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PROJECT ON  
Online Shoes Store Using JSP

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# Online Shoes Store

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Roll no: 25

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## **ACKNOWLEDGEMENT**

I have great pleasure in presenting this project entitled “**Online Shoes Store**” and I grab this opportunity to convey my immerse regards towards all people who with their in valuable contributions made this project successful.

It gives me great pleasure in presenting this project report. Its justification will never sound good if I do not express my vote of thanks to our C.H.M. College and Respective Principal. I would also like to thank our coordinator **Mrs. Ritika Sachdev** for her timely support in this completion of this project.

I thank our internal project guide **Mrs. Jhalak Makhija** who has done a lot to keep this project systematically and on schedule. I am thankful for their valuable guidance to every stage of the project. Finally, I would thank to all others, who give their extended support to complete this project.

## **Introduction**

## 1. Objective and Scope of the Project:

The main objective of Online Shoes Store is to provide a systemized software to help manage the Customer service and entire database.

Here the owner manages and maintain multiple task and interfaces. Online Shoes Store is complete end to end solution to cover all aspects of managing the entire system.

The software has been designed to provide a complete system to control and collect the database for customers, their packages, and buying record.

## 2. Theoretical Background:

Manual maintenance of records induces human error.

No proper verification, customer information is maintained.

No proper classification of data.

As there is no authentication of any sort, important data may fall in wrong hands. Any person can access confidential data.

Since the data is redundantly stored the integrity of the system is questionable.

## **Abstract**

The Project on “Online Shoes Store” it is site to purchase, product and many more. It would fulfil all requirements of latest products. It contains all the functionality, which is as follows: User Registration, Login, and Searching. Internet is now a day’s became useful for everyone who use the internet, in addition to this; these projects will give more useful to all this user.

### **Limitation of Current System**

- At present different design are introduce in market and all of them are not present in the Store.
- People somehow manage by keeping the track of the goods coming in and going out by maintaining an excel spreadsheet.
- Data inconsistent across all the warehouses.
- Time-consuming.

### **System Study and Analysis**

### ❖ **Problem Definition:**

Understanding the problem in the existing system & finding requested solution is the most important activity while planning the project. Hence the developing a new system we must get through problem associated with the current system.

- In the old system, the customers frequently visited the Shop for enquiry.
- Customer were not getting the satisfied information about the Shoe.
- Record of Shoes Stock was done manually, hence tracking the database was difficult.

### ❖ **Feasibility:**

Feasibility study is an analysis of how successfully a project can be completed .It is the step in requirement investigation whether our system feasible for organization.

➤ **Economical Feasibility :**

Economic feasibility determines whether the time and money are available to develop the system. The purpose system could be economically beneficial for the organization due less manual power and use of stationary & less people could be employee because the entries & bill generation could be done by one person.

➤ **Technical Feasibility :**

Technical feasibility is the process of validating the technology assumptions, architecture and design of a project. The technical requirements will naturally be designed with aim of defining a feasible project Technical feasibility can also highlight specific risks of the project.

➤ **Operational Feasibility:**

Operational feasibility is the measure of how well a proposed system solves the problems, as all workers in the organization are familiar with computer, so it is easy to handle. Our organization system to saves time it also provides job security. So there will be no loss of job or changes in job will be suitable for users.

❖ **System Analysis:**



I studied the working of the working of some Shoes Store thoroughly. I went through all the services that were present in the organization to see to it how exactly deals with everything. They maintain various records manually hence becomes a tough job.

Sometimes manual error may also creep in. Also to search for a particular tour the entire records needs to be looked into.

The current system also causes misplaced of data which increases searching. Customers are not satisfied by the service they provide while registration and their booking pattern.

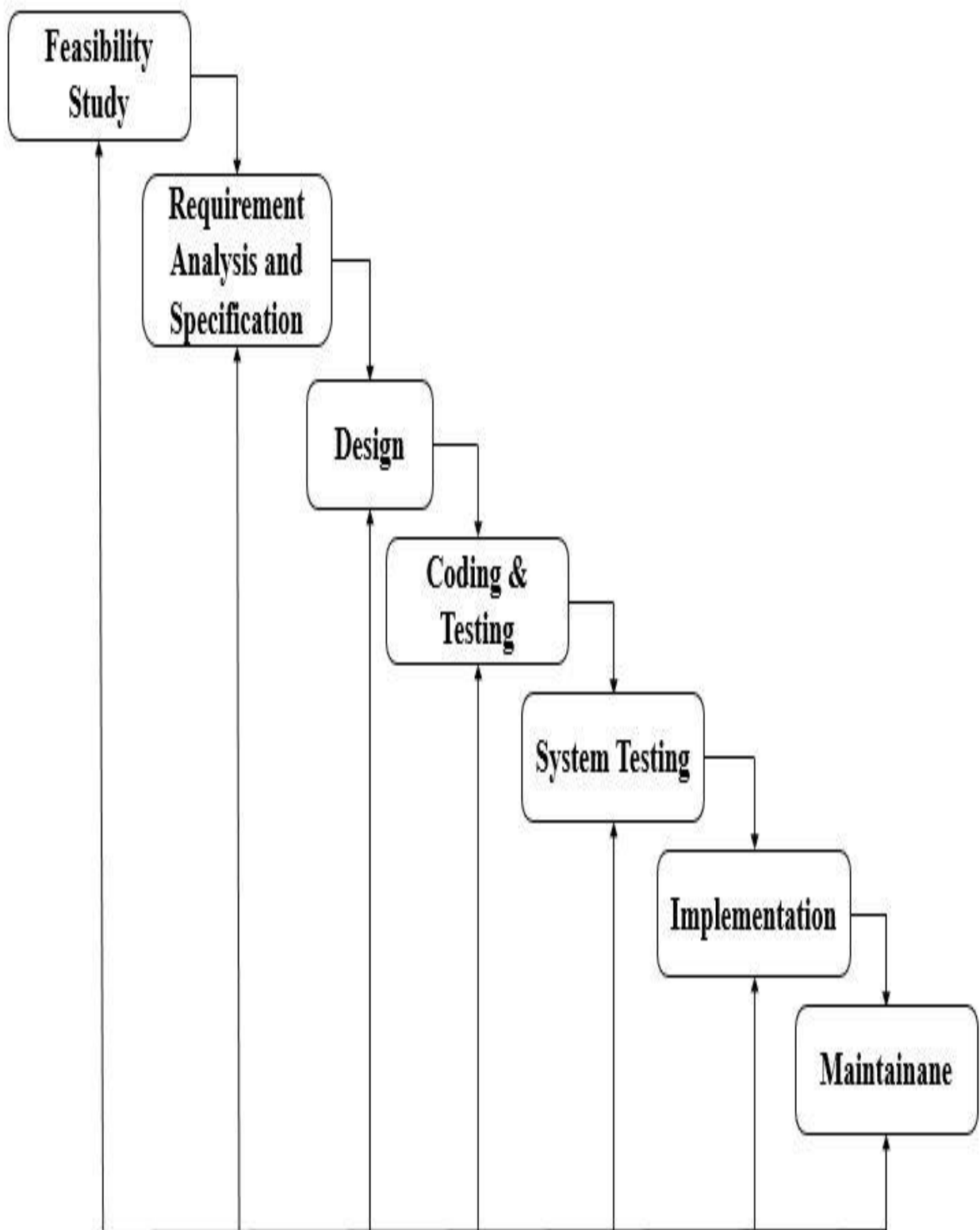
### ❖ **Current System:**

- The current system is working manually. It is time consuming and involves a lot of paper work. To manually handle such a system is a very difficult task.
- The records are to be manually maintained it consumes a lot of time.
- Lots of paper work is involved as the records are maintained in files and registers.
- The storage capacity is increased.
- Storing valuable data information in the form of papers is not at all reliable.
- Since the system is manual there are many chances of errors in calculations.
- Data cannot be searched quickly.

### ❖ **Proposed System:**

- The user automates the proposed system with the only human intervention being the input of data.
- Unique id are given for each and every customer. The salient features of the ID are that it will identify the entity.
- The system generates reports as when required by the user so that the user is aware of what exactly is happening in the system.
- Customer search their Shoes themselves , and proceed for buying

## **ITERATIVE MODEL**

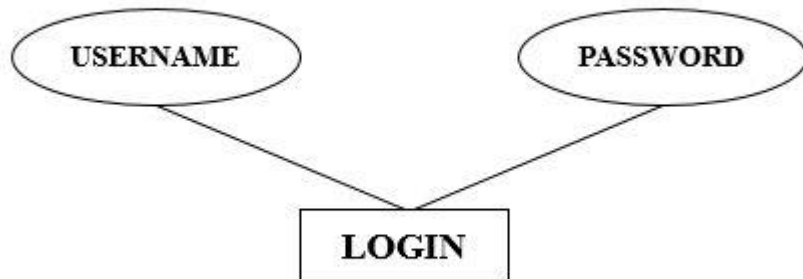


## **Iterative Model**

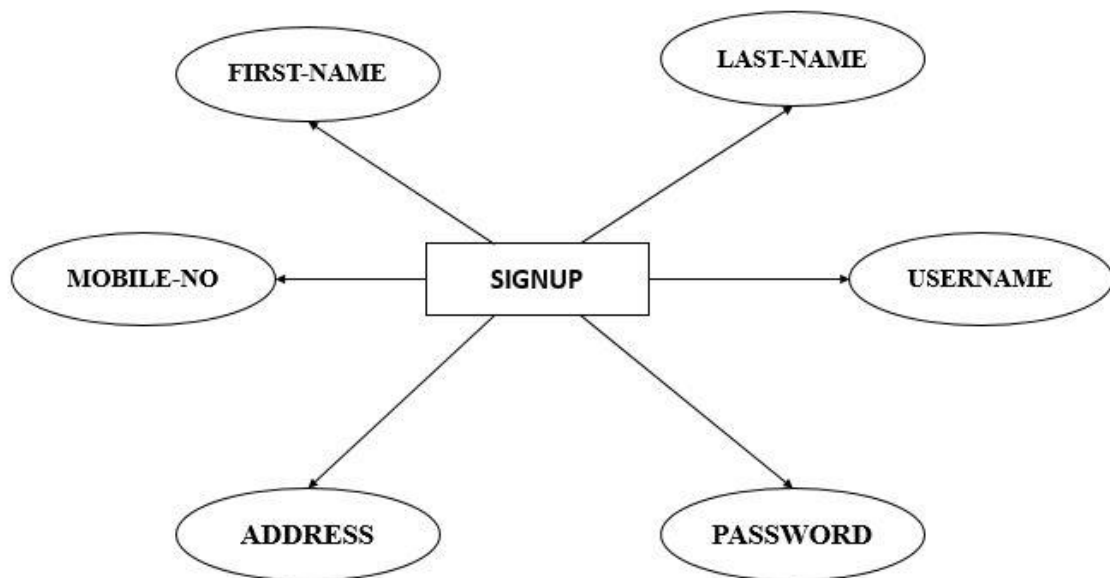
- Feasibility Study
- Requirement Analysis & Specification
- Design
- Coding & Testing
- System Testing
- Implementation
- Maintenance

## E-R diagram

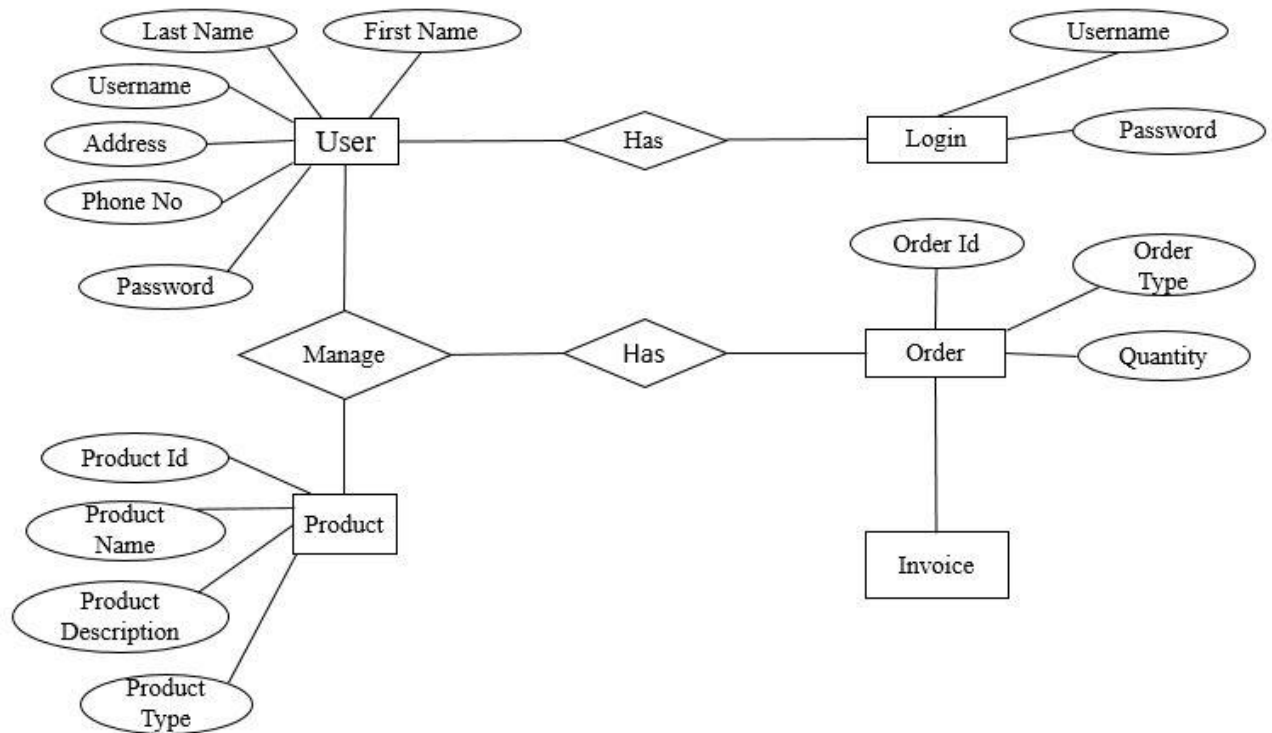
### Login-Entity:



### Register-Entity:



## Main Diagram:



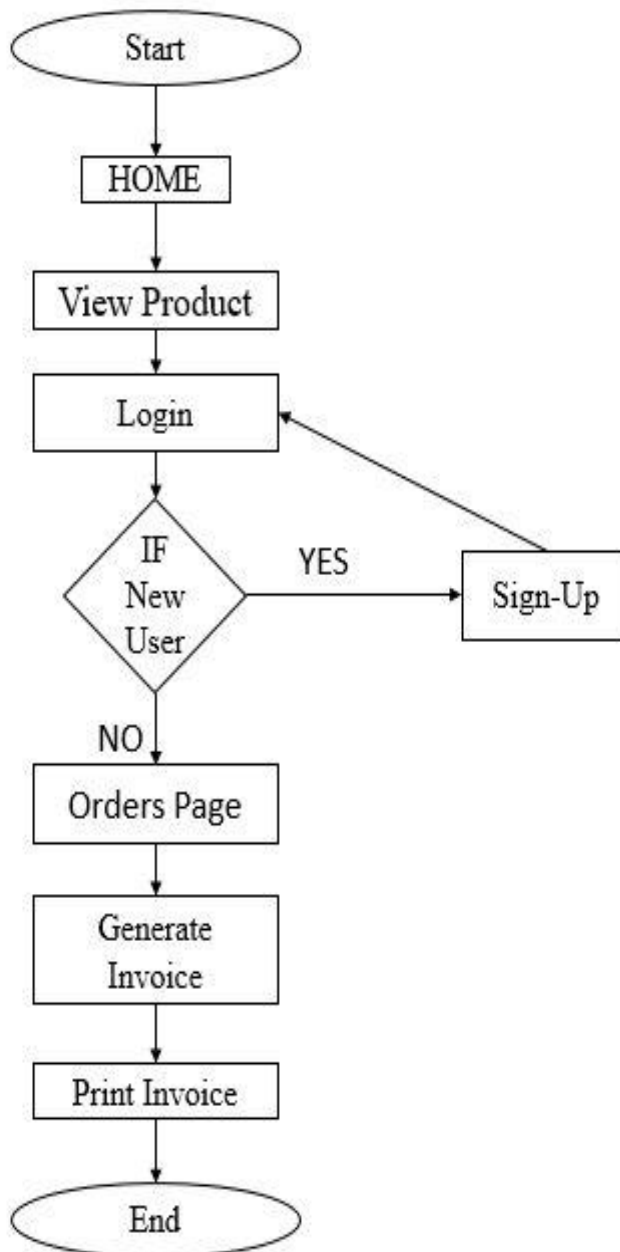
## Event Table

Event table should consist of the following:

- **Event:** is something that cause the system to respond
- **Trigger:** How does the system know that an event has occurred. For eg: For external event it data that is entering the system.
- **Source:** is an external agent or an actor. It is the source that is entering the data in the system.
- **Activity:** Behaviour that the system provides.
- **Response:** is the output produced by the system. It can be blank for state event sometimes.
- **Destination:** An external agent or actor that receives data from the system.

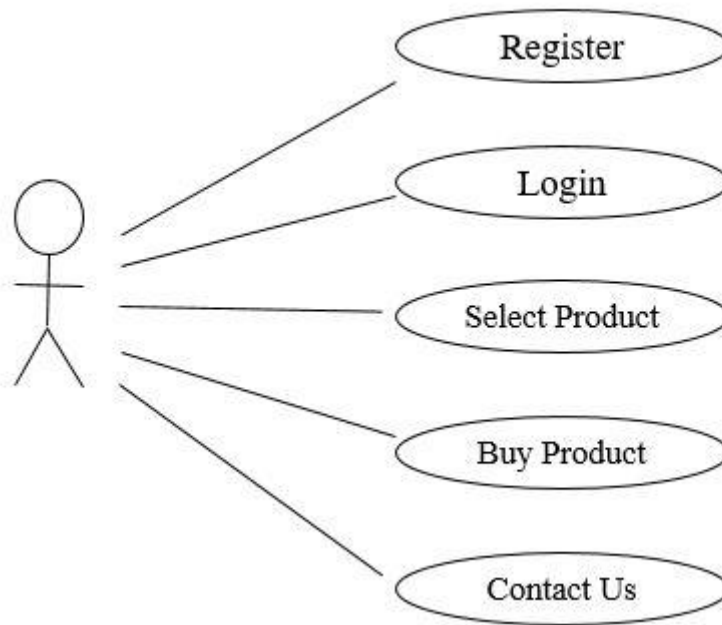
<b>Event</b>	<b>Trigger</b>	<b>Source</b>	<b>Activity</b>	<b>Response</b>	<b>Destination</b>
Login	Customer Login	Customer	Customer Login	login.jsp	System
Register	Customer Register	Customer	Customer Register	register.jsp	System
Product	Viewing Product	Customer	Viewing the Product	Products.jsp	System
Order	Ordering Product	Customer	Ordering Product	order.jsp	System

## Flow Chart



## Use Case:





## System Testing and Conclusion

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, design, coding.

### **Testing Objectives:**

- Testing is a process of executing a program with the intent of finding an error.
- A good test case is the one that has high portability of finding an as-yet undiscovered error.
- A successful test is one that uncovers an as-yet discovered error.

The main objective here will be to design test cases to uncover different classes of errors and to do so with minimum amount of time and efforts. If testing is conducted successfully it will uncover errors in the software. Another advantage is that it demonstrates that software functions appear to be working according to the specifications and performance requirement have been met.

But Testing cannot show the absence of defects it can show only that software errors are present.

### **Strategies used for software testing**

The software engineering process is viewed as spiral as shown:

- **Unit testing** begins at the vortex of the spiral and concentrates at the each unit of the software as implemented in the source code. Unit testing assures each module tested individually functions properly as a unit.
- **Integration testing** focuses on the design and construction of the software architecture. It is a systematic technique for constructing a program structure while conducting tests to uncover errors associated with interfacing. The objective is to take unit-tested module and build a program structure that has been specified as design.
- **Validation testing** takes care of the requirements established as part of the software requirements analysis are validated against the software that has been constructed. It is said to be successful when the software functions in a manner that can be reasonably expected by the customer.

## **Database:**

- Create database showstore;

- Table Name: customer\_login

Fields	Data Types	Description
CUSTOMER_ID	Int	
FIRSTNAME	Varchar2(20)	Enter First Name
LASTNAME	Varchar2(20)	Enter Last Name
ADDRESS	Varchar2(100)	Enter Address
USERID	Varchar2(20)	Enter Username
PASSWORD	Varchar2(20)	Enter Password

- Table Name: products

Fields	Data Types	Description
PRODUCT_ID	Int	
PRODUCT_NAME	Varchar2(20)	Name of Product
PRODUCT_TYPE	Varchar2(20)	Type of product
PRICE	Int(100)	Price of product
STOCK	Int(100)	Quantity of product
DESCRIPTION	Varchar2(100)	Product Description

## Source Code:

**index.jsp:**

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head lang="en">
    <title>Shoes Store</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
        .affix{
            top:0;
            width:100%;
            z-index: 9999 !important;
        }
        .navbar{
            font-family:Montserrat, sans-serif;
            letter-spacing:4px;
            border:0;
            font-size:11px;
            opacity:0.9;
            background-color:#340926;
            font-color:red;
            margin-bottom:0px;
            z-index: 9999 !important;
        }
        .dropdown-menu li a:hover{
            background-color:#2d2d30;
            color:#CBE432;
        }
        #introduction{
            margin-top:10px;
            color:#340926;
        }
        .navbar .navbar-brand{
            color:white;
        }
        .navbar .collapse li a{
            color:white;
        }
        .navbar .collapse li a:hover{
            background-color:black;
            color:#CBE432;
        }
    </style>

```

```

.navbar .collapse .dropdown li a{
    color:white;
    background-color:#340926;
}
.navbar .collapse .dropdown li a:hover{
    color:#CBE432;
    background-color:black;
}
.container .carousel{
    margin-top:10px;
}
.container .row{
    margin-top:10px;
}
}
#googleMap{
    margin-top:30px;
    margin-bottom:20px;
}
.affix + .container-fluid{
    padding-top:50px;
}
body{
    position:relative;
}
#mainHeading{
    color:#340926;
    padding-top:28px;
    letter-spacing:4px;
    font-family:Montserrat, sans-serif;
    font-weight:bolder;
}
#contact h3{
    color:#340926;
    letter-spacing:4px;
    margin-top:90px;
    margin-bottom:20px;
    font-size:30px;
}
#footerID{
    background-color:#340926;
    padding-bottom:5px;
    color:white;
    opacity:0.9;
}
</style>
</head>
<body>

```

```

        <div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
            <h1 id="mainHeading">Shoes Store</h1>
        </div>
        <nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
            <div class="container-fluid">
                <div class="navbar-header">
                    <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                        <span class="icon-bar"></span>
                        <span class="icon-bar"></span>
                        <span class="icon-bar"></span>
                    </button>
                    <a class="navbar-brand" href="index.jsp">Shoes
Store</a>
                </div>
                <div class="collapse navbar-collapse" id="mainNavbar">
                    <ul class="nav navbar-nav">
                        <li><a
href="index.jsp">HOME</span></a></li>
                        <li><a
href="Products.jsp">PRODUCTS</span></a></li>
                        <!-- <li class="dropdown">
                            <a class="dropdown-toggle" data-
toggle="dropdown" href="Products.jsp">PRODUCTS</a>
                            <ul class="dropdown-menu">
                                <li><a
href="Products.jsp">Beverages</a></li>
                                <li><a
href="Products.jsp">Breads Buns & Pavs</a></li>
                                <li><a
href="Products.jsp">Cookies & Tea Cakes</a></li>
                                <li><a
href="Products.jsp">Dairy</a></li>
                            </ul>
                        </li> -->
                        <li><a href="#contact">CONTACT
US</a></li>
                    </ul>
                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="register.jsp"><span
class="glyphicon glyphicon-user"></span>SIGNUP</a></li>
                        <li><a href="login.jsp"><span class="glyphicon
glyphicon-log-in"></span>LOGIN</a></li>
                    </ul>
                </div>
            </div>
        </nav>
        <div id="introduction" class="container text-center">

```

<p>These Website is the online Shoes store in Mumbai. With over 18,000 products and 1000 brands in our shoe list you will find everything you are looking for. Right from branded products online and other branded shoes online - we have it all. Save time and money, shop at our Website - the best online Shoes store - an all-encompassing online Shoes store of India.</p>

```

    </div>
    <div class="container">
        <div id="photoSlide" class="carousel slide" data-ride="carousel">
            <ol class="carousel-indicators">
                <li data-target="#photoSlide" data-slide-to="0"
class="active"></li>
                <li data-target="#photoSlide" data-slide-to="1"></li>
                <li data-target="#photoSlide" data-slide-to="2"></li>
            </ol>
            <div class="carousel-inner">
                <div class="item active">
                    
                </div>
                <div class="item">
                    
                </div>
                <div class="item">
                    
                </div>
            </div>
            <a class="left carousel-control" href="#photoSlide" data-
slide="prev">
                <span class="glyphicon glyphicon-chevron-
left"></span>
                <span class="sr-only">Previous</span>
            </a>
            <a class="right carousel-control" href="#photoSlide" data-
slide="next">
                <span class="glyphicon glyphicon-chevron-
right"></span>
                <span class="sr-only">Next</span>
            </a>
        </div>
    </div>
    <div class="container">
        <div class="row">
            <div class="col-sm-3">
                <a href="login.jsp"></a>
            </div>
            <div class="col-sm-3">

```



```

        <a href="login.jsp"></a>
    </div>
    <div class="col-sm-3">
        <a href="login.jsp"></a>
    </div>
    <div class="col-sm-3">
        <a href="login.jsp"></a>
    </div>
</div>
</div>
<div id="contact" class="container text-center">
    <h3 class="text-center">CONTACT</h3>
    <hr>
    <p class="text-center"><em>We love our customers</em></p>
    <p><span class="glyphicon glyphicon-map-
marker"></span><b>Kalyan,Maharashtra, India</b></p>
    <p><span class="glyphicon glyphicon-phone"></span>Phone:
+919022695479</p>
    <p><span class="glyphicon glyphicon-envelope"></span>Email:
gaonkarswapnil1@gmail.com</p>
</div>
<div class="container" id="googleMap" style="height:400px"></div>
<footer class="text-center" id="footerID">
    <a href="index.jsp" data-toggle="tooltip" title="TO TOP">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a><br><br>
    <p>Designed and Developed by <span class="glyphicon glyphicon-
copyright-mark"></span><b>Gaonkar #Oliver</b></p>
</footer>
<script>
    function myMap() {
        var myCenter = new google.maps.LatLng(19.2204, 73.1641);
        var mapProp = {center:myCenter, zoom:18, scrollwheel:false,
draggable:false, mapTypeId:google.maps.MapTypeId.ROADMAP};
        var map = new
google.maps.Map(document.getElementById("googleMap"),mapProp);
        var marker = new google.maps.Marker({position:myCenter});
        marker.setMap(map);
    }
</script>
<script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCg3AxFJTp-
rgSuXzi6EyqV1dQpjn8v2wo&callback=myMap"></script>
<script>
    $(document).ready(function(){
        $('body').scrollspy({target: ".navbar", offset: 50});
        $('#mainNavbar a').on('click', function(event) {

```

```

        if (this.hash !== "") {
            event.preventDefault();
            var hash = this.hash;
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 800, function(){
                window.location.hash = hash;
            });
        }
    });
</script>
</body>
</html>

```

## **login.jsp:**

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"% >
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head lang="en">
    <title></title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
        .affix{
            top:0;
            width:100%;
            z-index: 9999 !important;
        }
        .navbar{
            font-family:Montserrat, sans-serif;
            letter-spacing:4px;
            border:0;
            font-size:11px;
            opacity:0.9;
            background-color:#340926;
            font-color:red;
            margin-bottom:0px;
            z-index: 9999 !important;

```

```

}
.dropdown-menu li a:hover{
    background-color:#2d2d30;
    color:#CBE432;
}
.navbar .navbar-brand{
    color:white;
}
.navbar .collapse li a{
    color:white;
}
.navbar .collapse li a:hover{
    background-color:black;
    color:#CBE432;
}
.navbar .collapse .dropdown li a{
    color:white;
    background-color:#340926;
}
.navbar .collapse .dropdown li a:hover{
    color:#CBE432;
    background-color:black;
}
.affix + .container-fluid{
    padding-top:50px;
}
body{
    position:relative;
}
#mainHeading{
    color:#340926;
    padding-top:28px;
    letter-spacing:4px;
    font-family:Montserrat, sans-serif;
    font-weight:bolder;
}
#loginMain{
    color:#340926;
    letter-spacing:15px;
    font-weight:bolder;
    font-size:20;
    margin-top:50px;
}
#loginButton{
    background-color:#340926;
    color:white;
    border:none;
    width:100px;

```

```

        margin-top:15px;
    }
    #loginButton:hover{
        color:#CBE432;
    }
    input[type="email"], input[type="password"]{
        border:none;
background:#f1f1f1;
padding:15px;
    }
    #signUp{
        color:#AE0D7A;
    }
    #footerID{
        background-color:#340926;
        padding-bottom:5px;
        color:white;
        opacity:0.9;
    }
</style>
</head>
<body>
    <div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
        <h1 id="mainHeading">Shoes Store</h1>
    </div>
    <nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="#">Shoes Store</a>
            </div>
            <div class="collapse navbar-collapse" id="mainNavbar">
                <ul class="nav navbar-nav">
                    <li><a
href="index.jsp">HOME</span></a></li>
                    <li><a
href="Products.jsp">PRODUCTS</span></a></li>
                    <!-- <li class="dropdown">
                        <a class="dropdown-toggle" data-
toggle="dropdown" href="Products.jsp">PRODUCTS</a>
                        <ul class="dropdown-menu">
                            <li><a
href="#">Beverages</a></li>

```

```

Pavs</a></li>
Cakes</a></li>
</li><a href="#">Breads Buns &
</li><a href="#">Cookies & Tea
</li><a href="#">Dairy</a></li>
</ul>
</li> -->
</ul>
<ul class="nav navbar-nav navbar-right">
<li><a href="register.jsp"><span
class="glyphicon glyphicon-user"></span>SIGNUP</a></li>
</ul>
</div>
</div>
</nav>
<div class="container">
<h2 class="text-center" id="loginMain">LOGIN</h2>
<hr>
<form class="form-horizontal" action="login" method="POST">
<div class="form-group">
<label class="control-label col-sm-4"
for="username">Email:</label>
<div class="col-sm-4">
<input type="email" id="username"
name="username" placeholder="Enter email" class="form-control" required>
</div>
</div>
<div class="form-group">
<label class="control-label col-sm-4"
for="password">Password:</label>
<div class="col-sm-4">
<input type="password" id="password"
name="userpass" placeholder="Enter password" class="form-control" required>
</div>
</div>
<div class="form-group text-center">
<div class="col-sm-offset-4 col-sm-4">
<button type="submit" name="login"
id="loginButton" class="btn btn-primary btn-md">Login</button>
</div>
</div>
<div class="form-group">
<div class="text-center">
<p>Don't have an account? <a
href="register.jsp" id="signUp">Sign Up</a></p>
</div>
</div>
</form>
</div>
<script>

```

```

$(document).ready(function(){
    $('body').scrollspy({target: ".navbar", offset: 50});
    $("#mainNavbar a").on('click', function(event) {
        if (this.hash !== "") {
            event.preventDefault();
            var hash = this.hash;
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 800, function(){
                window.location.hash = hash;
            });
        }
    });
});
</script>
</body>
</html>

```

### **LoginServlet.java:**

```

package com.shoeShop.servlet;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.RequestDispatcher;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.IOException;
import java.io.PrintWriter;
import com.shoeShop.dao.LoginDao;

/**
 * Servlet implementation class LoginServlet
 */
@WebServlet("/login")

```

```

public class LoginServlet extends HttpServlet {

    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // TODO Auto-generated method stub

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
    }
}

```

```

String n=request.getParameter("username");
String p=request.getParameter("userpass");

if(LoginDao.validate(n, p)){

    response.sendRedirect("order.jsp?username="+n);
}
else{
    out.println("<script type=\"text/javascript\">");
    out.println("alert('User or password incorrect');");
    out.println("</script>");
    //out.print("Sorry username or password error");
    RequestDispatcher rd=request.getRequestDispatcher("login.jsp");
    rd.include(request,response);
}
}
}

```

### **LoginDao.java:**

```
package com.shoeShop.dao;
```

```
import java.sql.*;
```

```
public class LoginDao {
```

```

    public static boolean validate(String name,String pass){
        boolean status=false;
        try{
            Class.forName("com.mysql.jdbc.Driver");
            Connection con=DriverManager.getConnection(
                "jdbc:mysql://localhost:3306/showstore","root","");

            PreparedStatement ps=con.prepareStatement(
                "select USERID, PASSWORD from CUSTOMER_LOGIN where USERID=?
and PASSWORD=?");

```



```

        ps.setString(1,name);
        ps.setString(2,pass);

        ResultSet rs=ps.executeQuery();
        status=rs.next();

        }catch(Exception e){System.out.println(e);}
        return status;
    }
}

```

## register.jsp:

```

<% @ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"% >
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head lang="en">
    <title>Register</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
        .affix{
            top:0;
            width:100%;
            z-index: 9999 !important;
        }

        .navbar{
            font-family:Montserrat, sans-serif;
            letter-spacing:4px;
            border:0;
            font-size:11px;
            opacity:0.9;
            background-color:#340926;
            font-color:red;
            margin-bottom:0px;
            z-index: 9999 !important;
        }

        .dropdown-menu li a:hover{
            background-color:#2d2d30;
            color:#CBE432;
        }
    </style>

```

```

.navbar .navbar-brand{
    color:white;
}
.navbar .collapse li a{
    color:white;
}
.navbar .collapse li a:hover{
    background-color:black;
    color:#CBE432;
}
.navbar .collapse .dropdown li a{
    color:white;
    background-color:#340926;
}
.navbar .collapse .dropdown li a:hover{
    color:#CBE432;
    background-color:black;
}

.affix + .container-fluid{
    padding-top:50px;
}

body{
    position:relative;
}

#mainHeading{
    color:#340926;
    padding-top:28px;
    letter-spacing:4px;
    font-family:Montserrat, sans-serif;
    font-weight:bolder;
}

#mainSignup{
color:#340926;
letter-spacing:15px;
font-weight:bolder;
font-size:20;
margin-top:50px;
}

#address{
    resize:none;
}

input[type="textbox"], input[type=password], input[type=email],
input[type=number], input[type=date], #address{
    border:none;
    background:#f1f1f1;
    padding:15px;
}

#infoText{

```

```

        color:#340926;
    }
    #signupButton{
        background:#340926;
        color:white;
        border:none;
        width:100px;
        margin-top:15px;

    }
    #signupButton:hover{
        color:#CBE432;
    }
    #footerID{
        background-color:#340926;
        padding-bottom:5px;
        color:white;
        opacity:0.9;
    }
</style>
</head>
<body>
    <div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
        <h1 id="mainHeading">Shoes Store</h1>
    </div>
    <nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="index.jsp">Shoes
Store</a>
            </div>
            <div class="collapse navbar-collapse" id="mainNavbar">
                <ul class="nav navbar-nav">
                    <li><a
href="index.jsp">HOME</span></a></li>
                    <li><a
href="Products.jsp">PRODUCTS</span></a></li>
                    <!-- <li class="dropdown">
                        <a class="dropdown-toggle" data-
toggle="dropdown" href="Products.jsp">PRODUCTS</a>
                        <ul class="dropdown-menu">
                            <li><a
href="#">Beverages</a></li>

```

```

Pavs</a></li>
Cakes</a></li>
</li><a href="#">Breads Buns &
</li><a href="#">Cookies & Tea
</li><a href="#">Dairy</a></li>
</ul>
</li> -->
</ul>
<ul class="nav navbar-nav navbar-right">
  <li><a href="login.jsp"><span class="glyphicon
glyphicon-log-in"></span>LOGIN</a></li>
</ul>
</div>
</div>
</nav>
<div class="container">
  <h2 class="text-center" id="mainSignup">SIGNUP</h2>
  <p class="text-center" id="infoText">Please fill in this form to create
an account.</p>
  <hr>
  <form class="form-horizontal" method="POST"
action="RegisterServlet">
    <div class="form-group">
      <label class="control-label col-sm-4"
for="firstname">Firstname:</label>
      <div class="col-sm-6">
        <input type="text" class="form-control"
id="firstname" name="firstname" placeholder="Enter firstname" required>
      </div>
    </div>
    <div class="form-group">
      <label class="control-label col-sm-4"
for="lastname">Lastname:</label>
      <div class="col-sm-6">
        <input type="text" class="form-control"
id="lastname" name="surname" placeholder="Enter lastname" required>
      </div>
    </div>
    <!-- <div class="form-group">
      <label class="control-label col-sm-4" for="dob">Birth
Date:</label>
      <div class="col-sm-6">
        <input type="date" id="dob" name="dob"
class="form-control" required>
      </div>
    </div> -->
    <div class="form-group">
      <label class="control-label col-sm-4"
for="address">Address:</label>
      <div class="col-sm-6">

```

```

                                <textarea id="address" name="address"
placeholder="Enter address" class="form-control" rows="5" title = "Please enter Address
with Pincode" required></textarea>
                                </div>
                                </div>
                                <div class="form-group">
                                    <label class="control-label col-sm-4"
for="emailId">Email:</label>
                                    <div class="col-sm-6">
                                        <input type="email" id="emailid"
name="username" placeholder="Enter email id" class="form-control" required>
                                    </div>
                                </div>
                                <div class="form-group">
                                    <label class="control-label col-sm-4"
for="mobilenumber">Mobile No.:</label>
                                    <div class="col-sm-6">
                                        <input type="text" maxlength="10"
id="mobilenumber" placeholder="Enter mobile number" class="form-control" name="mobilenumber"
title = "Please enter 10 digit mobilenumber." required>
                                    </div>
                                </div>
                                <div class="form-group">
                                    <label class="control-label col-sm-4"
for="password">Password:</label>
                                    <div class="col-sm-6">
                                        <input type="password" class="form-control"
placeholder="Enter password" name="password" id = "pass1" required>
                                    </div>
                                </div>
                                <div class="form-group">
                                    <label class="control-label col-sm-4"
for="confirmpassword">Confirm Password:</label>
                                    <div class="col-sm-6">
                                        <input type="password" name="repassword"
placeholder="Confirm password" id = "pass2" class="form-control" required
onkeyup="checkPass(); return false;">
                                        <span id="confirmMessage"
class="confirmMessage"></span>
                                    </div>
                                </div>
                                <div class="form-group text-center">
                                    <div class="col-sm-offset-4 col-sm-6">
                                        <button type="submit" class="btn btn-primary btn-md" id="signupButton"
onclick="signup()">SIGN UP</button>
                                    </div>
                                </div>
                                </div>
                                </form>
                                </div>
                                <footer class="text-center" id="footerID">

```

```

        <a href="register.jsp" data-toggle="tooltip" title="TO TOP">
            <span class="glyphicon glyphicon-chevron-up"></span>
        </a><br><br>
        <p>Designed and Developed by <span class="glyphicon glyphicon-
copyright-mark"></span><b>Gaonkar #Oliver</b></p>
    </footer>
    <script>
        $(document).ready(function(){
            $('body').scrollspy({target: ".navbar", offset: 50});
            $('#mainNavbar a').on('click', function(event) {
                if (this.hash !== "") {
                    event.preventDefault();
                    var hash = this.hash;
                    $('html, body').animate({
                        scrollTop: $(hash).offset().top
                    }, 800, function(){
                        window.location.hash = hash;
                    });
                }
            });
        });
    </script>
    <script>
        function checkPass()
        {
            var pass1 = document.getElementById('pass1');
            var pass2 = document.getElementById('pass2');
            var message = document.getElementById('confirmMessage');
            var goodColor = "#66cc66";
            var badColor = "#ff6666";
            if(pass1.value == pass2.value){
                pass2.style.backgroundColor = goodColor;
                message.style.color = goodColor;
                message.innerHTML = "Passwords Match!"
            }else{
                pass2.style.backgroundColor = badColor;
                message.style.color = badColor;
                message.innerHTML = "Passwords Do Not Match!"
            }
        }
    </script>
    <script>
        function signup(){
            alert("Registration done successfully!!!")
        }
    </script>
</body>
</html>

```

## **RegisterServlet.java:**

```
package com.shoeShop.servlet;

import java.io.IOException;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import com.shoeShop.dao.LoginDao;
import com.shoeShop.dao.RegisterDao;

import java.io.IOException;
import java.io.PrintWriter;

/**
 * Servlet implementation class RegisterServlet
 */
@WebServlet("/RegisterServlet")
public class RegisterServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public RegisterServlet() {
```

```

    super();

    // TODO Auto-generated constructor stub
}

/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

    // TODO Auto-generated method stub

    response.getWriter().append("Served at: ").append(request.getContextPath());

}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

    // TODO Auto-generated method stub

    response.setContentType("text/html");

    PrintWriter out = response.getWriter();


    String firstname = request.getParameter("firstname");
    String surname = request.getParameter("surname");
    String username = request.getParameter("username");
    String password = request.getParameter("password");
    String address = request.getParameter("address");


    if(RegisterDao.register(firstname, surname, address, username, password)){

```



```

        response.sendRedirect("login.jsp");
    }
    else{
        out.print("Sorry username or password error");
        RequestDispatcher rd=request.getRequestDispatcher("index.html");
        rd.include(request,response);
    }
}
}
}

```

### **RegisterDao.java:**

```
package com.shoeShop.dao;
```

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.*;

```

```
public class RegisterDao {
```

```

    public static boolean register(String firstname,String surname, String address, String
    username, String password){
        boolean status=false;
        try{
            Class.forName("com.mysql.jdbc.Driver");
            Connection conn=DriverManager.getConnection(
                "jdbc:mysql://localhost:3306/showstore","root","");

```

```

        Statement stmt = conn.createStatement();

        //stmt.executeUpdate("INSERT INTO CUSTOMER_LOGIN (FIRSTNAME,
        SURNAME, ADDRESS, USERID, PASSWORD) VALUES ('firstname', 'gaonkar', 'Kalyan',
        'username', 'admin')");

        PreparedStatement pstmt = conn.prepareStatement("INSERT INTO
        CUSTOMER_LOGIN (FIRSTNAME, SURNAME, ADDRESS, USERID, PASSWORD)
        VALUES (?, ?, ?, ?, ?)");

        pstmt.setString(1, firstname);

        pstmt.setString(2, surname);

        pstmt.setString(3, address);

        pstmt.setString(4, username);

        pstmt.setString(5, password);

        pstmt.executeUpdate();

        conn.close();

        status = true;

    } catch (Exception e) {

        System.out.println(e);

    }

    return status;

}
}

```

## **Products.jsp:**

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <% @ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
    <% @ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
    <head lang="en">
        <title>Products</title>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">

```

```

        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
        <style>
            .affix{
                top:0;
                width:100%;
                z-index: 9999 !important;
            }

            .navbar{
                font-family:Montserrat, sans-serif;
                letter-spacing:4px;
                border:0;
                font-size:11px;
                opacity:0.9;
                background-color:#340926;
                font-color:red;
                margin-bottom:0px;
                z-index: 9999 !important;
            }

            .dropdown-menu li a:hover{
                background-color:#2d2d30;
                color:#CBE432;
            }

            .navbar .navbar-brand{
                color:white;
            }

            .navbar .collapse li a{
                color:white;
            }

            .navbar .collapse li a:hover{
                background-color:black;
                color:#CBE432;
            }

            .navbar .collapse .dropdown li a{
                color:white;
                background-color:#340926;
            }

            .navbar .collapse .dropdown li a:hover{
                color:#CBE432;
                background-color:black;
            }

            .affix + .container-fluid{
                padding-top:50px;
            }

```

```

        body{
            position:relative;
        }
        #mainHeading{
            color:#340926;
            padding-top:28px;
            letter-spacing:4px;
            font-family:Montserrat, sans-serif;
            font-weight:bolder;
        }
        #mainBeverages{
            color:#340926;
            letter-spacing:10px;
        }
        #productImage{
            height:200px;
            width:300px;
        }
        #footerID{
            background-color:#340926;
            padding-bottom:5px;
            color:white;
            opacity:0.9;
        }
    </style>
</head>
<body>
    <sql:setDataSource
var="myDS"
driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://localhost:3306/showstore"
user="root" password=""
/>

    <sql:query var="listUsers" dataSource="${myDS}">
        SELECT PRODUCT_IMAGE, PRODUCT_NAME, PRODUCT_TYPE, PRICE,
        STOCK, DESCRIPTION FROM PRODUCTS;
    </sql:query>

    <div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
        <h1 id="mainHeading">Shoes Store</h1>
    </div>
    <nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>

```

```

        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="#">Hello
Customer</a>
</div>
<div class="collapse navbar-collapse" id="mainNavbar">
    <ul class="nav navbar-nav">
        <li><a
href="index.jsp">HOME</span></a></li>
        <li><a
href="Products.jsp">PRODUCTS</span></a></li>
        <!-- <li class="dropdown">
            <a class="dropdown-toggle" data-
toggle="dropdown" href="Products.jsp">PRODUCTS</a>
            <ul class="dropdown-menu">
                <li><a
href="cat1.html">Beverages</a></li>
                <li><a href="cat2.html">Breads
Buns & Pavs</a></li>
                <li><a href="cat3.html">Cookies
& Tea Cakes</a></li>
                <li><a
href="cat4.html">Dairy</a></li>
            </ul>
        </li> -->
    </ul>
    <ul class="nav navbar-nav navbar-right">
        <li><a href="register.jsp"><span
class="glyphicon glyphicon-user"></span>SIGNUP</a></li>
        <li><a href="login.jsp"><span class="glyphicon
glyphicon-log-in"></span>LOGIN</a></li>
    </ul>
</div>
</div>
</nav>
<div class="container">
    <h2 class="text-center" id="mainBeverages"></h2>
    <hr>

    <c:forEach var="user" items="${listUsers.rows}">
        <div class="media">
            <div class="media-left media-middle">
                
            </div>
            <div class="media-body">
                <h3 class="media-heading">${user.PRODUCT_NAME}</h3>
                <p>Product Name: ${user.PRODUCT_NAME}</p>
                <p>Description: ${user.DESCRPTION}</p>
            </div>
        </div>
    </c:forEach>
</div>

```

```

        <p>Price: ${user.PRICE}</p>
        <p>Stock: ${user.STOCK}</p>
        <a href="login.jsp" class="btn btn-primary">BUY</a>
    </div>
</div>
<hr>
</c:forEach>

</div>
<footer class="text-center" id="footerID">
    <a href="Products.jsp" data-toggle="tooltip" title="TO TOP">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a><br><br>
    <p>Designed and Developed by <span class="glyphicon glyphicon-
copyright-mark"></span><b>Gaonkar #Oliver</b></p>
</footer>
<script>
    $(document).ready(function(){
        $('body').scrollspy({target: ".navbar", offset: 50});
        $('#mainNavbar a').on('click', function(event) {
            if (this.hash !== "") {
                event.preventDefault();
                var hash = this.hash;
                $('html, body').animate({
                    scrollTop: $(hash).offset().top
                }, 800, function(){
                    window.location.hash = hash;
                });
            }
        });
    });
</script>
</body>
</html>

```

## order.jsp:

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<% @ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
    <head lang="en">
        <title>Products</title>
        <meta charset="utf-8">

```

```

    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
        input{
            border: none;
            background : transparent;
        }
        .affix{
            top:0;
            width:100%;
            z-index: 9999 !important;
        }

        .navbar{
            font-family:Montserrat, sans-serif;
            letter-spacing:4px;
            border:0;
            font-size:11px;
            opacity:0.9;
            background-color:#340926;
            font-color:red;
            margin-bottom:0px;
            z-index: 9999 !important;
        }

        .dropdown-menu li a:hover{
            background-color:#2d2d30;
            color:#CBE432;
        }

        .navbar .navbar-brand{
            color:white;
        }

        .navbar .collapse li a{
            color:white;
        }

        .navbar .collapse li a:hover{
            background-color:black;
            color:#CBE432;
        }

        .navbar .collapse .dropdown li a{
            color:white;
            background-color:#340926;
        }

        .navbar .collapse .dropdown li a:hover{
            color:#CBE432;
            background-color:black;
        }
    </style>

```

```

    }
    .affix + .container-fluid{
        padding-top:50px;
    }
    body{
        position:relative;
    }
    #mainHeading{
        color:#340926;
        padding-top:28px;
        letter-spacing:4px;
        font-family:Montserrat, sans-serif;
        font-weight:bolder;
    }
    #mainBeverages{
        color:#340926;
        letter-spacing:10px;
    }
    #productImage{
        height:200px;
        width:300px;
    }
    #footerID{
        background-color:#340926;
        padding-bottom:5px;
        color:white;
        opacity:0.9;
    }
</style>
</head>
<body>
<%
String username=request.getParameter("username");
//out.print("Welcome "+ username);
session.setAttribute("username",username);
%>
<form action="order" method = "post">
    <div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
        <h1 id="mainHeading">Shoes Store</h1>
    </div>
    <nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>

```



```

        </button>
        <a class="navbar-brand" href="#">Shoes Store</a>
    </div>
    <div class="collapse navbar-collapse" id="mainNavbar">
        <ul class="nav navbar-nav">
            <li><a
href="index.jsp">HOME</span></a></li>
            <li><a
href="Products.jsp">PRODUCTS</span></a></li>
            <!-- <li class="dropdown">
                <a class="dropdown-toggle" data-
toggle="dropdown" href="Products.jsp">PRODUCTS</a>
                <ul class="dropdown-menu">
                    <li><a
href="cat1.html">Beverages</a></li>
                    <li><a href="cat2.html">Breads
Buns & Pavs</a></li>
                    <li><a href="cat3.html">Cookies
& Tea Cakes</a></li>
                    <li><a
href="cat4.html">Dairy</a></li>
                </ul>
            </li> -->
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li><p class="navbar-brand">Welcome
Customer</p></li>
        </ul>
    </div>
</div>
</nav>
<sql:setDataSource
var="myDS"
driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://localhost:3306/showstore"
user="root" password=""
/>

<sql:query var="listUsers" dataSource="${myDS}">
    SELECT PRODUCT_IMAGE,PRODUCT_ID, PRODUCT_NAME,
PRODUCT_TYPE, PRICE, STOCK, DESCRIPTION FROM PRODUCTS;
</sql:query>

<div class="container">
    <h2 class="text-center" id="mainBeverages">Sports Shoes</h2>
    <hr>
    <c:forEach var="user" items="${listUsers.rows}">
        <div class="media">
            <div class="media-left media-middle">

```

```

        
    </div>
    <div class="media-body">
        <h3 class="media-heading">{user.PRODUCT_NAME}</h3>
        <p>Product ID: <input type="text" name="product_id" value =
"${user.PRODUCT_ID}" readonly></p>
        <p>Product Name: <input type="text" name="product_name" value
= "${user.PRODUCT_NAME}" readonly></p>
        <p>Product Type: <input type="text" name="product_type" value =
"${user.PRODUCT_TYPE}" readonly></p>
        <p>Price: <input type="text" name="price" value =
"${user.PRICE}" readonly></p>
        <p>Stock: <input type="text" name="stock" value =
"${user.STOCK}" readonly></p>
        <p>Description: <input type="text" name="description" value =
"${user.DESCRPTION}" readonly></p>
        <p>Quantity: <input type="number"
name="quantity_{user.PRODUCT_ID}" min="1" max="{user.STOCK}" step="1"
value="1"></p>

        <!-- <button name="addtocart" value="Add to Cart" class="btn btn-
primary">Add to Cart</button> -->
        <button class="btn btn-primary" name="button"
value="{user.PRODUCT_ID}">BUY</button>
        <h6>(online payment unavailable)</h6>
        <h6>Only COD available</h6>
    </div>
</div>
<hr>
</c:forEach>

</div>
<footer class="text-center" id="footerID">
    <a href="order.jsp" data-toggle="tooltip" title="TO TOP">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a><br><br>
    <p>Designed and Developed by <span class="glyphicon glyphicon-
copyright-mark"></span><b>Gaonkar #Oliver</b></p>
</footer>
<script>
    $(document).ready(function(){
        $('body').scrollspy({target: ".navbar", offset: 50});
        $('#mainNavbar a').on('click', function(event) {
            if (this.hash !== "") {
                event.preventDefault();
                var hash = this.hash;
                $('html, body').animate({
                    scrollTop: $(hash).offset().top
                }, 800, function(){

```

```

                                window.location.hash = hash;
                                });
                                }
                                });
                                </script>
                                </form>
                                </body>
                                </html>

```

## **OrderServlet.java:**

```

package com.shoeShop.servlet;

import java.io.IOException;
import java.io.PrintWriter;
import java.util.Date;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.shoeShop.dao.OrderDao;

/**
 * Servlet implementation class OrderServlet
 */
@WebServlet("/order")
public class OrderServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

```

```

/**
 * @see HttpServlet#HttpServlet()
 */
public OrderServlet() {
    super();
    // TODO Auto-generated constructor stub
}

/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    // TODO Auto-generated method stub

    response.getWriter().append("Served at: ").append(request.getContextPath());
}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    // TODO Auto-generated method stub

    System.out.println("Inside doPost Orders");

    response.setContentType("text/html");

    PrintWriter out = response.getWriter();

```

```

        HttpSession session = request.getSession();
        String username = session.getAttribute("username").toString();

        System.out.println("String Username = "+username);

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

        String product_name = request.getParameter("product_name");
        String product_id = request.getParameter("button");

        System.out.println("Add to
        Cart="+addtocart+"product_name="+product_name+"product_type="+product_id);
        if(addtocart==null) {
            System.out.println("Inside addtocart null");
            String quantity = request.getParameter("quantity_"+product_id);
            Date orderDate= new Date();
            System.out.println("product_id => "+quantity+" ,Quantity =>
            "+quantity);
            if(OrderDao.addOrder(Integer.parseInt(product_id),username,orderDate,Integer.parse
            Int(quantity))) {

                response.sendRedirect("invoice.jsp?username="+username);

            }
            else {

                out.print("Order cannot be placed");

                RequestDispatcher
                rd=request.getRequestDispatcher("index.html");

                rd.include(request,response);

            }

        }
        else {

```

```

        System.out.println("Inside addtocart not null");
        if(true){
            response.sendRedirect("order.jsp?username="+username);
        }
        else{
            out.print("Order cannot be placed");
            RequestDispatcher
rd=request.getRequestDispatcher("index.html");
            rd.include(request,response);
        }
    }
}
}
}

```

### **OrderDao.java:**

```
package com.shoeShop.dao;
```

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Timestamp;
import java.util.Date;

```

```
public class OrderDao {
```

```

    public static boolean addOrder(int product_id, String username, Date date,int
quantity){
        boolean status=false;

```

```

String product_name="";
String product_type="";
int price=0;
int stock=0;
String description="";
//int quantity=0;
try{
Class.forName("com.mysql.jdbc.Driver");
Connection conn=DriverManager.getConnection(
"jdbc:mysql://localhost:3306/showstore","root","");
PreparedStatement ps=conn.prepareStatement(
        "SELECT PRODUCT_NAME,PRODUCT_TYPE, PRICE,
STOCK, DESCRIPTION FROM PRODUCTS WHERE PRODUCT_ID=?");

ps.setInt(1,product_id);

ResultSet rs=ps.executeQuery();
while(rs.next()) {
    product_name=rs.getString(1);
    product_type=rs.getString(2);
    price=rs.getInt(3);
    stock=rs.getInt(4);
    description=rs.getString(5);
}

System.out.print(product_name+product_type+price+stock+description);

//stmt.executeUpdate("INSERT INTO CUSTOMER_LOGIN (FIRSTNAME,
SURNAME, ADDRESS, USERID, PASSWORD) VALUES ('firstname', 'gaonkar', 'Kalyan',
'username', 'admin')");

PreparedStatement pstmt = conn.prepareStatement("INSERT INTO
ORDERS(PRODUCT_NAME, PRODUCT_TYPE, PRICE, STOCK, DESCRIPTION,
QUANTITY, TOTAL_AMOUNT, USERNAME,ORDER_DATE) VALUES
(?,?,?,?,?,?,?,?)");

```

```

        int total_amount = price * quantity;
        pstmt.setString(1, product_name);
        pstmt.setString(2, product_type);
        pstmt.setInt(3, price);
        pstmt.setInt(4, stock);
        pstmt.setString(5, description);
        pstmt.setInt(6, quantity);
        pstmt.setInt(7, total_amount);
        pstmt.setString(8, username);
        //pstmt.setTimeStamp(9, now());
        //System.out.println("date => "+new Timestamp(date.getTime()));
        String d = "2019-09-22 12:02:39.887";
        pstmt.setDate(9, new java.sql.Date(date.getTime()));
        pstmt.executeUpdate();

        conn.close();

        status = true;
    }catch(Exception e){
        System.out.println(e);
    }
    return status;
}
}

```

### **invoice.jsp:**

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<% @ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql" %>

```



```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head lang="en">
    <title>Invoice</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
      .affix{
        top:0;
        width:100%;
        z-index: 9999 !important;
      }
      .navbar{
        font-family:Montserrat, sans-serif;
        letter-spacing:4px;
        border:0;
        font-size:11px;
        opacity:0.9;
        background-color:#340926;
        font-color:red;
        margin-bottom:0px;
        z-index: 9999 !important;
      }
      .dropdown-menu li a:hover{
        background-color:#2d2d30;
        color:#CBE432;
      }
      .navbar .navbar-brand{
        color:white;
      }
      .navbar .collapse li a{
        color:white;
      }
      .navbar .collapse li a:hover{
        background-color:black;
        color:#CBE432;
      }
      .navbar .collapse .dropdown li a{
        color:white;
        background-color:#340926;
      }
      .navbar .collapse .dropdown li a:hover{
        color:#CBE432;
      }
    </style>
  </head>
  <body>
    <div class="container">
      <div class="row">
        <div class="col-md-12">
          <div class="text-align: center; padding-top: 20px;">
            <h1>Invoice</h1>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h2>Invoice</h2>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h3>Invoice</h3>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h4>Invoice</h4>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h5>Invoice</h5>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h6>Invoice</h6>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h7>Invoice</h7>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h8>Invoice</h8>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h9>Invoice</h9>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h10>Invoice</h10>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h11>Invoice</h11>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h12>Invoice</h12>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h13>Invoice</h13>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h14>Invoice</h14>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h15>Invoice</h15>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h16>Invoice</h16>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h17>Invoice</h17>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h18>Invoice</h18>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h19>Invoice</h19>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h20>Invoice</h20>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h21>Invoice</h21>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h22>Invoice</h22>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h23>Invoice</h23>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h24>Invoice</h24>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h25>Invoice</h25>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h26>Invoice</h26>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h27>Invoice</h27>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h28>Invoice</h28>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h29>Invoice</h29>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h30>Invoice</h30>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h31>Invoice</h31>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h32>Invoice</h32>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h33>Invoice</h33>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h34>Invoice</h34>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h35>Invoice</h35>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h36>Invoice</h36>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h37>Invoice</h37>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h38>Invoice</h38>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h39>Invoice</h39>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h40>Invoice</h40>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h41>Invoice</h41>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h42>Invoice</h42>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h43>Invoice</h43>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h44>Invoice</h44>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h45>Invoice</h45>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h46>Invoice</h46>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h47>Invoice</h47>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h48>Invoice</h48>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h49>Invoice</h49>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h50>Invoice</h50>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h51>Invoice</h51>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h52>Invoice</h52>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h53>Invoice</h53>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h54>Invoice</h54>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h55>Invoice</h55>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h56>Invoice</h56>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h57>Invoice</h57>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h58>Invoice</h58>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h59>Invoice</h59>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h60>Invoice</h60>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h61>Invoice</h61>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h62>Invoice</h62>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h63>Invoice</h63>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h64>Invoice</h64>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h65>Invoice</h65>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h66>Invoice</h66>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h67>Invoice</h67>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h68>Invoice</h68>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h69>Invoice</h69>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h70>Invoice</h70>
          </div>
          <div class="text-align: center; padding-top: 20px;">
            <h71>Invoice</h71>
          </div>
          <div class="
```

```

        background-color:black;

    }
    .affix + .container-fluid{
        padding-top:50px;

    }
    body{
        position:relative;
    }
    #mainHeading{
        color:#340926;
        padding-top:28px;
        letter-spacing:4px;
        font-family:Montserrat, sans-serif;
        font-weight:bolder;
    }
    #invoiceMain{
        color:#340926;
        letter-spacing:10px;
        margin-top:50px;
    }
    #invoiceSecond{
        color:#340926;
        letter-spacing:10px;
    }
    #invoiceBody{
        margin-top:30px;
    }
    #printButton{
        background-color:#340926;
        width:150px;
        border:none;
    }
    #printButton:hover{
        color:#CBE432;
    }
    #footerID{
        background-color:#340926;
        padding-bottom:5px;
        color:white;
        opacity:0.9;
    }
</style>
</head>
<body>
<%
String username=request.getParameter("username");
session.setAttribute("username",username);
%>

```

```

<sql:setDataSource
    var="myDS"
    driver="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/showstore"
    user="root" password=""
/>

<sql:query var="orderDetails" dataSource="${myDS}">
    SELECT ORDER_ID, USERNAME, PRODUCT_NAME, PRODUCT_TYPE,
    PRICE, STOCK, QUANTITY, DESCRIPTION, TOTAL_AMOUNT FROM ORDERS
    WHERE USERNAME = '<%= request.getParameter("username") %>' order by ORDER_ID
    desc limit 1;;
</sql:query>

<sql:query var="customerDetails" dataSource="${myDS}">
    select CUSTOMER_ID, FIRSTNAME, SURNAME, ADDRESS, USERID,
    PASSWORD from CUSTOMER_LOGIN WHERE USERID = '<%=
    request.getParameter("username") %>' order by CUSTOMER_ID desc limit 1;;
</sql:query>

<div class="container-fluid text-center" style="height:120px; background-
color:#CBE432; opacity:0.9;">
    <h1 id="mainHeading">Shoe Store</h1>
</div>
<nav class="navbar navbar-inverse" data-spy="affix" data-offset-top="118">
    <div class="container-fluid">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#mainNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="#">Hello <%=
request.getParameter("username") %></a>
        </div>
        <div class="collapse navbar-collapse" id="mainNavbar">
            <ul class="nav navbar-nav">
            </ul>
            <ul class="nav navbar-nav navbar-right">
                <li><a href="index.jsp"><span
class="glyphicon glyphicon-log-out"></span>LOGOUT</a></li>
            </ul>
        </div>
    </div>
</nav>
<div class="container">
    <h3 class="text-center" id="invoiceMain">INVOICE</h3>

```

```

LTD.</h4>
<hr>
<h4 class="text-center" id="invoiceSecond">Shoe Store PVT.

<form class="form-horizontal" id="invoiceBody">

  <c:forEach var="order" items="{orderDetails.rows}">
    <div class="form-group">
      <div class="col-sm-6 text-right">
        <label class="control-label">Order No :
</label>

      </div>
      <div class="col-sm-6 text-left">
        <label class="control-
label">${order.ORDER_ID}</label>
      </div>
    </div>
    <c:forEach var="customerDetails"
items="{customerDetails.rows}">
      <div class="form-group">
        <div class="col-sm-6 text-right">
          <label class="control-label">Name : </label>
        </div>
        <div class="col-sm-6 text-left">
          <label class="control-
label">${customerDetails.FIRSTNAME} ${customerDetails.SURNAME}</label>
        </div>
      </div>
      <div class="form-group">
        <div class="col-sm-6 text-right">
          <label class="control-label">Delivery Address : </label>
        </div>
        <div class="col-sm-6 text-left">
          <label class="control-
label">${customerDetails.ADDRESS}</label>
        </div>
      </div>
      <div class="form-group">
        <div class="col-sm-6 text-right">
          <label class="control-label">Email Id : </label>
        </div>
        <div class="col-sm-6 text-left">
          <label class="control-
label">${customerDetails.USERID}</label>
        </div>
      </div>
    </c:forEach>
  </div>
  <div class="form-group">
    <div class="col-sm-6 text-right">
      <label class="control-label">Product Name : </label>
    </div>
  </div>

```

```

        <div class="col-sm-6 text-left">
            <label class="control-
label">${order.PRODUCT_NAME}</label>
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-6 text-right">
            <label class="control-label">Product Type : </label>
        </div>
        <div class="col-sm-6 text-left">
            <label class="control-
label">${order.PRODUCT_TYPE}</label>
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-6 text-right">
            <label class="control-label">Quantity : </label>
        </div>
        <div class="col-sm-6 text-left">
            <label class="control-label">${order.QUANTITY}</label>
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-6 text-right">
            <label class="control-label">Description : </label>
        </div>
        <div class="col-sm-6 text-left">
            <label class="control-label">${order.DESCRPTION}</label>
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-6 text-right">
            <label class="control-label">Price : </label>
        </div>
        <div class="col-sm-6 text-left">
            <label class="control-label">${order.PRICE}</label>
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-6 text-right">
            <label class="control-label">Amount to be paid : </label>
        </div>
        <div class="col-sm-6 text-left">
            <label class="control-
label">${order.TOTAL_AMOUNT}</label>
        </div>
    </div>

```

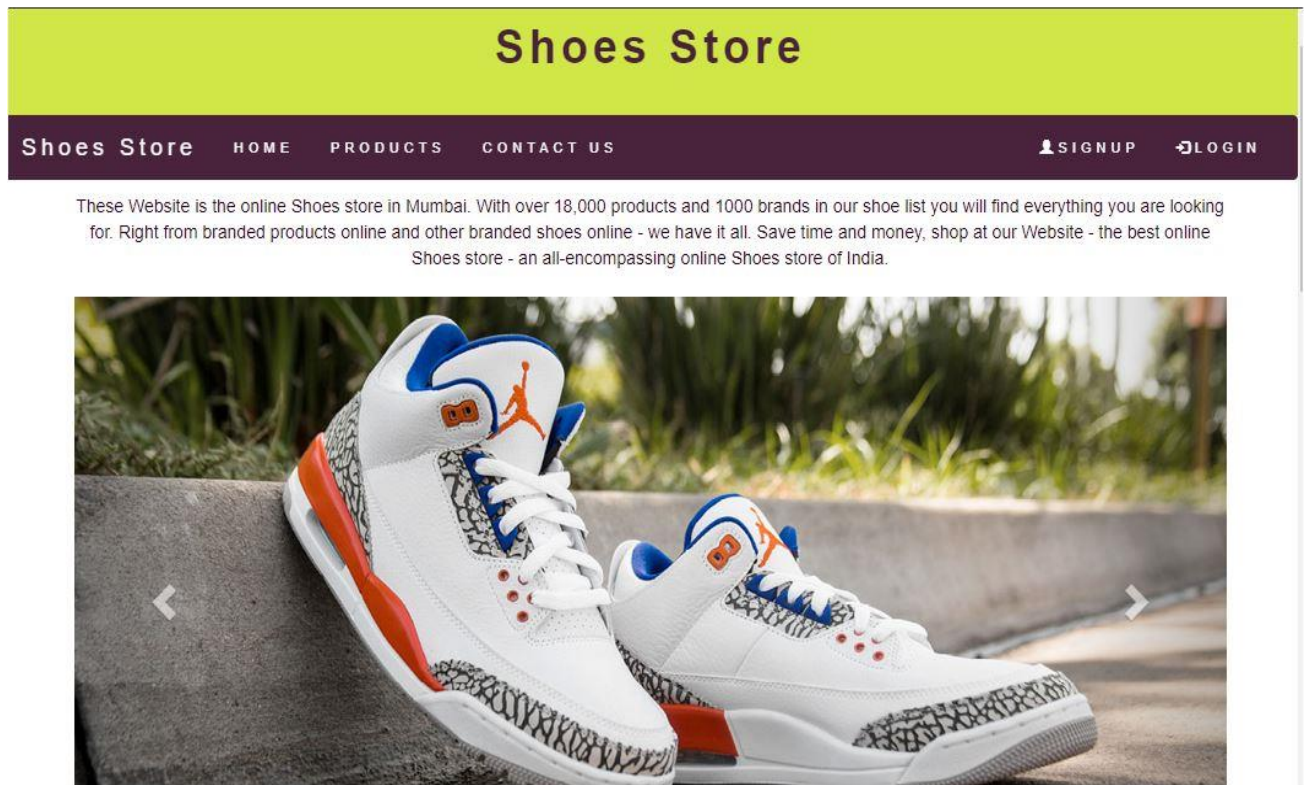
```

        </div>
        <hr>
        </c:forEach>
    </form>
    <div class="col-sm-12 text-center">
        <button type="button" class="btn btn-primary"
id="printButton" onclick="printFunc()"><span class="glyphicon glyphicon-print"></span>
Print Invoice</button>
    </div>
</div>
<br>
<br>
<footer class="text-center" id="footerID">
    <a href="invoice.jsp" data-toggle="tooltip" title="TO TOP">
        <span class="glyphicon glyphicon-chevron-up"></span>
    </a><br><br>
    <p>Designed and Developed by <span class="glyphicon glyphicon-
copyright-mark"></span><b>Gaonkar #Oliver</b></p>
</footer>
<script>
    function printFunc(){
        window.print();
    }
</script>
</body>
</html>

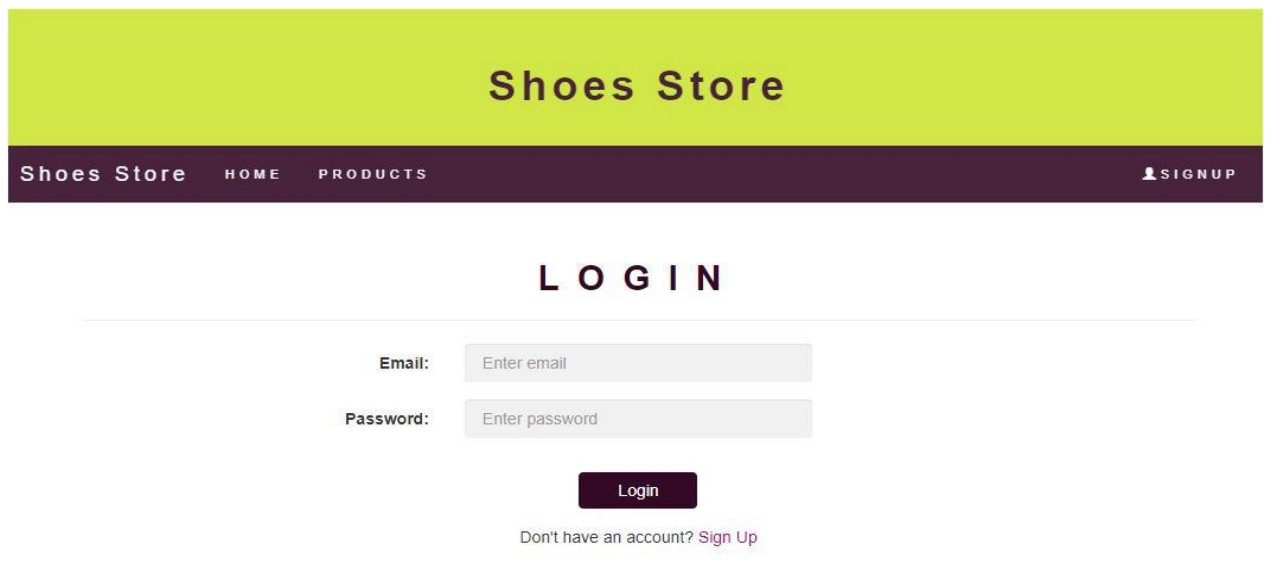
```

## Output:

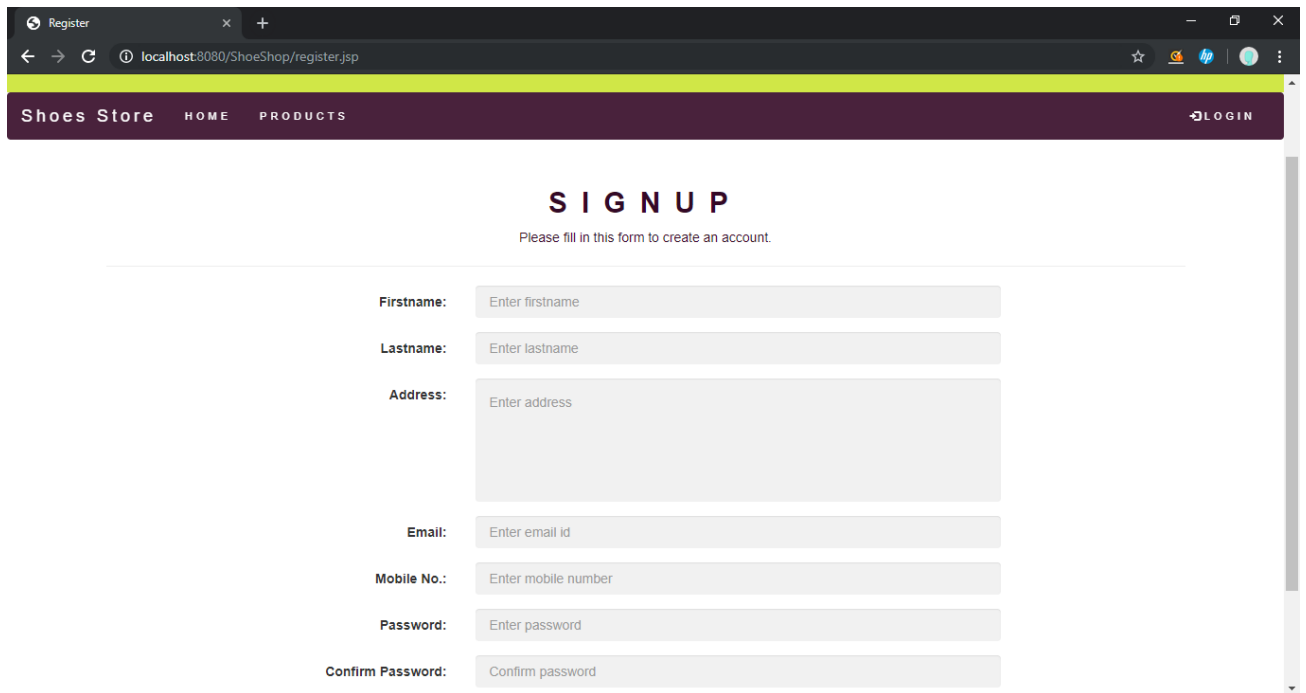
### Index:



### Login:



## Register:



Register

localhost:8080/ShoeShop/register.jsp

Shoes Store HOME PRODUCTS LOGIN

### SIGNUP

Please fill in this form to create an account.

Firstname:

Lastname:

Address:

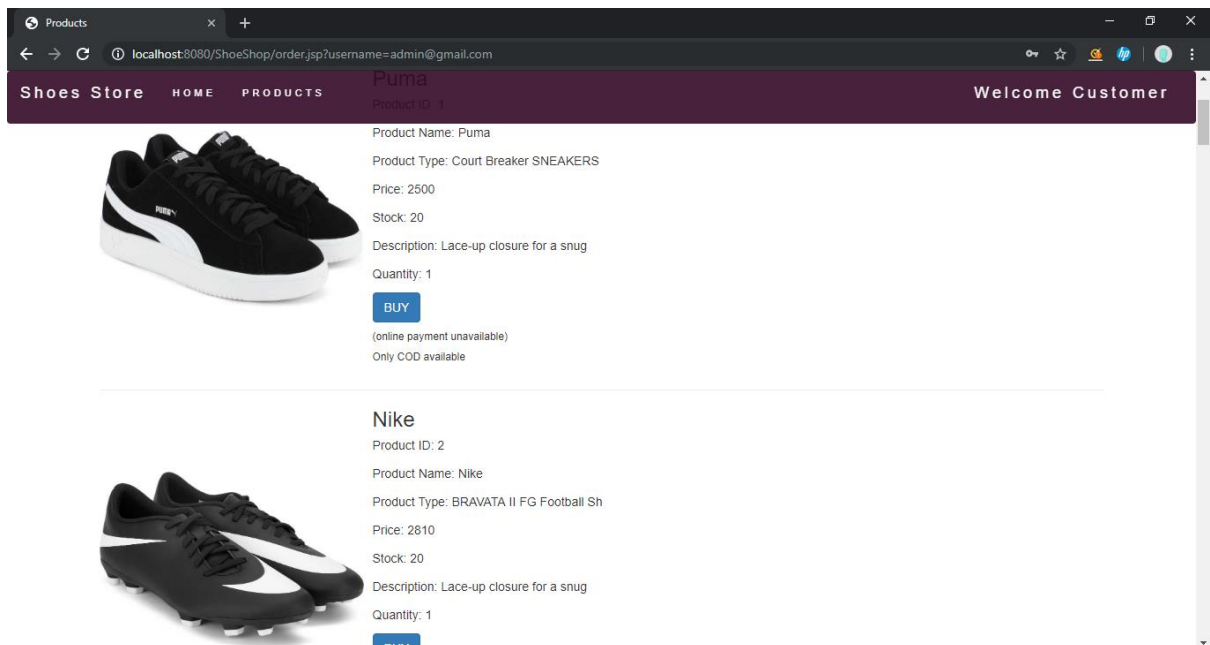
Email:

Mobile No.:

Password:

Confirm Password:

## Orders page:



Products

localhost:8080/ShoeShop/order.jsp?username=admin@gmail.com

Shoes Store HOME PRODUCTS Welcome Customer

### Puma

Product ID: 1

Product Name: Puma

Product Type: Court Breaker SNEAKERS

Price: 2500

Stock: 20

Description: Lace-up closure for a snug

Quantity: 1

[BUY](#)

(online payment unavailable)  
Only COD available

### Nike

Product ID: 2

Product Name: Nike

Product Type: BRAVATA II FG Football Sh

Price: 2810

Stock: 20

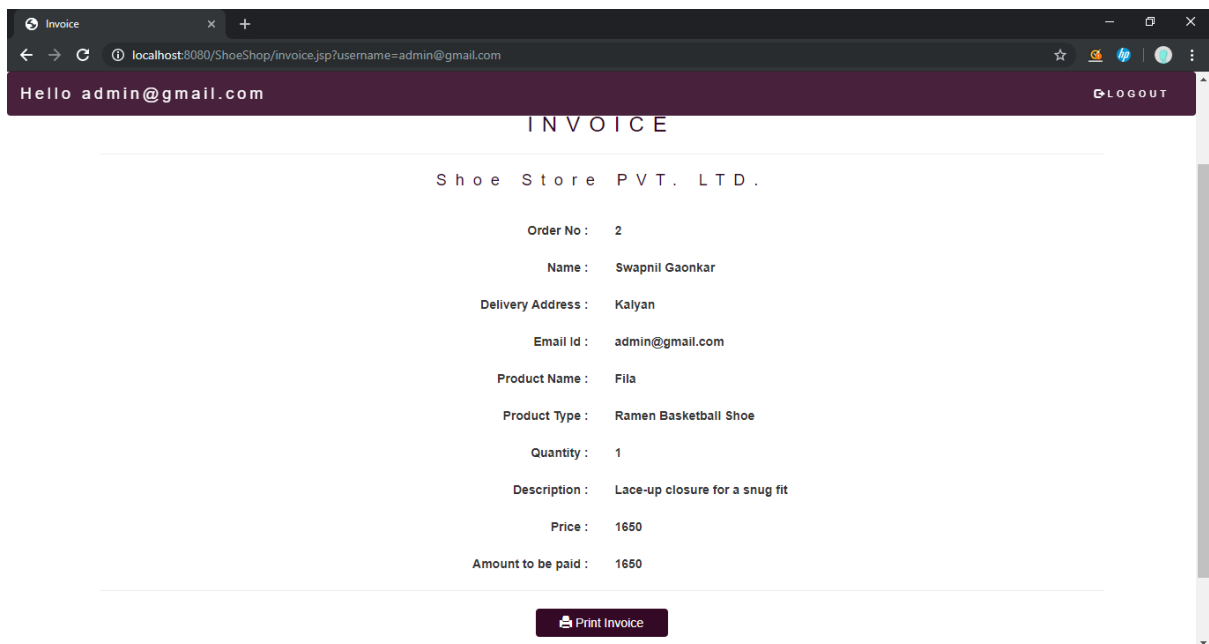
Description: Lace-up closure for a snug

Quantity: 1

[BUY](#)



## Invoice page:



## TEST CASES

**Purpose:** The System is being tested for better user satisfaction and an error free software.

**Assumptions:** We must assume that all links should be working and user can login successfully.

### Test Data

SignIn { Valid login, Invalid login, Empty }

#### Steps:

1. First enter invalid email\_id and password.

Click on Login Button.

2. Secondly check entering valid email\_id and password.

Login Successful.

3. Enter Empty Fields.

Click on Login Button.

**Comments:** If username and Passwords are correctly entered only you will be taken to next page.

# REFERENCE AND BIBLIOGRAPHY

## Books Referred:

- College Notes

## Website Referred:

- [www.youtube.com](http://www.youtube.com)
- [www.w3schools.com](http://www.w3schools.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)
- [www.javatpoint.com](http://www.javatpoint.com)