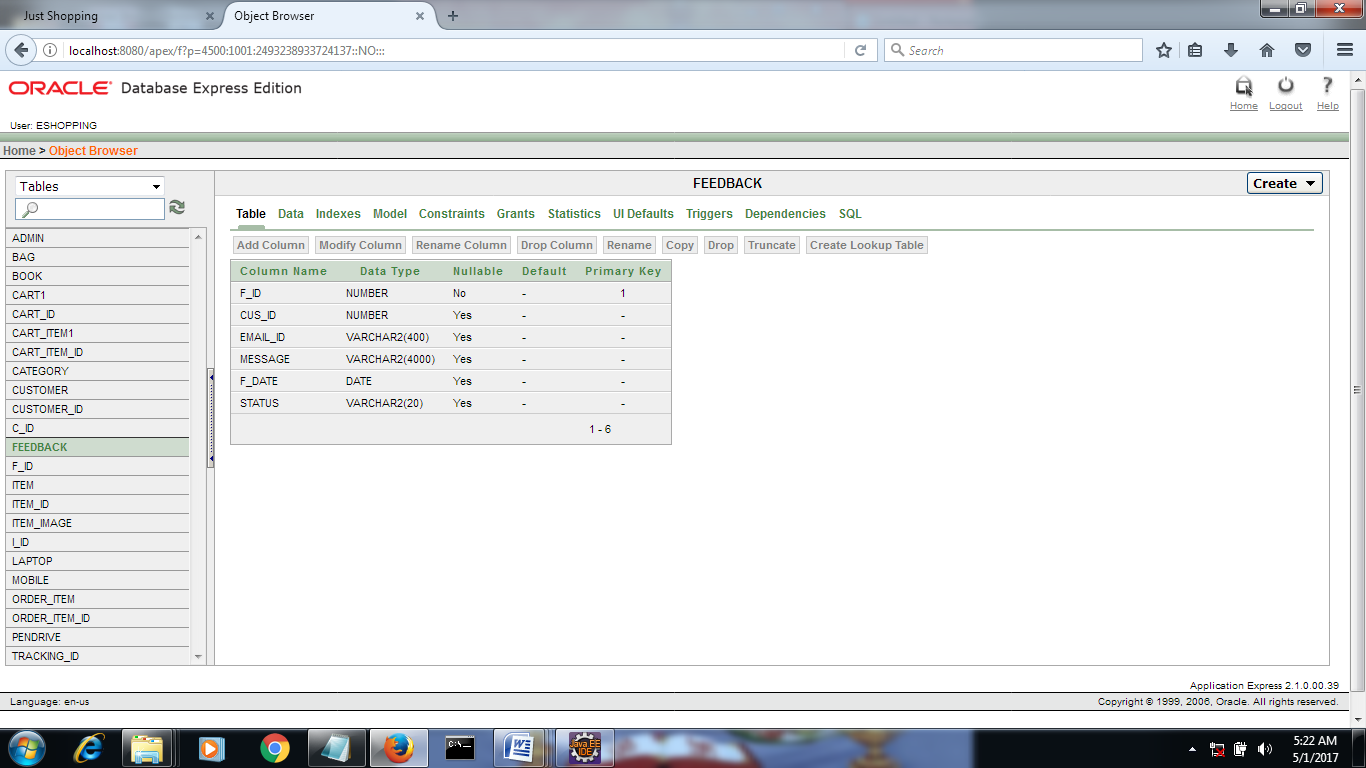
****

Table- 4.7( Feedback Table )

4.1.8 Item Image Table :-

Item create a separated table for added items.

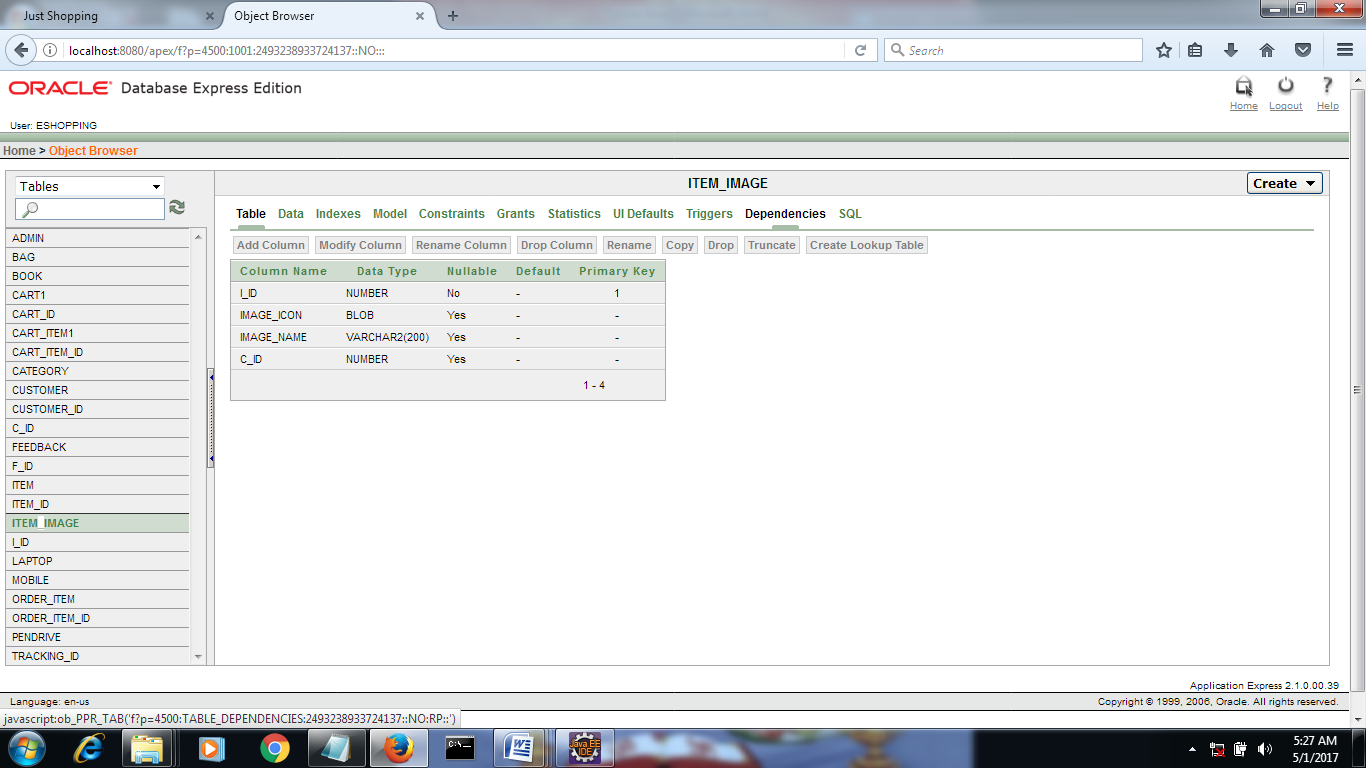


Table-4.8( Item Image Table )

4.1.9 Customer Id Table :-

All Customer after login create a separate table with unique id that is user\_id and password.

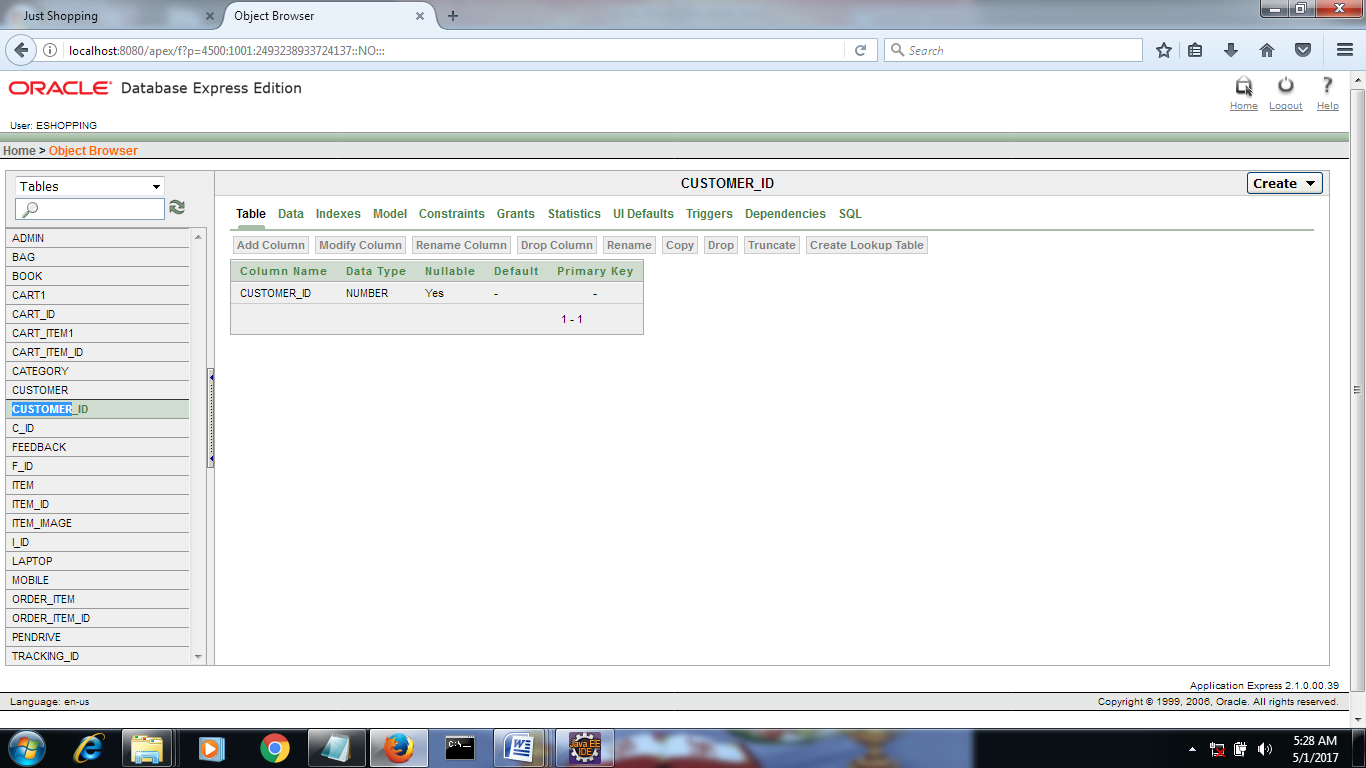
****

Table-4.9( Customer Id Table )

4.1.10 Category Table :-

All added item separated by category name.

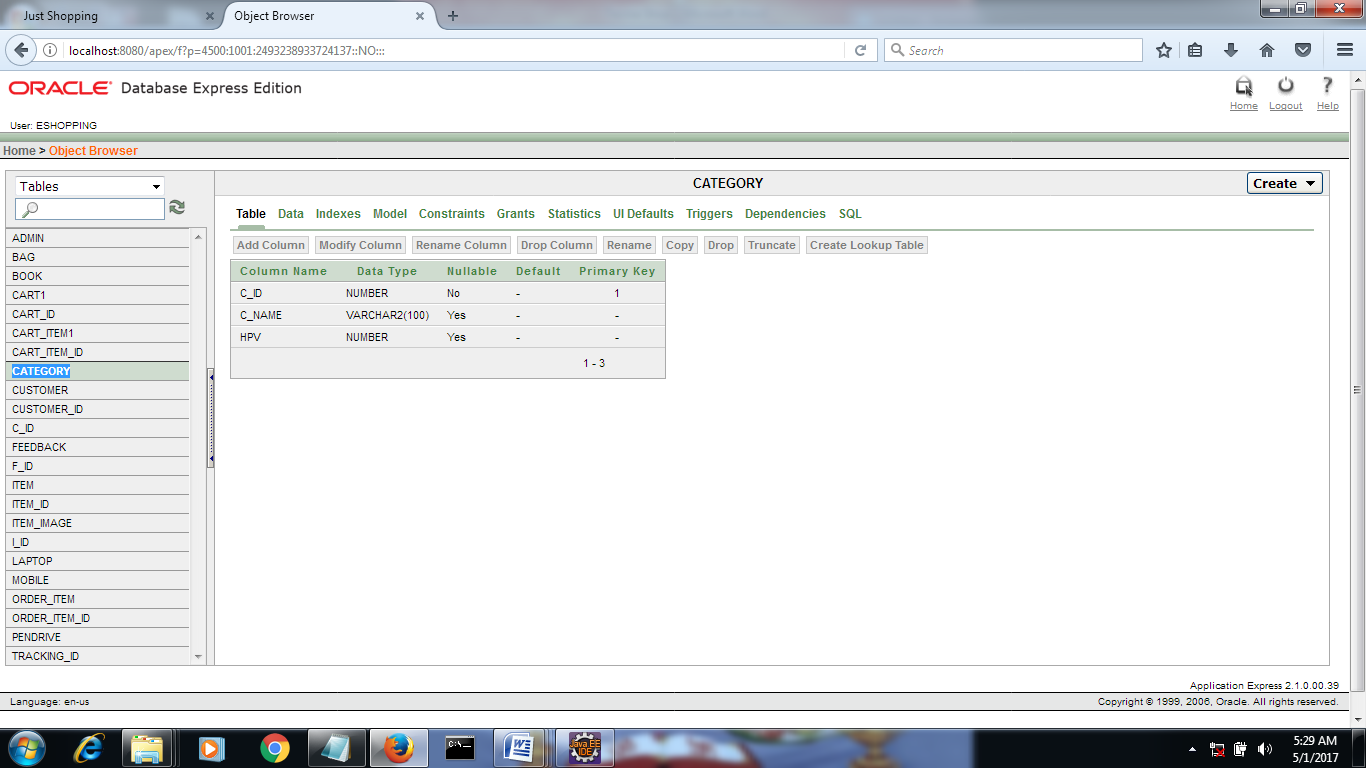


Table-4.10**(** Category Table **)**

**CHAPTER 5**

**IMPLEMENTATION**

**5.1 Home Page Design code :-**

<%--

Document : index

Created on : 20 feb, 2017, 5:56:49 PM

Author :<script src="js/jquery-func.js" type="text/javascript"></script> user

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<title>Shop Around</title>

<meta http-equiv=*"Content-type"* content=*"text/html; charset=utf-8"* />

<link rel=*"stylesheet"* href=*"css/style.css"* type=*"text/css"* media=*"all"* />

<link rel=*"stylesheet"* href=*"css/popup.css"* type=*"text/css"* media=*"all"* />

<script>

**function** search()

{

**var** i\_name= document.frm.item\_name.value.trim();

**var** c\_id= document.frm.category.value;

**if**(i\_name=="")

**var** unn=0;

**else**

window.location.replace("home\_search.jsp?item\_name="+i\_name+"&c\_id="+c\_id+"");

}

</script>

</head>

<body>

<!-- Shell -->

<div class=*"shell"*>

<!-- Header -->

<%@include file=*"header.jsp"*%>

<!-- End Header -->

<%

Connection con=**null**;

Statement s[]=**new** Statement[20];

ResultSet r[]=**new** ResultSet[20];

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

**for**(**int** i=0;i<20;i++)

s[i]=con.createStatement();

r[0]=s[0].executeQuery("select \* from category where hpv='1' order by c\_id");

%>

<!-- Main -->

<div id=*"main"*>

<!-- Content -->

<div id=*"content"*>

<!-- Content Slider -->

<%@include file=*"slider.jsp"*%>

<!-- End Content Slider -->

<!-- Products -->

<div class=*"products"*>

<%

**while**(r[0].next())

{

%>

<div class=*"box1"*>

<a href=*"#"*><h2 style="color: *black*"><%=r[0].getString(2).toUpperCase()%></h2></a>

</div>

<%

**try**{

r[1]=s[1].executeQuery("select \* from item where c\_id='"+r[0].getString(1)+"' and hpvi='1'");

**while**(r[1].next())

{

%>

<ul>

<li> <a href=*"item\_click.jsp?i\_id=*<%=r[1].getString(1)%>*"*><img src=*"image.jsp?i\_id=*<%=r[1].getString(1)%>*"*/></a>

<div class=*"product-info"*>

<div class=*"product-desc"*>

<h3><a href=*"item\_click.jsp?i\_id=*<%=r[1].getString(1)%>*"*><%=r[1].getString(3)%></a></h3>

<% **if**(r[1].getInt(14)==0) { %>

<h3> </h3>

<h3>Rs. <%=r[1].getString(10)%></h3>

<% }**else** {

**int** new\_price=r[1].getInt(10)-(r[1].getInt(10)\*r[1].getInt(14)/100);

%>

<div style="text-decoration: *blink*; color: *red*; padding-left: *10px*">discount <%=r[1].getInt(14)%> %</div>

<h3>Rs. <strike><%=r[1].getString(10)%></strike> <%=new\_price%></h3>

<% }%>

</div>

</li>

</ul>

<%

}}**catch**(Exception e){}%>

<div class=*"cl"*>&nbsp;</div>

<br>

<%

}

%>

<div class=*"cl"*>&nbsp;</div>

</div>

<!-- End Products -->

</div>

<!-- End Content -->

<!-- Sidebar -->

<div id=*"sidebar"*>

<!-- Search -->

<div class=*"box search"*>

<h2>Search by</h2>

<div class=*"box-content"*>

<form name=*"frm"*>

<br>

<label>Item</label>

<input type=*"text"* class=*"field"* name=*"item\_name"*/>

<br>

<label>Category</label>

<select class=*"field"* name=*"category"*>

<option value=*""*>-- Select Category --</option>

<%

r[2]=s[2].executeQuery("select \* from category");

**while**(r[2].next())

{

%>

<option value=*"*<%=r[2].getString(1)%>*"*><%=r[2].getString(2)%></option>

<%

}

%>

</select>

<input type=*"button"* class=*"search-submit"* value=*"Search"* onclick="search()"/>

</form>

</div>

</div>

<!-- End Search -->

<!-- Categories -->

<div class=*"box categories"*>

<h2>Categories</h2>

<div class=*"box-content"*>

<ul>

<%

r[3]=s[3].executeQuery("select \* from category");

**while**(r[3].next())

{

%>

<br><li><a href=*"home\_category.jsp?c\_id=*<%=r[3].getString(1)%>*&category=*<%=r[3].getString(2)%>*"*><b><%=r[3].getString(2)%></b></a></li>

<%

}

%>

</ul>

<%

}**catch**(Exception se){}

**finally**

{

**try**

{

con.close();

}**catch**(Exception e){}

}

%>

</div>

</div>

<!-- End Categories -->

</div>

<!-- End Sidebar -->

<div class=*"cl"*>&nbsp;</div>

</div>

<!-- End Main -->

<!-- Side Full -->

<!-- End Side Full -->

<!-- Footer -->

<%@include file=*"footer.jsp"*%>

<!-- End Footer -->

</div>

<!-- End Shell -->

</body>

</html>

**5.2 Buy Product Design code :-**

<%--

Document : signup

Created on : Mar 10, 2017, 12:39:36 PM

Author : user

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<link rel=*"stylesheet"* href=*"css/style.css"* type=*"text/css"* media=*"all"* />

<link rel=*"stylesheet"* href=*"css/popup.css"* type=*"text/css"* media=*"all"* />

<script>

**function** change(obj)

{

**var** a=obj.name;

a=a.substring(1);

**var** b=obj.value;

window.location.replace("update\_cart\_item\_no.jsp?ci\_id="+a+"&quantity="+b+"&p\_id=1");

}

**function** nxt()

{

window.location.replace("place\_order1.jsp");

}

</script>

</head>

<body>

<div class=*"shell"*>

<%@include file=*"header.jsp"*%>

<%

String last\_cart\_id1=session.getAttribute("last\_cart\_id").toString();

**int** last\_cart\_id=Integer.parseInt(last\_cart\_id1);

Connection con=**null**;

Statement st=**null**;

ResultSet rs=**null**;

Statement st1=**null**;

ResultSet rs1=**null**;

Statement st2=**null**;

ResultSet rs2=**null**;

Statement st3=**null**;

ResultSet rs3=**null**;

**int** price=0;

**int** new\_price=0;

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

st=con.createStatement();

st1=con.createStatement();

st2=con.createStatement();

st3=con.createStatement();

rs=st.executeQuery("select i\_id,quantity,ci\_id from cart\_item1 where cart\_id='"+last\_cart\_id+"'");

%>

<br><br><br>

<form name=*"frm1"*>

<center>

<table width=*"840"* border=*"0"*>

<tr>

<th height=*"40"* style="color: *black*; font-size: *16px*"><u>SHOPPING CART</u></th>

<th width=*"50"*></th>

</tr>

</table>

</center>

<br>

<center>

<div style="border:*solid 1px #666666*; color: *#0066cc*; width: *840px*;">

<table width=*"840"* border=*"0"*>

<tr>

<th height=*"40"* width=*"300"* style="color: *#666666*; font-size: *14px*">Item Description</th>

<th width=*"210"* style="color: *#666666*; font-size: *14px*">Price</th>

<th width=*"100"* style="color: *#666666*; font-size: *14px*">Qty</th>

<th width=*"160"* style="color: *#666666*; font-size: *14px*">SubTotal</th>

<th width=*"50"*></th>

</tr>

</table>

</div>

<br>

<table width=*"840"* border=*"0"*>

<%

PreparedStatement ps=**null**;

PreparedStatement ps1=**null**;

**int** i;

**while**(rs.next()){

i=Integer.parseInt(rs.getString(2));

**int** j=rs.getInt(3);

rs1=st1.executeQuery("select AVAILIBILITY,selling\_price from item where i\_id='"+rs.getString(1)+"'");

rs1.next();

**int** ex=0;

**if**(rs1.getInt(1)==0)

{

ps1=con.prepareStatement("delete from cart\_item1 where ci\_id='"+j+"'");

ps1.executeUpdate();

ex=1;

}

**else** **if**(rs.getInt(2)>rs1.getInt(1))

{

ps=con.prepareStatement("update cart\_item1 set quantity='1',price='"+rs1.getInt(2) +"' where ci\_id='"+j+"'");

ps.executeUpdate();

}

**if**(ex==0){

rs2=st2.executeQuery("select i\_name,AVAILIBILITY,selling\_price,discount from item where i\_id='"+rs.getString(1)+"'");

rs2.next();

rs3=st3.executeQuery("select price from cart\_item1 where ci\_id='"+j+"'");

rs3.next();

%>

<tr>

<th height=*"45"* width=*"300"* style=" font-size: *13px*; color: *#333333*"><%=rs2.getString(1)%></th>

<% **if**(rs2.getInt(4)==0) { %>

<th width=*"210"* style=" font-size: *13px*; color: *#333333*"><%=(rs2.getInt(3))%></th>

<% }**else** {

new\_price=rs2.getInt(3)-(rs2.getInt(3)\*rs2.getInt(4)/100);

%>

<th width=*"210"* style=" font-size: *13px*; color: *#333333*"><strike><%=rs2.getString(3)%></strike> <%=new\_price%></th>

<% }%>

<th width=*"100"* style=" font-size: *13px*; color: *#333333*">

<% **if**(rs2.getInt(2)!=0)

{ %>

<select name=*"d*<%=j%>*"* onchange=*"change(this)"*>

<%

**for**(**int** cnt=1;cnt<=rs2.getInt(2);cnt++){

%>

<option value=*"*<%=cnt%>*"*><%=cnt%></option>

<%

} %>

</select>

<script>;document.frm1.d<%=j%>.value="<%=i%>";</script>

<% }**else** { %>

<h2>Out of Stock</h2>

<% }%>

</th>

<th width=*"160"* style=" font-size: *13px*; color: *#333333*">

<%=rs3.getInt(1)%>

</th>

<th width=*"50"*><a href=*"delete\_cart\_item.jsp?ci\_id=*<%=j%>*&p\_id=1"*><img src=*"images/close.png"* width=*"27"* height=*"27"*/></a></th>

</tr>

<%

price=price+rs3.getInt(1);

}}

}**catch**(Exception e){}

**finally**

{

**try**

{

con.close();

}**catch**(Exception e){}

}

%>

</table>

</center>

<br>

<center>

<% **if**(price==0){%>

<table width=*"840"* border=*"0"*>

<tr>

<th height=*"40"* style="color: *red*; font-size: *15px*">There are no items in this cart.</th>

<th width=*"50"*></th>

</tr>

</table>

<% }**else**{ %>

<div style="border:*solid 1px #666666*; color: *#0066cc*; width: *840px*;">

<table width=*"840"* border=*"0"*>

<tr>

<td width=*"220"* height=*"40"* align=*"right"* style="color: *black*; font-size: *15px*">Amount Payable: Rs. </td>

<td width=*"200"* align=*"left"* style="color: *black*; font-size: *15px*"><%=price%></td>

</tr>

</table>

</div>

<br>

<table width=*"840"* border=*"0"*>

<tr>

<td height=*"40"*></td>

<td width=*"167"* align=*"right"*>

<input name=*"btn1"* type=*"button"* style="width: *115px*; height: *33px*; border:*solid 1px #999999*; background-color: *#990000*; color: *white*; font-size: *14px*" value=*"Place Order"* onclick="nxt()"/>

</td>

</tr>

</table>

<% } %>

</center>

</form>

<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>

<%@include file=*"footer.jsp"*%>

</div>

</body>

</html>

**5.3 Admin Design code :-**

<%--

Document : admin

Created on : Mar 10, 2017, 5:50:41 PM

Author : user

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<script>

**function** dlt(i\_id,c\_id)"WebContent/admin/admin.jsp"

{

**var** v=3;

**var** r=confirm("Are you sure!");

**if** (r==**true**)

{

window.location.replace("delete\_item.jsp?i\_id="+i\_id+"&c\_id="+c\_id+"&p\_id="+v+"");

}

}

</script>

</head>

<body>

<div class=*"shell"*>

<div style="min-height: *600px*">

<%@include file=*"header.jsp"*%>

<%@include file=*"drop\_down\_menu.jsp"*%>

<br><br><br><br><br>

<%

Connection con=**null**;

Statement st=**null**;

ResultSet rs=**null**;

Statement st1=**null**;

ResultSet rs1=**null**;

Statement st2=**null**;

ResultSet rs2=**null**;

Statement st3=**null**;

ResultSet rs3=**null**;

Statement st4=**null**;

ResultSet rs4=**null**;

Statement st5=**null**;

ResultSet rs5=**null**;

Statement st6=**null**;

ResultSet rs6=**null**;

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

st=con.createStatement();

st1=con.createStatement();

st2=con.createStatement();

st3=con.createStatement();

st4=con.createStatement();

st5=con.createStatement();

st6=con.createStatement();

String pending="pending";

rs=st.executeQuery("select \* from order\_item where status='"+pending+"' order by o\_id asc");

rs3=st3.executeQuery("select \* from order\_item where status='"+pending+"' order by o\_id asc");

**int** cnt=0;

**while**(rs3.next())

cnt++;

rs4=st4.executeQuery("select \* from item where AVAILIBILITY='0' order by i\_id");

rs5=st5.executeQuery("select \* from item where AVAILIBILITY='0' order by i\_id");

**int** cnt1=0;

**while**(rs5.next())

cnt1++;

%>

<div align=*"center"*>

<table width=*"500"* height=*"35"* border=*"0"*>

<tr>

<th><p style="color: *red*; font-size: *15px*"><u><b>ITEMS OUT OF STOCK= <%=cnt1%></b></u></p></th>

</tr>

</table>

<table width=*"960"* border=*"0"*>

<% **if**(cnt1!=0){ %>

<tr>

<th width=*"35"* height=*"60"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Item Id</th>

<th width=*"80"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Name</th>

<th width=*"71"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Category</th>

<th width=*"71"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Brand</th>

<th width=*"73"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Purchased Price</th>

<th width=*"60"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Selling Price</th>

<th width=*"62"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Last Updated Date</th>

<th width=*"35"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Details</th>

<th width=*"35"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Update</th>

<th width=*"35"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Delete</th>

</tr>

<% } **while**(rs4.next()){

rs6=st6.executeQuery("select c\_name from category where c\_id='"+rs4.getString(4)+"'");

rs6.next();

%>

<tr>

<td height=*"67"* align=*"center"*><%=rs4.getString(1)%></td>

<td align=*"center"*><%=rs4.getString(3)%></td>

<td align=*"center"*><%=rs6.getString(1)%></td>

<td align=*"center"*><%=rs4.getString(5)%></td>

<td align=*"center"*><%=rs4.getString(9)%></td>

<td align=*"center"*><%=rs4.getString(10)%></td>

<td align=*"center"*><%=rs4.getString(11).substring(0, 10)%></td>

<td align=*"center"*><a href=*"item\_details.jsp?i\_id=*<%=rs4.getString(1)%>*&cat=*<%=rs6.getString(1)%>*"*>details</a></td>

<td align=*"center"*><a href=*"edit\_item1.jsp?i\_id=*<%=rs4.getString(1)%>*&cat=*<%=rs6.getString(1)%>*"*>update</a></td>

<td align=*"center"*><a href=*"#"* onclick=*"dlt(*<%=rs4.getString(1)%>*,*<%=rs4.getString(4)%>*)"*><img src=*"images/close.png"* width=*"27"* height=*"27"*/></a></td>

</tr>

<% } %>

</table>

</div>

<br>

<div align=*"center"*>

<table width=*"500"* height=*"35"* border=*"0"*>

<tr>

<th><p style="color: *red*; font-size: *15px*"><u><b>NO OF ORDERS (PENDING)= <%=cnt%></b></u></p></th>

</tr>

</table>

<table width=*"600"* border=*"0"*>

<% **if**(cnt!=0){ %>

<tr>

<th width=*"80"* height=*"40"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*;">Date</th>

<th width=*"100"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*;">No of Orders</th>

</tr>

<% }

rs1=st1.executeQuery("select count(\*),o\_date from order\_item where status='"+pending+"' group by o\_date");

**while**(rs1.next())

{

%>

<tr>

<td height=*"37"* align=*"center"*><%=rs1.getString(2).substring(0, 10)%></td>

<td align=*"center"*><%=rs1.getString(1)%></td>

</tr>

<%

}

%>

</table>

</div>

<%} **catch**(Exception e){}

**finally**

{

**try**{

con.close();

}**catch**(Exception e){}

}

%>

</table>

</div>

<%@include file=*"footer.jsp"*%>

</div>

<%

**if**(session.getAttribute("cant\_del")=="cant\_del")

{

%><script language=*"javascript"*>alert("cant delete, item is in the order table");</script><%

session.removeAttribute("cant\_del");

}

%>

</body>

</html>

**5.4 Add Category code :-**

<%--

Document : add\_category

Created on : jan, 2017, 7:53:08 PM

Author : surya

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<%@page session=*"true"* %>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<script>

**var** cnt=0;

**function** generateRow(){

**var** d=document.getElementById("div");

**var** st=document.form1.box1.value;

**if**(st.length==0)

alert("empty field cant be added");

**else**

{

**var** len=st.length;

**var** i=0;

**var** st1="";

**var** ch1=0;

**for**(i=0;i<len;i++)

{

**if**(st.charAt(i)==" ")

{

//var ch=st.charAt(i);

**if**(ch1==0)

{

st1=st1+"";

ch1=0;

}

**else**

{

st1=st1+"\_";

}

}

**else**

{

st1=st1+st.charAt(i);

ch1=1;

}

}

d.innerHTML+="<input type='text' name="+st1+" value="+st1+" style=' height: 27px; border:solid 1px #999999' size='35'><br><br>";

cnt++;

document.form1.box1.value=**null**;

}

}

**function** load()

{

document.form1.box1.value=**null**;

document.form1.category.value=**null**;

}

**function** load1()

{

**var** b="";

**if**(document.form1.category.value=="")

{

b="category cant be empty";

}

**if**(b.length!=0)

{

alert(b);

}

**else** **if**(cnt==0)

alert("no columns added");

**else**

{

document.form1.submit();

}

}

</script>

</head>

<body onload="load()">

<div class=*"shell"*>

<div style="min-height: *600px*">

<%@include file=*"header.jsp"*%>

<%@include file=*"drop\_down\_menu.jsp"*%>

<br><br><br><br><br>

<div align=*"center"*><p style="color: *red*; font-size: *15px*"><u><b>ADD CATEGORY</b></u></p></div>

<br>

<form name=*"form1"* id=*"form1"* ENCTYPE=*"multipart/form-data"* name=*"frm1"* ACTION=*"../category\_add"* METHOD=*"post"*>

<div style="padding-left: *140px*; padding-top: *60px*; float: *left*" >

<table border=*"0"*>

<tr>

<td style=" color: *#000000*; font-size: *13px*">Category</td>

<td><input type=*"text"* name=*"category"* style=" height: *27px*; border:*solid 1px #999999*" size=*"35"*></td>

</tr>

<tr>

<td></td>

<td style="height: *70px*"><input name=*"btn1"* type=*"button"* style="width: *70px*; height: *30px*; border:*solid 1px #999999*; background-color: *#990000*; color: *white*; font-size: *14px*" value=*"Submit"* onclick="load1();"/><td>

</tr>

</table>

</div>

<div style="padding-left: *500px*; padding-top: *60px*;" >

<table border=*"0"* style=" width: *40px*">

<tr>

<td></td>

<td><div id=*"div"*></div><td>

<td></td>

</tr>

<tr>

<td style=" color: *#000000*; font-size: *13px*">Description</td>

<td><input type=*"text"* name=*"box1"* style=" height: *27px*; border:*solid 1px #999999*" size=*"35"*></td>

<td><input name=*"btn"* type=*"button"* value=*"Add"* style="width: *70px*; height: *30px*; border:*solid 1px #999999*; background-color: *#990000*; color: *white*; font-size: *14px*" onclick="generateRow()"/></td>

</tr>

</table>

</div>

</form>

</div>

<%@include file=*"footer.jsp"*%>

</div>

<%

**if**(session.getAttribute("msg")=="already")

{

%><script language=*"javascript"*>alert("Table already exist\nor\nInvalid table name");</script><%

session.removeAttribute("msg");

}

**else** **if**(session.getAttribute("msg")=="success")

{

%><script language=*"javascript"*>alert("successful");</script><%

session.removeAttribute("msg");

}

**else** **if**(session.getAttribute("msg")=="notcreated")

{

%><script language=*"javascript"*>alert("table cant be created\nsame field name/reserved word/empty field cant be used");</script><%

session.removeAttribute("msg");

}

%>

</body>

</html>

**5.5 Change Password Code :-**

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-html40/strict.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<script>

**function** chng\_pass()

{

**var** old\_pass=document.frm.old\_pass.value;

**var** new\_pass=document.frm.new\_pass.value;

**var** re\_new\_pass=document.frm.re\_new\_pass.value;

**if**(old\_pass=="")

alert("Enter Old Password");

**else** **if**(new\_pass=="")

alert("Enter New Password");

**else** **if**(re\_new\_pass=="")

alert("Enter Repeat New Password");

**else** **if**(new\_pass!=re\_new\_pass)

alert("New Password Mismatch");

**else**

document.frm.submit();

}

</script>

</head>

<body>

<div class=*"shell"*>

<%@include file=*"header.jsp"*%>

<%@include file=*"drop\_down\_menu.jsp"*%>

<br><br><br><br><br>

<div align=*"center"*><p style="color: *red*; font-size: *15px*"><u><b>CHANGE PASSWORD</b></u></p></div>

<br><br><br>

<div align=*"center"*>

<table width=*"400"* border=*"0"*>

<form name=*"frm"* action=*"../change\_password"* method=*"post"*>

<tr>

<td height=*"45"* width=*"150"* style=" font-size: *14px*; color: *#000000*;">Old Password</td>

<td><input type=*"password"* style=" height: *30px*; border:*solid 1px #999999*" size=*"40"* name=*"old\_pass"* tabindex=*"1"*></td>

</tr>

<tr>

<td height=*"45"* style=" font-size: *14px*; color: *#000000*;">New Password</td>

<td><input type=*"password"* style=" height: *30px*; border:*solid 1px #999999*" size=*"40"* name=*"new\_pass"* tabindex=*"2"*></td>

</tr>

<tr>

<td height=*"45"* style=" font-size: *14px*; color: *#000000*;">Repeat New Password</td>

<td><input type=*"password"* style=" height: *30px*; border:*solid 1px #999999*" size=*"40"* name=*"re\_new\_pass"* tabindex=*"3"*></td>

</tr>

<tr>

<td height=*"45"*></td>

<td><input type=*"button"* name=*"btn1"* value=*"Save"* onclick="chng\_pass()" style="width: *80px*; height: *30px*; border:*solid 1px #999999*; background-color: *#990000*; color: *white*; font-size: *14px*"></td>

</tr>

</form>

</table>

</div>

<br><br><br><br><br><br><br><br><br><br><br>

<%@include file=*"footer.jsp"*%>

</div>

<%

**if**(session.getAttribute("pass\_chng\_success")=="pass\_chng\_success")

{

%><script language=*"javascript"*>alert("Password Changed Successfully");</script><%

session.removeAttribute("pass\_chng\_success");

}

**else** **if**(session.getAttribute("old\_pass\_mismatch")=="old\_pass\_mismatch")

{

%><script language=*"javascript"*>alert("Incorrect Old Password");</script><%

session.removeAttribute("old\_pass\_mismatch");

}

%>

</body>

</html>

**5.6 Search Item code :-**

<%--

Document : search

Created on : Apr 25, 2017, 12:56:46 AM

Author : user

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-html40/strict.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>JSP Page</title>

<script type=*"text/javascript"*>

**function** getSelectedValue()

{

**var** index = document.getElementById('drop1').value;

window.location.replace("search.jsp?name="+index);

}

**function** check()

{

**var** drop1=document.frm.drop1.value;

**var** drop2=document.frm.drop2.value;

**var** st="";

**if**(drop1=="i\_id")

st="Item Id";

**else** **if**(drop1=="i\_name")

st="Item Name";

**else** **if**(drop1=="c\_id")

st="Category";

**else** **if**(drop1=="brand\_name")

st="Brand";

**if**(drop1=="")

alert("Select Search Item By");

**else** **if**(drop2=="")

alert("Select "+st);

**else**

document.frm.submit();

}

</script>

</head>

<body onload="ld()">

<div class=*"shell"*>

<%@include file=*"header.jsp"*%>

<%@include file=*"drop\_down\_menu.jsp"*%>

<br><br><br><br><br>

<table border=*"0"* style=" margin-left: *325px*">

<tr>

<td><p style="color: *red*; font-size: *15px*"><u><b>SEARCH ITEM</b></u></p></td>

</tr>

</table>

<br><br>

<div align=*"center"*>

<form action=*"search\_next.jsp"* name=*"frm"*>

<%

String name=request.getParameter("name");

%>

<script>

**function** ld()

{

document.frm.drop1.value="<%=name%>";

}

</script>

<table border=*"0"*>

<tr>

<td width=*"140"* height=*"45"* style=" color: *#000000*; font-size: *14px*">Search Item By</td>

<td>

<div style=" width: *160px*; height: *30px*; border: *solid 1px #999999*;">

<select name=*"drop1"* id=*"drop1"* tabindex=*"1"* STYLE="width: *150px*; padding-top: *5px*; padding-left: *10px*; border: *0*" onchange=*"getSelectedValue();"*>

<option value=*""*> Select </option>

<option value=*"i\_id"*>Item Id</option>

<option value=*"i\_name"*>Item Name</option>

<option value=*"c\_id"*>Category</option>

<option value=*"brand\_name"*>Brand</option>

</select>

</div>

</td>

</tr>

<%

String name1="";

**if**(name==**null** || name.equalsIgnoreCase("select"))

name1="";

**else**

name1=name;

String str="";

**if**(name1.equalsIgnoreCase("i\_id"))

str="Item Id";

**else** **if**(name1.equalsIgnoreCase("i\_name"))

str="Item Name";

**else** **if**(name1.equalsIgnoreCase("c\_id"))

str="Category";

**else** **if**(name1.equalsIgnoreCase("brand\_name"))

str="Brand";

%>

<tr>

<td width=*"140"* height=*"70"* style=" color: *#000000*; font-size: *14px*">Select <%=str%></td>

<td>

<div style=" width: *160px*; height: *30px*; border: *solid 1px #999999*;">

<select name=*"drop2"* id=*"drop2"* tabindex=*"2"* STYLE="width: *150px*; padding-top: *5px*; padding-left: *10px*; border: *0*">

<option value=*""*> Select </option>

<%

Connection con=**null**;

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

Statement st= con.createStatement();

Statement st1= con.createStatement();

ResultSet rs=**null**;

ResultSet rs1=**null**;

rs= st.executeQuery("select distinct "+name1+" from item");

**while**(rs.next())

{

**if**(str.equalsIgnoreCase("Category"))

{

rs1= st1.executeQuery("select c\_name from category where c\_id='"+rs.getString(1)+"'");

rs1.next();

%>

<option value=*"*<%=rs.getString(1)%>*"*><%=rs1.getString(1)%></option>

<%}

**else**

{%>

<option value=*"*<%=rs.getString(1)%>*"*><%=rs.getString(1)%></option>

<%} }

}**catch**(Exception e){}

**finally**

{

**try**{

con.close();

}**catch**(Exception e){}

}

%>

</select>

</div>

</td>

</tr>

<tr>

<td width=*"140"* height=*"50"*></td>

<td>

<input name=*"btn1"* type=*"button"* tabindex=*"3"* onclick="check()" style="width: *80px*; height: *30px*; border:*solid 1px #999999*; background-color: *#990000*; color: *white*; font-size: *14px*" value=*"Submit"*/>

</td>

</tr>

</table>

</form>

</div>

<br><br><br><br><br><br><br><br><br><br><br>

<%@include file=*"footer.jsp"*%>

</div>

<%

**if**(session.getAttribute("cant\_del")=="cant\_del")

{

%><script language=*"javascript"*>alert("cant delete, item is in the order table");</script><%

session.removeAttribute("cant\_del");

}

**else** **if**(session.getAttribute("suc\_del")=="suc\_del")

{

%><script language=*"javascript"*>alert("Item Successfully Deleted");</script><%

session.removeAttribute("suc\_del");

}

%>

</body>

</html>

**5.7 View All Product code :-**

<%--

Document : admin

Created on : Apr 10, 2017, 5:50:41 PM

Author : user

--%>

<%@page session=*"true"* %>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<script>

**function** dlt(i\_id,c\_id)

{

**var** v=2;

**var** r=confirm("Are you sure!");

**if** (r==**true**)

{

window.location.replace("delete\_item.jsp?i\_id="+i\_id+"&c\_id="+c\_id+"&p\_id="+v+"");

}

}

</script>

</head>

<body>

<div class=*"shell"*>

<div style="min-height: *600px*">

<%@include file=*"header.jsp"*%>

<%@include file=*"drop\_down\_menu.jsp"*%>

<br><br><br><br>

<center><p style="color: *red*; font-size: *15px*"><u><b>ALL ITEMS</b></u></p></center>

<br>

<div class=*"products"*>

<div class=*"box1"*>

<table width=*"960"* height=*"82"* border=*"0"*>

<tr>

<th width=*"35"* height=*"70"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Item Id</th>

<th width=*"99"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Name</th>

<th width=*"71"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Category</th>

<th width=*"71"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Brand</th>

<th width=*"43"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Availability</th>

<th width=*"43"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">no of item sold</th>

<th width=*"72"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Image Icon</th>

<th width=*"73"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Purchased Price</th>

<th width=*"60"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Selling Price</th>

<th width=*"62"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Date</th>

<th width=*"32"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">More Details</th>

<th width=*"32"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">edit</th>

<th width=*"45"* scope=*"col"* style="border:*solid 2px #dedede*; color: *#000000*">Delete</th>

</tr>

<%

Connection con=**null**;

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

Statement st= con.createStatement();

Statement st1= con.createStatement();

Statement st2= con.createStatement();

Statement st3= con.createStatement();

ResultSet rs=**null**;

ResultSet rs1=**null**;

ResultSet rs2=**null**;

ResultSet rs3=**null**;

String str3="";

rs= st.executeQuery("select \* from item order by i\_id");

**while**(rs.next())

{

%>

<tr>

<td height=*"67"* align=*"center"*><%=rs.getString(1)%></td>

<td align=*"center"*><%=rs.getString(3)%></td>

<% rs1= st1.executeQuery("select \* from category");

**while**(rs1.next())

{

**if**(rs.getString(4).equals(rs1.getString(1)))

{

str3= rs1.getString(2);

**break**;

}}%>

<td align=*"center"*><%=str3%></td>

<td align=*"center"*><%=rs.getString(5)%></td>

<td align=*"center"*><%=rs.getString(6)%></td>

<td align=*"center"*><%=rs.getString(7)%></td>

<td align=*"center"*><%=rs.getString(8)%></td>

<td align=*"center"*><%=rs.getString(9)%></td>

<td align=*"center"*><%=rs.getString(10)%></td>

<td align=*"center"*><%=rs.getString(11).substring(0, 10) %></td>

<td align=*"center"*><a href=*"item\_details.jsp?i\_id=*<%=rs.getString(1)%>*&cat=*<%=str3%>*"*>details</a></td>

<td align=*"center"*><a href=*"edit\_item1.jsp?i\_id=*<%=rs.getString(1)%>*&cat=*<%=str3%>*"*>edit</a></td>

<td align=*"center"*><a href=*"#"* onclick=*"dlt(*<%=rs.getString(1)%>*,*<%=rs.getString(4)%>*)"*><img src=*"images/close.png"* width=*"27"* height=*"27"*/></a></td>

</tr>

<%}}**catch**(Exception e){}

**finally**

{

**try**{

con.close();

}**catch**(Exception e){}

}

%>

</table>

</div>

</div>

</div>

<%@include file=*"footer.jsp"*%>

</div>

<%

**if**(session.getAttribute("cant\_del")=="cant\_del")

{

%><script language=*"javascript"*>alert("cant delete, item is in the order table");</script><%

session.removeAttribute("cant\_del");

}

%>

</body>

</html>

**5.8 Search Product code :-**

<%--

Document : index

Created on : Mar 19, 2017, 5:56:49 PM

Author :<script src="js/jquery-func.js" type="text/javascript"></script> user

--%>

<%@page contentType=*"text/html"* import=*"java.sql.\*"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<title>Shop Around</title>

<meta http-equiv=*"Content-type"* content=*"text/html; charset=utf-8"* />

<link rel=*"stylesheet"* href=*"css/style.css"* type=*"text/css"* media=*"all"* />

<link rel=*"stylesheet"* href=*"css/popup.css"* type=*"text/css"* media=*"all"* />

<script>

**function** search()

{

**var** i\_name= document.frm.item\_name.value;

**var** c\_id= document.frm.category.value;

**if**(i\_name=="")

**var** unn=0;

**else**

window.location.replace("home\_search.jsp?item\_name="+i\_name+"&c\_id="+c\_id+"");

}

</script>

</head>

<body onload="ld()">

<%

Connection con=**null**;

Statement s[]=**new** Statement[20];

ResultSet r[]=**new** ResultSet[20];

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

String item\_name=request.getParameter("item\_name");

String c\_id=request.getParameter("c\_id");

String s\_value=request.getParameter("s\_value");

**for**(**int** i=0;i<20;i++)

s[i]=con.createStatement();

**int** res\_no=0;

**if**((c\_id=="" || c\_id==**null**) && s\_value==**null**)

{

r[0]=s[0].executeQuery("select \* from item where i\_name like '%"+item\_name+"%'");

r[1]=s[1].executeQuery("select \* from item where i\_name like '%"+item\_name+"%'");

**while**(r[1].next())

res\_no++;

}

**else** **if**(s\_value==**null**)

{

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%'");

r[1]=s[1].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%'");

**while**(r[1].next())

res\_no++;

}

**else** **if**((c\_id=="" || c\_id==**null**) && s\_value.equalsIgnoreCase("htl"))

{

r[0]=s[0].executeQuery("select \* from item where i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE desc");

r[1]=s[1].executeQuery("select \* from item where i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE desc");

**while**(r[1].next())

res\_no++;

}

**else** **if**(s\_value.equalsIgnoreCase("htl"))

{

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE desc");

r[1]=s[1].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE desc");

**while**(r[1].next())

res\_no++;

}

**else** **if**((c\_id=="" || c\_id==**null**) && s\_value.equalsIgnoreCase("lth"))

{

r[0]=s[0].executeQuery("select \* from item where i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE asc");

r[1]=s[1].executeQuery("select \* from item where i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE asc");

**while**(r[1].next())

res\_no++;

}

**else** **if**(s\_value.equalsIgnoreCase("lth"))

{

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE asc");

r[1]=s[1].executeQuery("select \* from item where c\_id='"+c\_id+"' and i\_name like '%"+item\_name+"%' order by DISCOUNT\_PRICE asc");

**while**(r[1].next())

res\_no++;

}

%>

<script>

**function** sort()

{

**var** s\_value= document.frm.srch.value;

**if**(s\_value=="no")

**var** unn=0;

**else**

window.location.replace("home\_search.jsp?item\_name=<%=item\_name%>&c\_id=<%=c\_id%>&s\_value="+s\_value+"");

}

**function** ld()

{

document.frm.item\_name.value="<%=item\_name%>";

document.frm.category.value="<%=c\_id%>";

document.frm.srch.value="<%=s\_value%>";

}

</script>

<!-- Shell -->

<div class=*"shell"*>

<!-- Header -->

<%@include file=*"header.jsp"*%>

<!-- End Header -->

<!-- Main -->

<div id=*"main"*>

<!-- Content -->

<div id=*"content"*>

<!-- Products -->

<div class=*"products"*>

<table border=*"0"* style=" width: *724px*; border:*solid 1px #dedede*;">

<tr>

<th style=" height: *45px*"><p style="font-size: *15px*"><%=res\_no%> results found</p></th>

</tr>

</table>

<form name=*"frm"*>

<table border=*"0"*>

<tr>

<td style="width: *560px*"></td>

<td style=" height: *45px*">

<div style=" width: *150px*; height: *27px*; border: *solid 1px #999999*;">

<select name=*"srch"* STYLE="width: *140px*; padding-top: *3px*; padding-left: *10px*; border: *0*" onchange=*"sort()"*>

<option value=*"no"*>Sort By</option>

<option value=*"htl"*>Price--High to Low</option>

<option value=*"lth"*>Price--Low to High</option>

</select>

</div>

</td>

</tr>

</table>

<br><br>

<%

**try**{

**while**(r[0].next())

{

%>

<ul>

<li> <a href=*"item\_click.jsp?i\_id=*<%=r[0].getString(1)%>*"*><img src=*"image.jsp?i\_id=*<%=r[0].getString(1)%>*"*/></a>

<div class=*"product-info"*>

<div class=*"product-desc"*>

<a href=*"item\_click.jsp?i\_id=*<%=r[0].getString(1)%>*"*><h3><%=r[0].getString(3)%></h3></a>

<% **if**(r[0].getInt(14)==0) { %>

<h3> </h3>

<h3>Rs. <%=r[0].getString(10)%></h3>

<% }**else** {

**int** new\_price=r[0].getInt(10)-(r[0].getInt(10)\*r[0].getInt(14)/100);

%>

<div style="text-decoration: *blink*; color: *red*; padding-left: *10px*">discount <%=r[0].getInt(14)%> %</div>

<h3>Rs. <strike><%=r[0].getString(10)%></strike> <%=new\_price%></h3>

<% }%>

</div>

</li>

</ul>

<%

}}**catch**(Exception e){}%>

</div>

<!-- End Products -->

</div>

<!-- End Content -->

<!-- Sidebar -->

<div id=*"sidebar"*>

<!-- Search -->

<div class=*"box search"*>

<h2>Search by</h2>

<div class=*"box-content"*>

<br>

<label>Item</label>

<input type=*"text"* class=*"field"* name=*"item\_name"*/>

<br>

<label>Category</label>

<select class=*"field"* name=*"category"*>

<option value=*""*>-- Select Category --</option>

<%

r[2]=s[2].executeQuery("select \* from category");

**while**(r[2].next())

{

%>

<option value=*"*<%=r[2].getString(1)%>*"*><%=r[2].getString(2)%></option>

<%

}

%>

</select>

<input type=*"button"* class=*"search-submit"* value=*"Search"* onclick="search()"/>

</form>

</div>

</div>

<!-- End Search -->

<!-- Categories -->

<div class=*"box categories"*>

<h2>Categories</h2>

<div class=*"box-content"*>

<ul>

<%

r[3]=s[3].executeQuery("select \* from category");

**while**(r[3].next())

{

%>

<br><li><a href=*"home\_category.jsp?c\_id=*<%=r[3].getString(1)%>*&category=*<%=r[3].getString(2)%>*"*><b><%=r[3].getString(2)%></b></a></li>

<%

}

%>

</ul>

<%

}**catch**(Exception se){}

**finally**

{

**try**

{

con.close();

}**catch**(Exception e){}

}

%>

</div>

</div>

<!-- End Categories -->

</div>

<!-- End Sidebar -->

<div class=*"cl"*>&nbsp;</div>

</div>

<!-- End Main -->

<!-- Footer -->

<%@include file=*"footer.jsp"*%>

<!-- End Footer -->

</div>

<!-- End Shell -->

</body>

</html>

**5.9 Add Product code :-**

<%--

Document : index

Created on : Mar 19, 2017, 5:56:49 PM

Author :<script src="js/jquery-func.js" type="text/javascript"></script> user

--%>

<%@page contentType=*"text/html"* import=*"java.sql.\*"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<title>Shop Around</title>

<meta http-equiv=*"Content-type"* content=*"text/html; charset=utf-8"* />

<link rel=*"stylesheet"* href=*"css/style.css"* type=*"text/css"* media=*"all"* />

<link rel=*"stylesheet"* href=*"css/popup.css"* type=*"text/css"* media=*"all"* />

<script>

**function** search()

{

**var** i\_name= document.frm.item\_name.value.trim();

**var** c\_id= document.frm.category.value;

**if**(i\_name=="")

**var** unn=0;

**else**

window.location.replace("home\_search.jsp?item\_name="+i\_name+"&c\_id="+c\_id+"");

}

**function** isInteger(s)

{

**var** i;

s = s.toString();

**for** (i = 0; i < s.length; i++)

{

**var** c = s.charAt(i);

**if** (isNaN(c))

{

alert("Given value is not a number");

**return** **false**;

}

}

**return** **true**;

}

</script>

</head>

<body onload="ld()">

<%

Connection con=**null**;

Statement s[]=**new** Statement[20];

ResultSet r[]=**new** ResultSet[20];

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

**int** c\_id=Integer.parseInt(request.getParameter("c\_id"));

String category=request.getParameter("category");

String category1=category.toLowerCase();

String brand=request.getParameter("brand");

String brand1=brand.toUpperCase();

String s\_value=request.getParameter("s\_value");

**for**(**int** i=0;i<20;i++)

s[i]=con.createStatement();

**if**(s\_value==**null**)

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and brand\_name='"+brand+"'");

**else** **if**(s\_value.equalsIgnoreCase("htl"))

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and brand\_name='"+brand+"' order by DISCOUNT\_PRICE desc");

**else** **if**(s\_value.equalsIgnoreCase("lth"))

r[0]=s[0].executeQuery("select \* from item where c\_id='"+c\_id+"' and brand\_name='"+brand+"' order by DISCOUNT\_PRICE asc");

%>

<script>

**function** sort()

{

**var** s\_value= document.frm.srch.value;

**if**(s\_value=="no")

**var** unn=0;

**else**

window.location.replace("home\_brand.jsp?c\_id=<%=c\_id%>&category=<%=category%>&brand=<%=brand%>&s\_value="+s\_value+"");

}

**function** refine()

{

**var** priceI= document.frm.start\_price.value.trim();

**var** priceII= document.frm.end\_price.value.trim();

**var** i;

**var** s1 = priceI.toString();

**var** s2 = priceII.toString();

**var** ch1=0;

**var** ch2=0;

**for** (i = 0; i < s1.length; i++)

{

**var** c = s1.charAt(i);

**if** (isNaN(c))

{

ch1=1;

**break**;

}

}

**for** (i = 0; i < s2.length; i++)

{

**var** c = s2.charAt(i);

**if** (isNaN(c))

{

ch2=1;

**break**;

}

}

**if**(priceI=="" || priceII=="")

**var** unn=0;

**else** **if**(ch1==1)

alert("Enter a valid number in price I");

**else** **if**(ch2==1)

alert("Enter a valid number in price II");

**else**

window.location.replace("home\_brand\_sort.jsp?c\_id=<%=c\_id%>&category=<%=category%>&brand=<%=brand%>&priceI="+priceI+"&priceII="+priceII+"");

}

**function** ld()

{

document.frm.srch.value="<%=s\_value%>";

}

</script>

<!-- Shell -->

<div class=*"shell"*>

<!-- Header -->

<%@include file=*"header.jsp"*%>

<!-- End Header -->

<!-- Main -->

<div id=*"main"*>

<div id=*"content"*>

<div class=*"products"*>

<table border=*"0"* style=" width: *724px*; border:*solid 1px #dedede*;">

<tr>

<th style=" height: *45px*"><p style="font-size: *16px*"><%=brand1%> <%=category%></p></th>

</tr>

</table>

<form name=*"frm"*>

<table border=*"0"*>

<tr>

<td style="width: *560px*"></td>

<td style=" height: *45px*">

<div style=" width: *150px*; height: *27px*; border: *solid 1px #999999*;">

<select name=*"srch"* STYLE="width: *140px*; padding-top: *3px*; padding-left: *10px*; border: *0*" onchange=*"sort()"*>

<option value=*"no"*>Sort By</option>

<option value=*"htl"*>Price--High to Low</option>

<option value=*"lth"*>Price--Low to High</option>

</select>

</div>

</td>

</tr>

</table>

<br><br>

<%

**try**{

**while**(r[0].next())

{

%>

<ul>

<li> <a href=*"item\_click.jsp?i\_id=*<%=r[0].getString(1)%>*"*><img src=*"image.jsp?i\_id=*<%=r[0].getString(1)%>*"*/></a>

<div class=*"product-info"*>

<div class=*"product-desc"*>

<a href=*"item\_click.jsp?i\_id=*<%=r[0].getString(1)%>*"*><h3><%=r[0].getString(3)%></h3></a>

<% **if**(r[0].getInt(14)==0) { %>

<h3> </h3>

<h3>Rs. <%=r[0].getString(10)%></h3>

<% }**else** {

**int** new\_price=r[0].getInt(10)-(r[0].getInt(10)\*r[0].getInt(14)/100);

%>

<div style="text-decoration: *blink*; color: *red*; padding-left: *10px*">discount <%=r[0].getInt(14)%> %</div>

<h3>Rs. <strike><%=r[0].getString(10)%></strike> <%=new\_price%></h3>

<% }%>

</div>

</li>

</ul>

<%

}}**catch**(Exception e){}%>

<div class=*"cl"*>&nbsp;</div>

</div>

</div>

<!-- Sidebar -->

<div id=*"sidebar"*>

<div class=*"box search"*>

<h2>Search by</h2>

<div class=*"box-content"*>

<br>

<label>Item</label>

<input type=*"text"* class=*"field"* name=*"item\_name"*/>

<br>

<label>Category</label>

<select class=*"field"* name=*"category"*>

<option value=*""*>-- Select Category --</option>

<%

r[2]=s[2].executeQuery("select \* from category");

**while**(r[2].next())

{

%>

<option value=*"*<%=r[2].getString(1)%>*"*><%=r[2].getString(2)%></option>

<%

}

%>

</select>

<input type=*"button"* class=*"search-submit"* value=*"Search"* onclick="search()"/>

</div>

</div>

<!-- Categories -->

<div class=*"box search"*>

<h2>Refine <%=brand%> <%=category1%></h2>

<div class=*"box-content"*>

<br>

<label>Price I</label>

<input type=*"text"* class=*"field"* name=*"start\_price"* onKeyup="isInteger(this.value)"/>

<br>

<label>Price II</label>

<input type=*"text"* class=*"field"* name=*"end\_price"* onKeyup="isInteger(this.value)"/>

<input type=*"button"* class=*"search-submit"* value=*"Search"* onclick="refine()"/>

</form>

</div>

</div>

<!-- End Categories -->

<%

}**catch**(Exception se){}

**finally**

{

**try**

{

con.close();

}**catch**(Exception e){}

}

%>

</div>

<!-- End Sidebar -->

<div class=*"cl"*>&nbsp;</div>

</div>

<!-- End Main -->

<!-- Side Full -->

<div class=*"side-full"*>

</div>

<!-- End Side Full -->

<!-- Footer -->

<%@include file=*"footer.jsp"*%>

<!-- End Footer -->

</div>

<!-- End Shell -->

</body>

</html>

**5.10 Delete Item code :-**

Document : delete\_cart\_item

Created on : feb 17, 2017, 12:09:39 PM

Author : user

--%>

<%@page session=*"true"* %>

<%@page contentType=*"text/html"* import=*"java.sql.\*"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-html40/strict.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>JSP Page</title>

</head>

<body>

<%

String p\_id=request.getParameter("p\_id");

String ci\_id1=request.getParameter("ci\_id");

**int** ci\_id=Integer.parseInt(ci\_id1);

Connection con=**null**;

**try**{

Class.forName("oracle.jdbc.driver.OracleDriver");

con=DriverManager.getConnection

("jdbc:oracle:thin:@127.0.0.1:1521:xe","eshopping","nolin");

PreparedStatement ps= con.prepareStatement("delete from cart\_item1 where ci\_id='"+ci\_id+"'");

ps.executeUpdate();

**if**(p\_id.equals("1"))

response.sendRedirect("buy.jsp");

**else** **if**(p\_id.equals("2"))

response.sendRedirect("place\_order3.jsp");

}**catch**(Exception e){out.print("outer try error");}**finally**{**try**{con.close();}**catch**(Exception e){}}

%>

</body>

</html>

**5.11 LogOut User code :-**

<%--

Document : logout

Created on : oct, 2017, 2:25:34 AM

Author : user

--%>

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-html40/strict.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>JSP Page</title>

</head>

<body>

<%

session.removeAttribute("i\_id");

session.removeAttribute("cus\_id");

response.sendRedirect("../home\_page/home.jsp");

%>

</body>

</html>

**CHAPTER 6**

**RESULT**

**6.1 Interface Design**

6.1.1 HomePage:-

Customer search item , login , customer buy a product by cash or debit card.

after login Sign\_up with verified id, password then buy product.

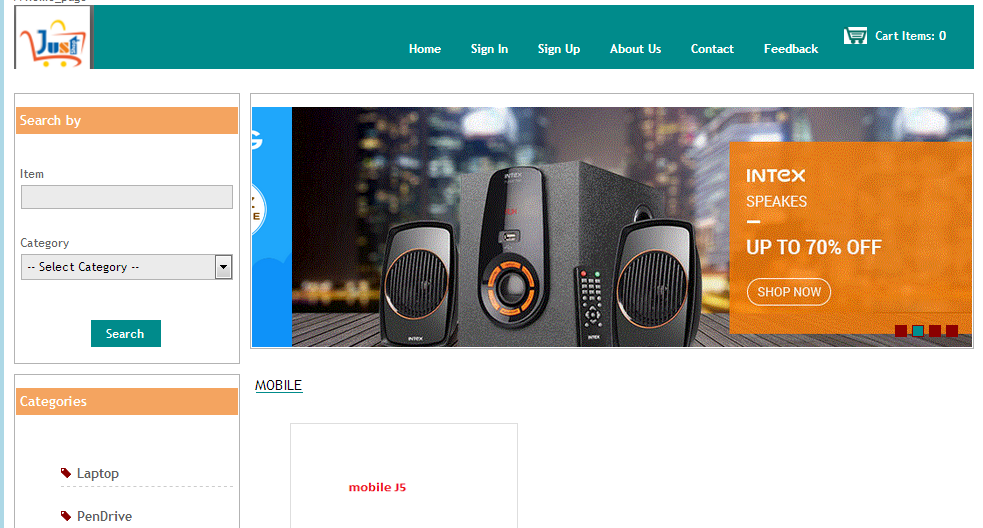


figure-6.1 (HomePage )

6.1.2 Select to buy a product

Select an item by customer then buy.

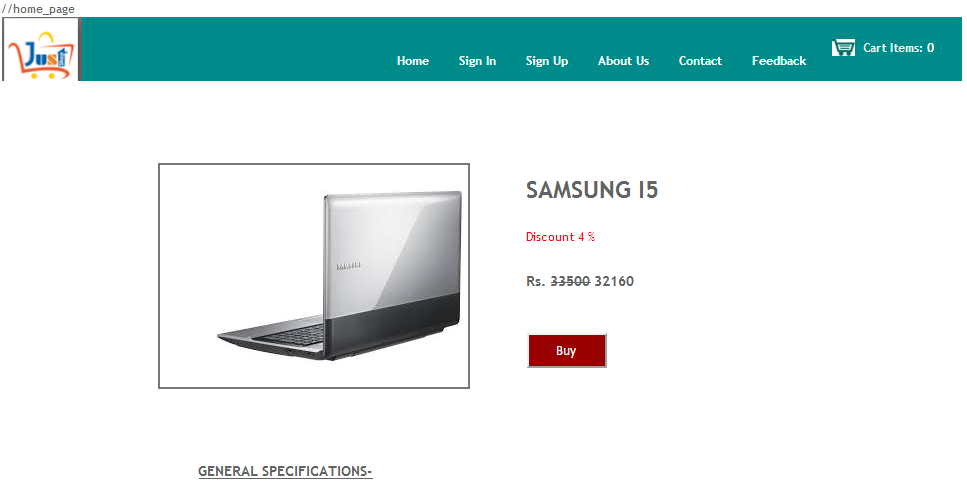


figure-6.2( Select to buy a product )

6.1.3 Login a Customer :-

New customer Login to create a new User\_id, password

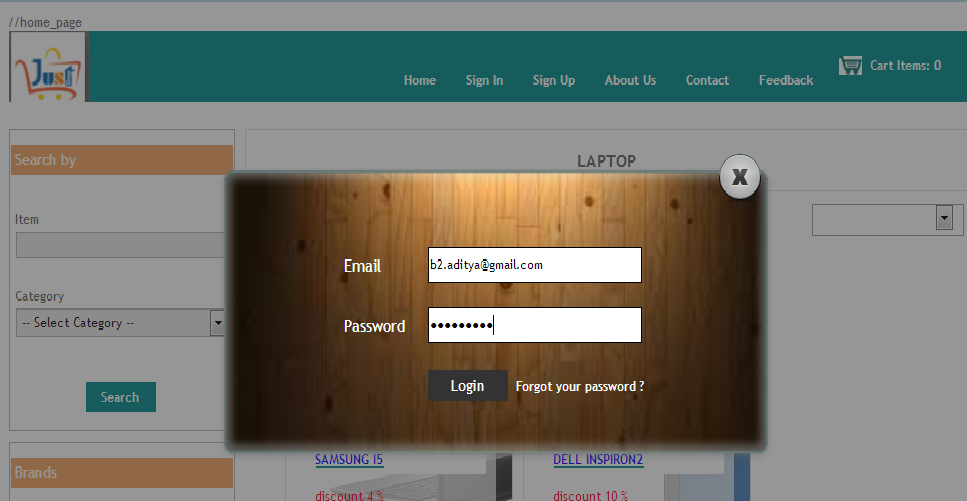
****

figure-6.3( Login a Customer )

6.1.4 Customer Detail :-

Detail personal information about a customer to deliver a product to current. Here a customer change own password facility is provided .

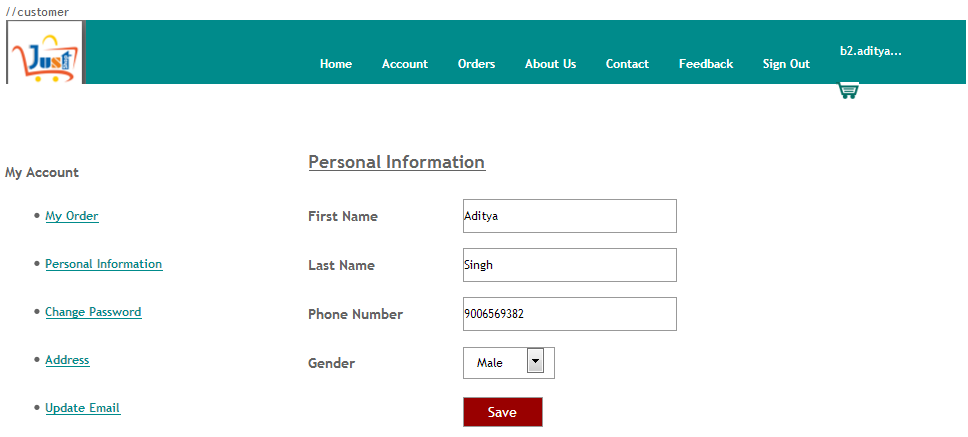
****

figure-6.4(Customer Detail )

6.1.5 Admin cheack detail in stock :

Admin check stock which item is pending or whose item is delivered.

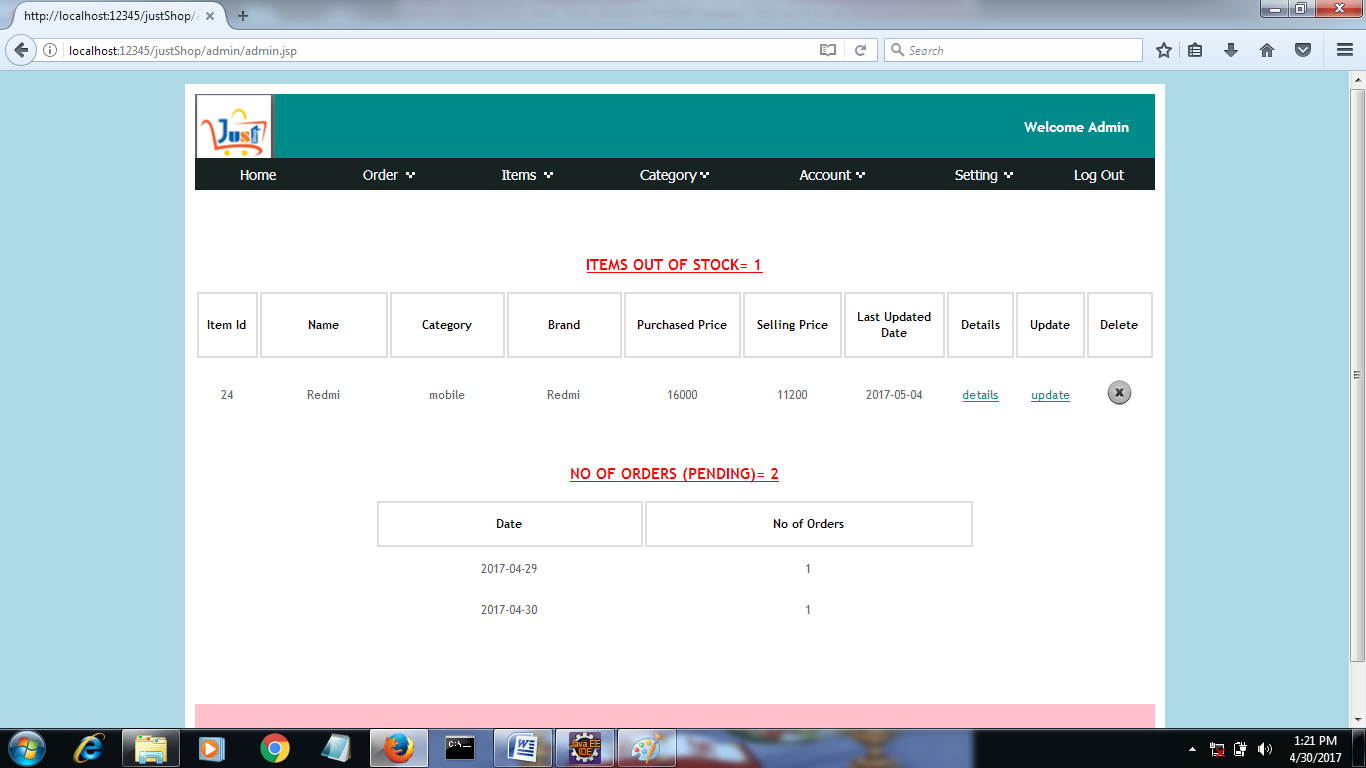


figure 6.5( Admin cheack detail in stock )

6.1.6 Admin change a password

Admin change new password with verified old password.

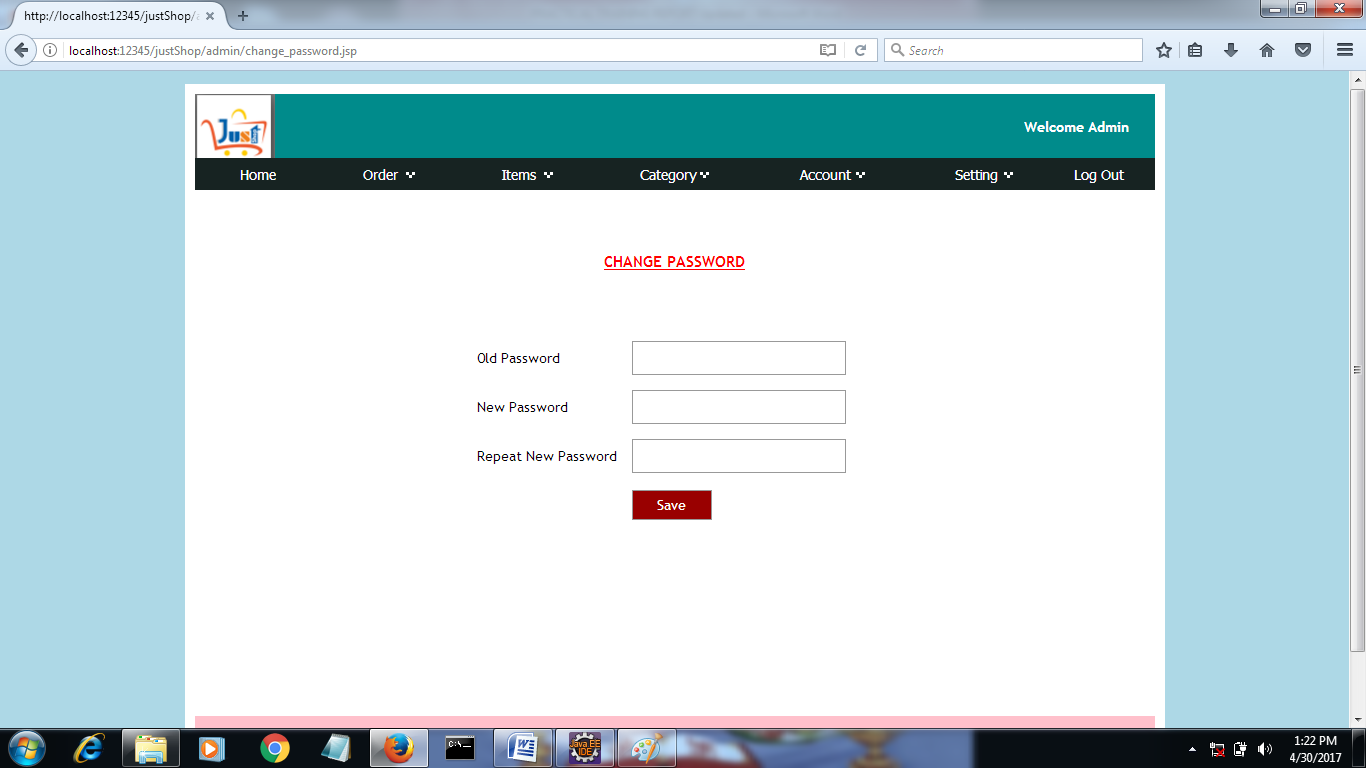


figure-6.6(Admin change a password )

6.1.7 Check Buy item by Customer :-

Customer Check to ordered item till.

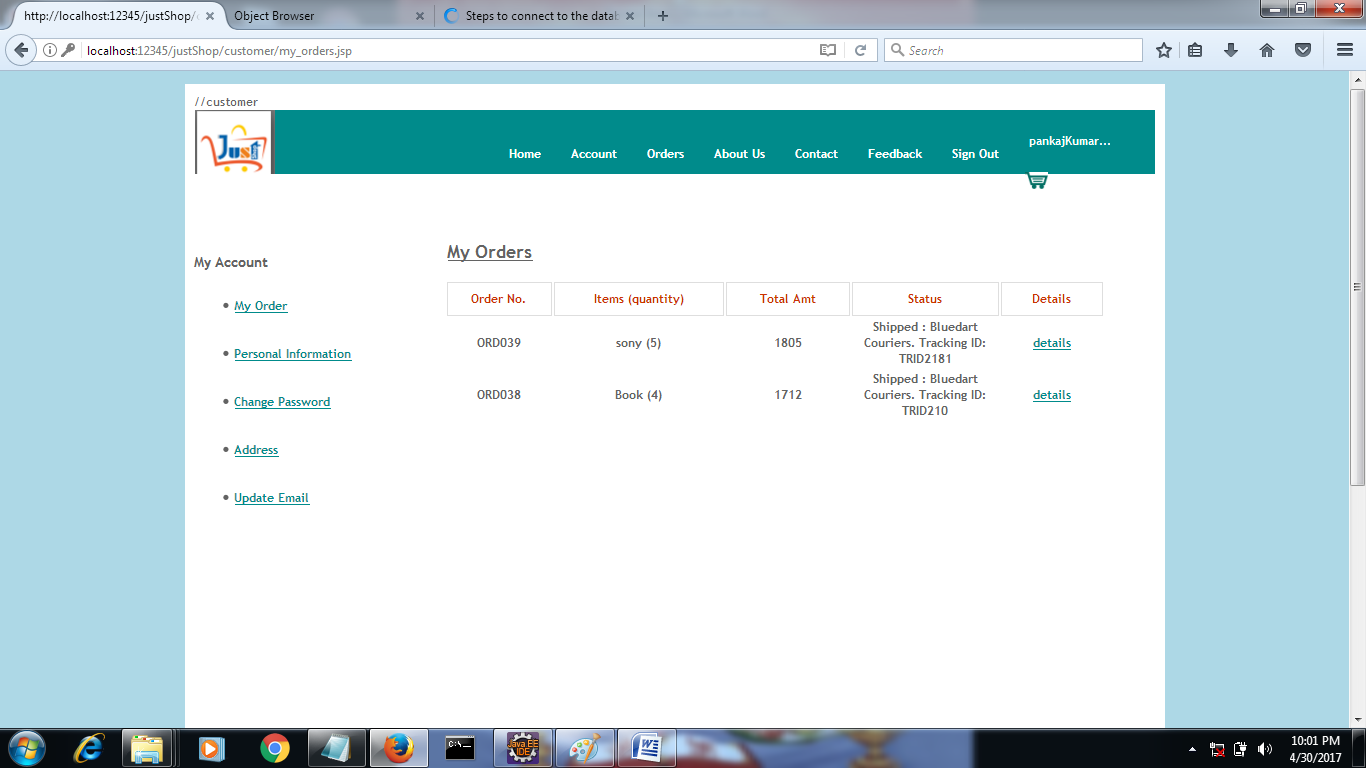


Figure-6.7( Check Buy item by Custome )

6.1.8 Feedback by Customer :-

Customer send a mail to admin for feeback.

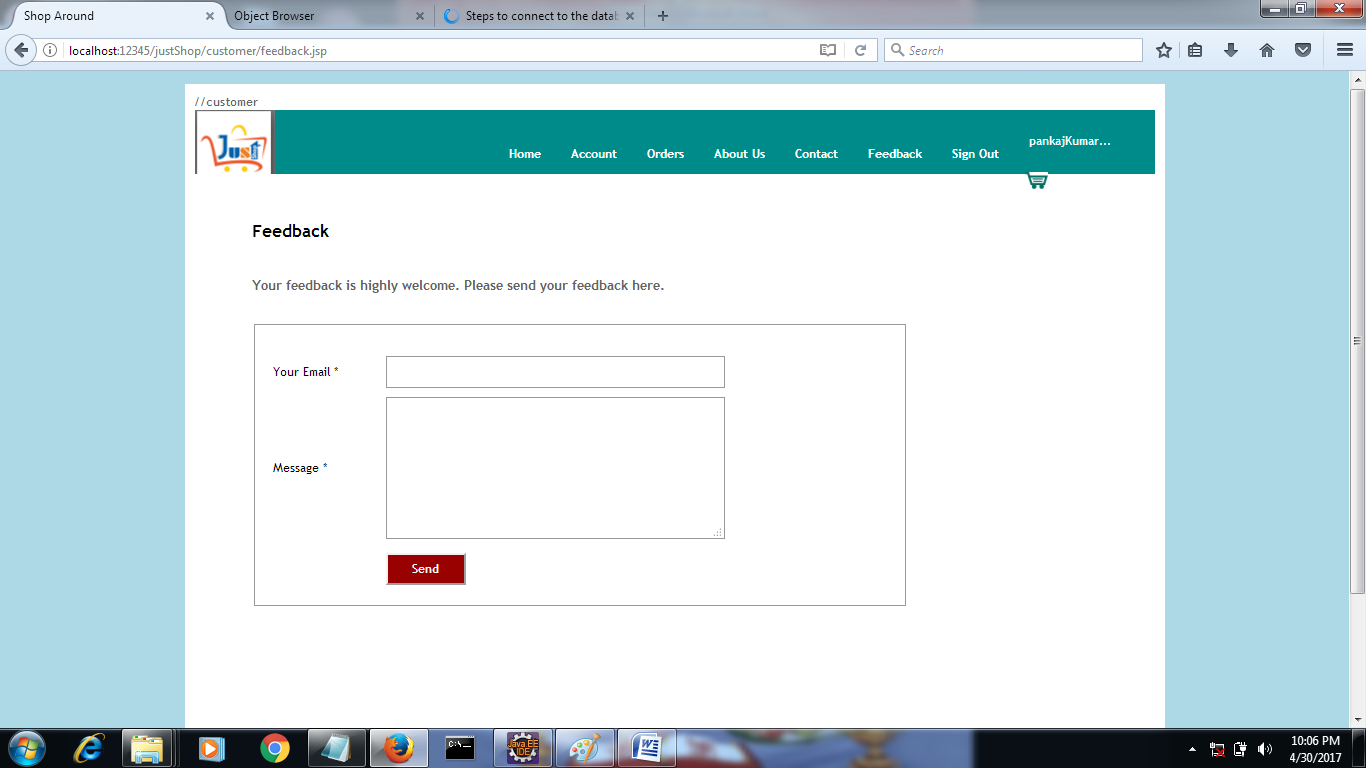


Figure-6.8(Feedback by Customer )

**CHAPTER 7**

**SYSTEM DEVELOPMENT**

**7.1 Programme Development**

7.1.1 Introduction about Java

Java is a high-level, third-generation programming language like C, FORTRAN, Perl and many others. It is a platform for distributed computing – a development and run-time environment that contains built-in support for the World Wide Web.

7.1.2History of Java

Java development began at Sun Microsystems in 1991, the same year the World Wide Web was conceived. Java’s creator, James Gosling did not design java for the Internet. His Objective was to create a common development environment for consumer electronic devices which was easily portable from one device to another. This effort evolved into a language, code named Oak and later renamed Java that retains much of the syntax and power of c++, but is simpler and more platform-independent.

7.1.3 Java Features

Some of the important features of Java are as follows:

• Simplicity

• Orientation

• Platform Independence

• Security

• High Performance

• Multi Threading

• Dynamic linking.

• Garbage Collection.

7.1.4 Connectivity using JDBC :-

There are four kinds of drivers available in Jdbc: -

• Jdbc-Odbc Bridge Driver

• Partly Java Driver

• Native Driver

• Pure Java Driver

7.1.5 Connectivity Step :-

There are 5 steps to connect any java application with the database in java using JDBC. They are as follows:

* Register the driver class
* Creating connection
* Creating statement
* Executing queries
* Closing connection

7.1.6. About J2EE

7.1.6.1 Introduction to J2EE:

The multi-tier architecture such as COBRA has got its own advantages in terms of scalability, performance and reliability.

In a multi-tier architecture, a client does not interact directly with the server. Instead, it first contacts another layer called Middleware. The middleware instantiates the server applications and messages the server object. It returns results to the clients. The presence of a middleware layer allows programmers to concentrate on business logic of application. The middleware handles low-lever services, such as thread handling, security, and transactions management.

J2EE is used for developing, deploying and executing applications in a distributed environment. The J2EE applications server acts as a platform for implementing various server side technologies Servlets, Java Server Pages (JSP) and Enterprise Java Bean (EJB). J2EE allows you to focus on your business logic program. The business logic is coded in java program, which are reusable component that can be accessed client program EJB runs on J2EE server.

In J2EE security is handled almost entirely by platform and its admin. The developer does not have to worry about writing the security logic.

The J2EE SDK architecture consists of the following components:

• The J2EE server

• The EJB Container

• The Web Container

J2EE applications are complex access data from a variety of source and cater to a variety of client. To manage these applications the business function conducted in the middle tier. The J2EE platform acts as a middle tier and provides the necessary environment needed by the application. The J2EE platform provides” write once, run anywhere”, portability and scalability for multi-tier application. It also minimizes complexity for building multi-tier application.To create a J2EE application we need to create following three components.

(1) J2EE application client

(2) Enterprise Bean

(3) Web component

Process of creating a J2EE application:

Assembled

Deployed

The J2EE includes many technologies such as:

• Enterprise Java Beans (EJB)

• Remote Method Invocation (RMI)

• Java Naming and Directory Interface (JNDI)

• Java Database Connectivity (JDBC)

• Java Transaction API (JTA)

• Java Transaction Services (JTS)

• Java Messaging Services (JMS)

• Java Servlet & Java Server Pages (JSP)

• Extensible Markup Language (XML)

7.1.6.2 J2EE SDK TOOLS :-

J2EE SDK includes following tools:

1. The Deployment Tool.

2. The J2EE Server.

3. The Cloud Scale Server.

4. The Clean-up Script.

5. The Packager Tool.

6. The Realm Tool.

7. The Run Client Script.

8. The Verifier Tool.

Some of the merits of using Oracle (RDBMS) are as under:

• Centralization of database.

• Client Server Technology.

• Security.

• Normalization of Data Base.

• Relationship.

• Transaction Processor.

Hence because of these features we are using Oracle as a back-end technology.

Weather you are working on LAN projects or Distributed projects, there are two sides of it:-

• Front End

• Back End

7.1.7 System Developed

There are two categories of users (stakeholder) who can use application

1. **User Module:** Required functionality for employer module.
2. Login
3. Create the account
4. Compose the mail
5. Encrypt the data
6. Decrypt the data
7. **Administrator** **Module:** Required Functionality for Administrator Module.
8. Login
9. Manage the mail
10. Secure the unauthorization

Administrator can change the status of user

**7.2 Testing :-**

7.2.1 Testing Itroduction

Testing is the process of detecting errors. Testing performs a very critical role for quality assurance and for ensuring the reliability of the software. The results of testing are used later on during maintenance.

Testing is vital to the success of the system. System testing makes a logical assumption that if the parts of the system are correct, the goal will be successfully achieved. In adequate testing or non-testing leads to errors that may not appear until months or even years later (Remember the New York three day power failure due to a misplaced ‘Break’ statement).

This creates two problems:

1. The time lag between the cause and the appearance of the problem.

2. The time interval effect of the system errors on files and the records on the system.

A small error can conceivably explode into a much larger problem. Effective testing early in the process translates directly into long term cost savings from a reduced number of errors. Another reason for system testing is it’s utility as a user oriented vehicle before implementation. The best program is worthless if it does not meet the user requirements. Unfortunately, the user’s demands are often compromised by efforts to facilitate program or design efficiency in terms of processing time or design efficiency.

Thus in this phase we went to test the code we wrote. We needed to know if the code compiled with the design or not? Whether the code gave the desired outputs on given inputs? Whether it was ready to be installed on the user’s computer or some more modifications were needed.

7.2.2 Testing Objectives:

The main objective of testing is to uncover a host of errors, systematically and with minimum effort and time. Stating formally, we can say,

• Testing is a process of executing a program with the intent of finding an error.

• A successful test is one that uncovers an as yet undiscovered error.

• A good test case is one that has a high probability of finding error, if it exists.

• The tests are inadequate to detect possibly present errors.

• The software more or less confirms to the quality and reliable standards

Module testing is the testing of complete code objects as produced by the compiler when built from source. Each test case is independent from the others. Substitutes such as method stubs, mock objects, fakes, and test harnesses can be used to assist testing a module in isolation. Unit tests are typically written and run by software developers to ensure that code meets its design and behaves as intended. Benefits of Module Testing are.

1. **Find Error Early**: - Unit tests find problems early in the development cycle.
2. **Facilitates change**: - Unit testing allows the programmer to refractor code at a later date, and make sure the module still works correctly (e.g., in regression testing). The procedure is to write test cases for all functions and methods so that whenever a change causes a fault, it can be quickly identified.
3. **Simplifies integration**: - Unit testing may reduce uncertainty in the units themselves and can be used in a bottom-up testing style approach. By testing the parts of a program first and then testing the sum of its parts, integration testing becomes much easier.
4. **Documentation**: - Unit testing provides a sort of living documentation of the system. Developers looking to learn what functionality is provided by a unit and how to use it can look at the unit tests to gain a basic understanding of the unit's interface (API).

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**CHAPTER 8**

**SUMMARY AND CONCLUSION**

The project entitled Just Shop system was completed successfully. The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application and an android application for purchasing items from a shop.

This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html & css, usage of responsive templates, designing of android applications, and management of database using java . The entire system is secured. Also the project helped us understanding about the development phases of a project and software development life cycle. We learned how to test different features of a project.

This project has given us great satisfaction in having designed an application which can be implemented to any nearby shops or branded shops selling various kinds of products by simple modifications. There is a scope for further development in our project to a great extend. A number of features can be added to this system in future like providing moderator more control over products so that each moderator can maintain their own products. Another feature we wished to implement was providing classes for customers so that different offers can be given to each class. System may keep track of history of purchases of each customer and provide suggestions based on their history. These features could have implemented unless the time did not limited us.

**CHAPTER 9**

**REFERENCES**

[1] JavaScript Enlightenment,Cody Lindley-First Edition, based on JavaScript 1.5, ECMA- 262, Edition

[2] Mc GrawHill’s , Java : The complete reference 7thEdition, Herbert Schildit

[3] Complete CSS Guide ,Maxine Sherrin and John Allsopp-O'Reilly Media; September

2012

[4] http://www.w3schools.com/html/defualt.asp,

[5] McGraw, G. and Felten, E. (1996) Java Security: Hostile Applets, Holes, and Antidotes. John Wiley & Sons, New York. (The first edition of this book.)

[6] McGraw, G. (1998) Testing for security during development: why we should scrap penetrate and patch. IEEE Aerospace and Electronic Systems, 13(4):13-15, April 1998.

[7] Neumann, P. (1995) Computer Related Risks. Addison-Wesley, Reading, MA.

[8] Oaks, S. (1998) Java Security. O'Reilly & Associates, Sebastopol, CA.

[9] Rubin, A, Geer, D. and Ranum, M. (1997) The Web Security Sourcebook. John Wiley & Sons, New York

[10] Schneier, B. (1995) Applied Cryptography: Protocols, Alogorithms, and Source Code in C. John Wiley & Sons, New York. Second edition.

[11] Shimomura, T. and Markoff, J. (1996) Takedown: The Pursuit and Capture of Kevin Mitnick, America's Most Wanted Computer Outlaw-By the Man Who Did It. Hyperion, New York.

[12] Spafford, E. (1989) The Internet worm program: An analysis. Computer Communications Review, 19(1):17-57.

[13] Stata, R. and Abadi, M. (1998) A type system for Java bytecode subroutines. In Proceedings of the 25th ACM Symposium on Principles of Programming Languages, pages 149-160, January 1998.