**SportShoes.Com – Specification Document**

This document contains sections for:

* [Sprint planning and Task completion](file:///C:\Users\user\Desktop\Santhi%20java%20projects\lockerspvt%20ltd%20project\LockersPvtLtd%20project\LockersPvtLtd_Project%20Specification%20document.docx#Sprint_plan)
* [Core concepts used in project](file:///C:\Users\user\Desktop\Santhi%20java%20projects\lockerspvt%20ltd%20project\LockersPvtLtd%20project\LockersPvtLtd_Project%20Specification%20document.docx#Core_concepts)
* [Demonstrating the project code and its output.](file:///C:\Users\user\Desktop\Santhi%20java%20projects\lockerspvt%20ltd%20project\LockersPvtLtd%20project\LockersPvtLtd_Project%20Specification%20document.docx#Product_capability)
* [Unique Selling Points of the Application](file:///C:\Users\user\Desktop\Santhi%20java%20projects\lockerspvt%20ltd%20project\LockersPvtLtd%20project\LockersPvtLtd_Project%20Specification%20document.docx#USP)

The code for this project is located at https://github.com/\*\*\*\*\*\*\*\*\*\*

The project is developed by Santhi mogili.

## **Sprints planning and Task completion**

The project is planned to be complete the project in 2 sprints.

Tasks to be completed in the sprint are:

* Creating the flow of the application.
* Writing the Java program to fulfill the requirements of the project.
* Testing the Java program with different kinds of User input.
* Pushing code to GitHub.
* Creating this specification document to show project code and output of project.

## **Core concepts used in project**

Springboot, devtools, logger, maven, apache tomcat server, localhost server port, classes, interfaces, webapp, jsp pages, postman, swagger UI, browser for viewing jsp pages,exception handling etc.,

## **Demonstrating the project code and output of the code.**

To demonstrate the project code, below are the sub-sections configured to highlight output of the project:

1. **Creating the project, package and class in STS**
2. **Writing a program in Java for SportShoes.com .**
3. [**Pushing the code to GitHub repository**](file:///C:\Users\user\Desktop\Santhi%20java%20projects\lockerspvt%20ltd%20project\LockersPvtLtd%20project\LockersPvtLtd_Project%20Specification%20document.docx#Step_6)

## **Step 1: Creating a new spring starter project, package classes and jsps in STS**

* Open STS
* Go to File -> New -> Spring starter project -> Name
* Type in Name-> **shoeecommercerestjpa,** in type->**Maven, in Packaging->War,** in Java **version->8,** in language**->Java,** in package**->com.ecommerce.example** and click on “Finish.”
* Select your package and go to File -> New ->Class
* Enter required clasess names and interfaces names using new Class and new Interface and click on “Finish.”
* From src->main->webapp->right click->New->Other->jsp file->type appropriate jsp name and click on “Finish.”

**Step 2: Writing a program in Java for Lockers Pvt Ltd app .**

**2.1: Admin Class**

**package com.ecommerce.example;**

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Data

@Entity

public class Admin {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int ad\_id;

private String ad\_fname;

private String ad\_lname;

private String ad\_phone;

private String ad\_mail;

private String ad\_dob;

private String ad\_pass;

}

**2.2: Admin Repo Class**

**package com.ecommerce.example;**

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

public interface AdminRepo extends JpaRepository<Admin, Integer>{

@Query("select admin from Admin admin where admin.ad\_fname=?1 and admin.ad\_pass=?2")

public Admin findbyfnamepass(String ad\_fname, String ad\_pass);

@Query("select admin from Admin admin where admin.ad\_fname=?1")

public List<Admin> findbyname(String ad\_fname);

@Query("select ad from Admin ad where ad.ad\_phone=?1")

public List<Admin> findByAdPhone(String ad\_phone);

@Query("select ad from Admin ad where ad.ad\_pass=?1")

public String findByAdPassword(String ad\_pass);

}

**2.3: Admin DAO Class**

**package com.ecommerce.example;**

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

public class AdminDAO {

@Autowired

AdminRepo ad\_repo;

//REGISTREATION-OF-ADMIN

public Admin ad\_insert(Admin a)

{

return ad\_repo.save(a);

}

}

**2.4:Shoe Class**

**package com.ecommerce.example;**

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Data

@Entity

public class Shoe {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int shoe\_id;

private String shoe\_code;

private String shoe\_name;

private String shoe\_brand;

private String shoe\_price;

private String sell\_date;

}

**2.5: Shoe Repo Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

public interface ShoeRepo extends JpaRepository<Shoe, Integer> {

@Query("select sh from Shoe sh where sh.sell\_date=?1")

public List<Shoe> getByDate(String sell\_date);

@Query("select sh from Shoe sh where sh.shoe\_id=?1")

public List<Shoe> getById(int id);

}

**2.6: Shoe DAO Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

public class ShoeDAO {

@Autowired

ShoeRepo shoe\_repo;

//INSERT PRODUCT for restcontroller

public Shoe insert\_shoe(Shoe s)

{

return shoe\_repo.save(s);

}

//insert list of products for restcontroller

public List<Shoe> insertall\_shoes(List<Shoe> s) {

return shoe\_repo.saveAll(s);

}

//Get PRODUCT LIST for restcontroller

public List<Shoe> getallshoes()

{

return shoe\_repo.findAll();

}

//delete product for restcontroller

public String deletebyid(int id) {

shoe\_repo.deleteById(id);

return "record got deleted" +id;

}

// update product for restcontroller

public Shoe updateShoe(Shoe us) {

Shoe existingProduct=shoe\_repo.findById(us.getShoe\_id()).orElse(null);

existingProduct.setShoe\_name(us.getShoe\_name());

existingProduct.setShoe\_code(us.getShoe\_code());

existingProduct.setShoe\_brand(us.getShoe\_brand());

existingProduct.setShoe\_price(us.getShoe\_price());

existingProduct.setSell\_date(us.getSell\_date());

shoe\_repo.save(existingProduct);

return existingProduct;

}

//delete product for controller

public String delete(Shoe s) {

shoe\_repo.delete(s);

return "shoe record got deleted !!" ;

}

// update product for controller

public Shoe Update\_shoe(Shoe us) {

Shoe existingProduct=shoe\_repo.findById(us.getShoe\_id()).orElse(null);

existingProduct.setShoe\_name(us.getShoe\_name());

existingProduct.setShoe\_code(us.getShoe\_code());

existingProduct.setShoe\_brand(us.getShoe\_brand());

existingProduct.setShoe\_price(us.getShoe\_price());

existingProduct.setSell\_date(us.getSell\_date());

shoe\_repo.save(existingProduct);

return existingProduct;

}

//SEARCH Shoe BY Sell Date

public List<Shoe> findBySellDate(String sell\_date)

{

return shoe\_repo.getByDate(sell\_date);

}

}

**2.7: User Class**

package com.ecommerce.example;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Data

@Entity

public class User {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int user\_id;

private String user\_fname;

private String user\_lname;

private String user\_phone;

private String user\_mail;

private String user\_dob;

private String user\_pass;

}

**2.8: User DAO Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

public class UserDAO {

@Autowired

UserRepo u\_repo;

//USER-INSERTION-CODE

public User user\_insert(User u)

{

return u\_repo.save(u);

}

public List<User> user\_insertall(List<User> us) {

return u\_repo.saveAll(us);

}

//GET-REGISTERED-UER'S-LIST

public List<User> user\_getAll() {

// TODO Auto-generated method stub

return u\_repo.findAll();

}

//SEARCH USER BY FIRST NAME

public List<User> findByName(String user\_fname)

{

return u\_repo.findByName(user\_fname);

}

//THIS CODE GIVES RETURN PASSWORD FOR USER USING PHONE NUMBER

public List<User> forget\_pass(String user\_phone)

{

return u\_repo.findByPhone(user\_phone);

}

public User updateUser(User uu) {

User existingUser=u\_repo.findById(uu.getUser\_id()).orElse(null);

existingUser.setUser\_fname(uu.getUser\_fname());

existingUser.setUser\_lname(uu.getUser\_lname());

existingUser.setUser\_phone(uu.getUser\_phone());

existingUser.setUser\_mail(uu.getUser\_mail());

existingUser.setUser\_dob(uu.getUser\_dob());

existingUser.setUser\_pass(uu.getUser\_pass());

u\_repo.save(existingUser);

return existingUser;

}

public String deleteuserbyid(int id) {

u\_repo.deleteById(id);

return "user record got deleted !!" +id;

}

}

**2.9: User Repo Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

public interface UserRepo extends JpaRepository<User, Integer> {

@Query("select user from User user where user.user\_fname=?1 and user.user\_pass=?2")

public User findbyfnamepass(String user\_fname, String user\_pass);

@Query("select user from User user where user.user\_fname=?1")

public User findbyname(String user\_fname);

@Query("select u from User u where u.user\_fname=?1")

public List<User> findByName(String user\_fname);

@Query("select up from User up where up.user\_phone=?1")

public List<User> findByPhone(String user\_phone);

}

**2.10: Bank Class**

package com.ecommerce.example;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Data

@Entity

public class Bank {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int bank\_Id;

private String Bank\_balance;

}

**2.11: Bank DAO Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

public class BankDAO {

@Autowired

BankRepo b\_repo;

public Bank b\_insert(Bank b)

{

return b\_repo.save(b);

}

//insert list of bank id's for restcontroller

public List<Bank> insertall\_ids(List<Bank> b) {

return b\_repo.saveAll(b);

}

}

**2.12: Bank Repo Class**

package com.ecommerce.example;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

public interface BankRepo extends JpaRepository<Bank, Integer> {

@Query("select b from Bank b where b.bank\_Id=?1 and b.Bank\_balance=2")

public List<Bank> getByIdAndBalance(int bank\_Id,String Bank\_balance);

}

**2.13: Errormsg Class**

package com.ecommerce.example;

import java.util.Date;

import lombok.AllArgsConstructor;

import lombok.Data;

import lombok.NoArgsConstructor;

@Data

@AllArgsConstructor

@NoArgsConstructor

public class ErrorMsg {

private Date timestamp;

private String errormsg;

private String path;

}

**2.14: GlobalExceptionHandler Class For ExceptionHandling**

package com.ecommerce.example;

import java.util.Date;

import org.springframework.http.HttpStatus;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.ControllerAdvice;

import org.springframework.web.bind.annotation.ExceptionHandler;

import org.springframework.web.context.request.WebRequest;

@ControllerAdvice

public class GlobalExceptionHandler {

//general exception handler

@ExceptionHandler(Exception.class)

public ResponseEntity<?> handleNotFoundException(Exception exception,WebRequest request){

ErrorMsg details=new ErrorMsg(new Date(),exception.getMessage(),request.getDescription(false) );

return new ResponseEntity<>(details,HttpStatus.INTERNAL\_SERVER\_ERROR);

}

}

**2.15: SecurityConfig Class for Spring Security**

package com.ecommerce.example;

import org.springframework.context.annotation.Bean;

import org.springframework.security.config.annotation.authentication.builders.AuthenticationManagerBuilder;

import org.springframework.security.config.annotation.web.builders.HttpSecurity;

import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;

import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurerAdapter;

import org.springframework.security.crypto.password.NoOpPasswordEncoder;

import org.springframework.security.crypto.password.PasswordEncoder;

@EnableWebSecurity

public class SecurityConfig extends WebSecurityConfigurerAdapter {

@Override

protected void configure(AuthenticationManagerBuilder auth) throws Exception {

auth.inMemoryAuthentication()

.withUser("admin")

.password("admin")

.roles("ADMIN");

}

//no password encoder used

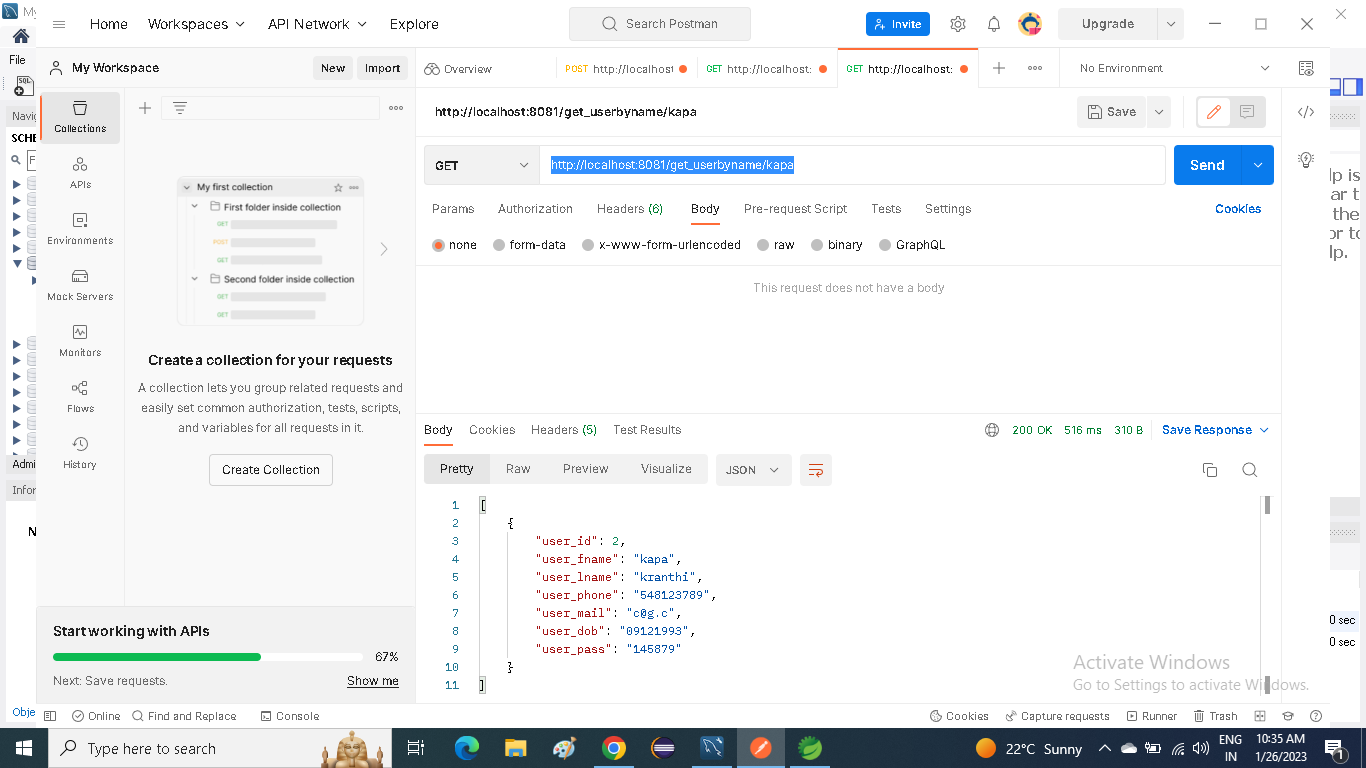
@Bean

public PasswordEncoder getpassword() {

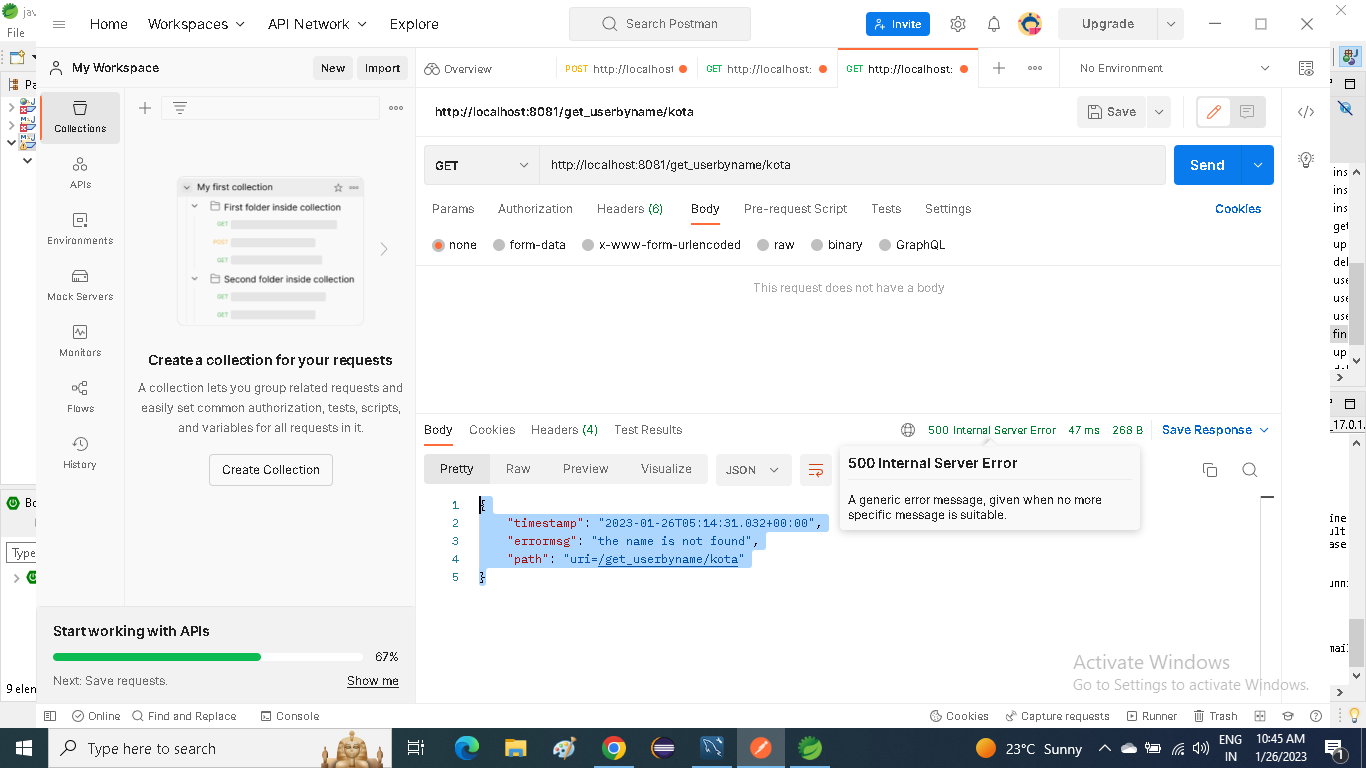
return NoOpPasswordEncoder.getInstance();

}

**Ouput without Exception**



**Ouput with Exception**

****

**2.16: All Controller Class for Backend Operations**

package com.ecommerce.example;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.web.bind.annotation.DeleteMapping;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.PostMapping;

import org.springframework.web.bind.annotation.PutMapping;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RestController;

@RestController

public class AllController {

@Autowired

ShoeDAO shoe\_dao;

@Autowired

ShoeRepo shoe\_repo;

@Autowired

AdminDAO ad\_dao;

@Autowired

AdminRepo ad\_repo;

@Autowired

UserDAO u\_dao;

@Autowired

UserRepo u\_repo;

@Autowired

BankRepo b\_repo;

@Autowired

BankDAO b\_dao;

//Single Bank insert

@PostMapping("/insert\_bank")

public Bank insert\_bank(@RequestBody Bank b)

{

return b\_dao.b\_insert(b);

}

@PostMapping("/insert\_bank\_list")

public List<Bank> insertall\_ids(@RequestBody List<Bank> b) {

return b\_dao.insertall\_ids(b);

}

//Single product insert

@PostMapping("/insert\_shoe")

public Shoe insert\_shoe(@RequestBody Shoe s)

{

return shoe\_dao.insert\_shoe(s);

}

//PRODUCT LIST Insert

@PostMapping("/insert\_shoe\_list")

public List<Shoe> insertall\_shoes(@RequestBody List<Shoe> s) {

return shoe\_dao.insertall\_shoes(s);

}

//Get PRODUCT LIST

@GetMapping("/get\_all\_shoe\_list")

public List<Shoe> getallshoes()

{

return shoe\_dao.getallshoes();

}

@PutMapping("/update\_shoe")

public Shoe updateShoe(@RequestBody Shoe us) {

return shoe\_dao.updateShoe(us);

}

@DeleteMapping("/shoe\_delete/{id}")

public String deletebyid(@PathVariable int id) {

return shoe\_dao.deletebyid(id);

}

/\* User operations start\*/

@PostMapping("/insert\_user")

public User user\_insert(@RequestBody User u)

{

return u\_dao.user\_insert(u);

}

@PostMapping("/insert\_userlist")

public List<User> user\_insertall(@RequestBody List<User> us)

{

return u\_dao.user\_insertall(us);

}

@GetMapping("/get\_userlist")

public List<User> user\_getall()

{

return u\_dao.user\_getAll();

}

@GetMapping("/get\_userbyname/{user\_fname}")

public List<User> findByName(@PathVariable String user\_fname)throws Exception{

if(u\_dao.findByName(user\_fname).isEmpty()) {

throw new Exception("the name is not found");

}

else {

return u\_dao.findByName(user\_fname);

}

}

@PutMapping("/update\_user")

public User updateUser(@RequestBody User uu) {

return u\_dao.updateUser(uu);

}

@DeleteMapping("/user\_delete/{id}")

public String deleteuserbyid(@PathVariable int id) {

return u\_dao.deleteuserbyid(id);

}

}

**2.17: Admin Controller Class for Frontend Operations**

package com.ecommerce.example;

import java.util.List;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.ResponseBody;

import org.springframework.web.servlet.ModelAndView;

import org.springframework.web.servlet.view.RedirectView;

@Controller

public class AdminController {

@Autowired

ShoeDAO shoe\_dao;

@Autowired

ShoeRepo shoe\_repo;

@Autowired

AdminDAO ad\_dao;

@Autowired

AdminRepo ad\_repo;

@Autowired

UserDAO u\_dao;

@Autowired

UserRepo u\_repo;

@Autowired

BankRepo b\_repo;

@Autowired

BankDAO b\_dao;

@ResponseBody

@RequestMapping("/")

public ModelAndView displayadminpage(HttpServletRequest request,HttpServletResponse response) {

ModelAndView mv=new ModelAndView();

mv.setViewName("index.jsp");

return mv;

}

@RequestMapping("/reg\_admin")

public ModelAndView ad\_insert(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

Admin a = new Admin();

a.setAd\_fname(req.getParameter("ad\_fname"));

a.setAd\_lname(req.getParameter("ad\_lname"));

a.setAd\_phone(req.getParameter("ad\_phone"));

a.setAd\_mail(req.getParameter("ad\_mail"));

a.setAd\_dob(req.getParameter("ad\_dob"));

a.setAd\_pass(req.getParameter("ad\_pass"));

Admin aa = ad\_dao.ad\_insert(a);

if(aa!=null)

{

mv.setViewName("ad\_reg\_succ.jsp");

}

return mv;

}

//ADMIN LOGIN

@RequestMapping("/ad\_login")

public ModelAndView ad\_loginbyname(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv=new ModelAndView();

String ad\_fname = req.getParameter("ad\_fname");

String ad\_pass= req.getParameter("ad\_pass");

Admin ad=ad\_repo.findbyfnamepass(ad\_fname, ad\_pass);

if(ad!=null)

{

mv.setViewName("ad\_login\_succ.jsp");

}else

{

String msg="Check Crediantials";

mv.addObject("msg",msg);

mv.setViewName("admin\_login\_fail.jsp");

}return mv;

}

//ADMIN CAN GET FORGOT PASSWORD USING REGISTERED MOBILE NUMBER

@RequestMapping("forget\_ad\_pass")

public ModelAndView forget\_ad\_pass(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

String ad\_phone = req.getParameter("ad\_phone");

List<Admin> pass\_list = ad\_repo.findByAdPhone(ad\_phone);

mv.setViewName("get\_admin\_pass.jsp");

mv.addObject("pass\_list",pass\_list);

return mv;

}

//ADMIN CAN GET SHOE LIST

@ResponseBody

@RequestMapping("/get\_report")

public ModelAndView report(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

List<Shoe> r\_list = shoe\_repo.findAll();

mv.setViewName("shoe\_list.jsp");

mv.addObject("r\_list",r\_list);

return mv;

}

//ADMIN can get user list

@RequestMapping("/get\_user")

public ModelAndView search\_user(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

List<User> u\_list = u\_repo.findAll();

mv.setViewName("user\_list.jsp");

mv.addObject("u\_list", u\_list);

return mv;

}

//insert shoe by Admin

private final String FOLDER\_PATH="D:\\img\\";

@RequestMapping("/insert\_shoe")

public ModelAndView ad\_shoe\_insert(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

Shoe sh=new Shoe();

sh.setShoe\_name(req.getParameter("shoe\_name"));

sh.setShoe\_code(req.getParameter("shoe\_code"));

sh.setShoe\_brand(req.getParameter("shoe\_brand"));

sh.setShoe\_price(req.getParameter("shoe\_price"));

sh.setSell\_date(req.getParameter("shoe\_selldate"));

Shoe s=shoe\_dao.insert\_shoe(sh);

if(s!=null) {

mv.setViewName("shoe\_inserted\_succ.jsp");

}

return mv;

}

//delete shoe by admin

@RequestMapping("/Delete\_shoe")

public ModelAndView ad\_shoe\_delete(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

Shoe sh=new Shoe();

sh.setShoe\_id(Integer.parseInt(req.getParameter("shoe\_id")));

String sd=shoe\_dao.delete(sh);

if(sd!=null) {

mv.setViewName("shoe\_deleted.jsp");

}

return mv;

}

//update shoe by admin

@RequestMapping("/Update\_shoe")

public ModelAndView ad\_shoe\_update(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

Shoe sh=new Shoe();

sh.setShoe\_id(Integer.parseInt(req.getParameter("shoe\_id")));

sh.setShoe\_name(req.getParameter("shoe\_name"));

sh.setShoe\_code(req.getParameter("shoe\_code"));

sh.setShoe\_brand(req.getParameter("shoe\_brand"));

sh.setShoe\_price(req.getParameter("shoe\_price"));

sh.setSell\_date(req.getParameter("sell\_date"));

Shoe sd=shoe\_dao.updateShoe(sh);

if(sd!=null) {

mv.setViewName("shoe\_updated.jsp");

}

return mv;

}

@RequestMapping("/reg\_user")

public ModelAndView user\_insert(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

User u = new User();

u.setUser\_fname(req.getParameter("user\_fname"));

u.setUser\_lname(req.getParameter("user\_lname"));

u.setUser\_phone(req.getParameter("user\_phone"));

u.setUser\_mail(req.getParameter("user\_mail"));

u.setUser\_dob(req.getParameter("user\_dob"));

u.setUser\_pass(req.getParameter("user\_pass"));

User uu = u\_dao.user\_insert(u);

if(uu!=null)

{

mv.setViewName("user\_reg\_succ.jsp");

}

return mv;

}

//USER LOGIN

@ResponseBody

@RequestMapping("/user\_login")

public ModelAndView user\_login(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

String user\_fname = req.getParameter("user\_fname");

String user\_pass = req.getParameter("user\_pass");

User u=u\_repo.findbyfnamepass(user\_fname, user\_pass);

if(u!=null)

{

mv.setViewName("user\_login\_succ.jsp");

}else

{

mv.setViewName("user\_login\_fail.jsp");

}return mv;

}

//USER CAN FORGET HIS PASSWORD USING PHONENUMBER

@ResponseBody

@RequestMapping("/forget\_pass")

public ModelAndView forget\_pass(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

String user\_phone = req.getParameter("user\_phone");

List<User> u\_pass = u\_dao.forget\_pass(user\_phone);

mv.setViewName("get\_user\_pass.jsp");

mv.addObject("u\_pass",u\_pass);

return mv;

}

//User CAN GET SHOE LIST

@ResponseBody

@RequestMapping("/get\_shoelist")

public ModelAndView shoe\_list(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

List<Shoe> r\_list = shoe\_repo.findAll();

mv.setViewName("ushoe\_list.jsp");

mv.addObject("r\_list",r\_list);

return mv;

}

//User CAN GET buy from SHOE LIST

@ResponseBody

@RequestMapping("/buy\_shoe")

public ModelAndView shoe\_buy(HttpServletRequest req, HttpServletResponse res)

{

ModelAndView mv = new ModelAndView();

int bank\_id=(Integer.parseInt(req.getParameter("bank\_id")));

String Bank\_balance = req.getParameter("Bank\_balance");

List<Bank> r\_list = b\_repo.getByIdAndBalance(bank\_id, Bank\_balance);

mv.setViewName("buy\_list.jsp");

mv.addObject("b\_list",r\_list);

return mv;

}

}

**2.18: Index.jsp for view on browser localhost :8081 and created tables in sql database db14**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Welcome to Sporty shoes.com</title>

</head>

<body>

<h1>Welcome to Sporty shoes.com</h1><br><br>

<h2>Log into Admin account<a class=*"log"* href=*"admin\_login.jsp"*> Login Admin</a><br><br>

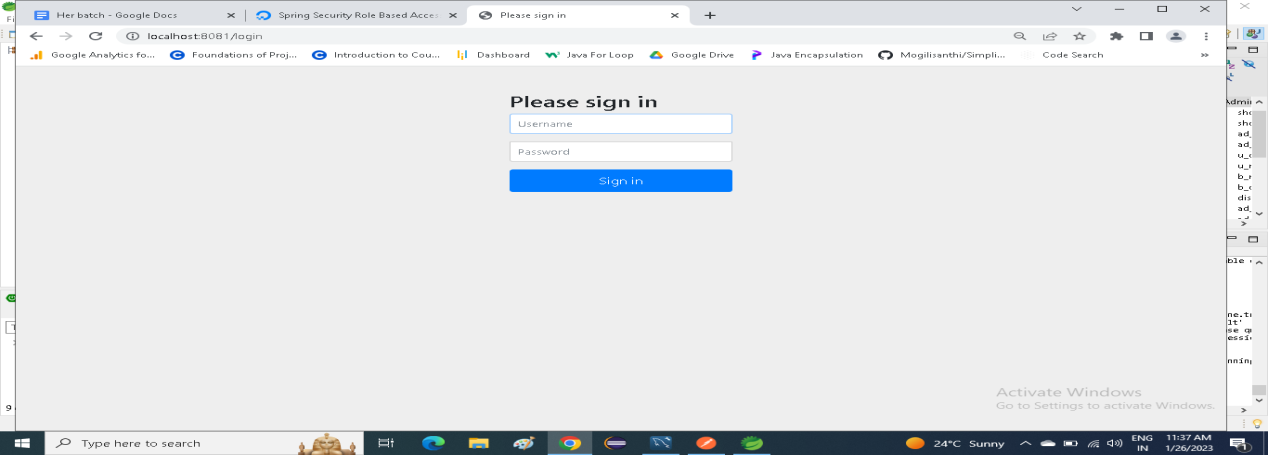
Log into User account<a class=*"log"* href=*"user\_login.jsp"*> Login User</a></h2><br><br><br><br>

</body>

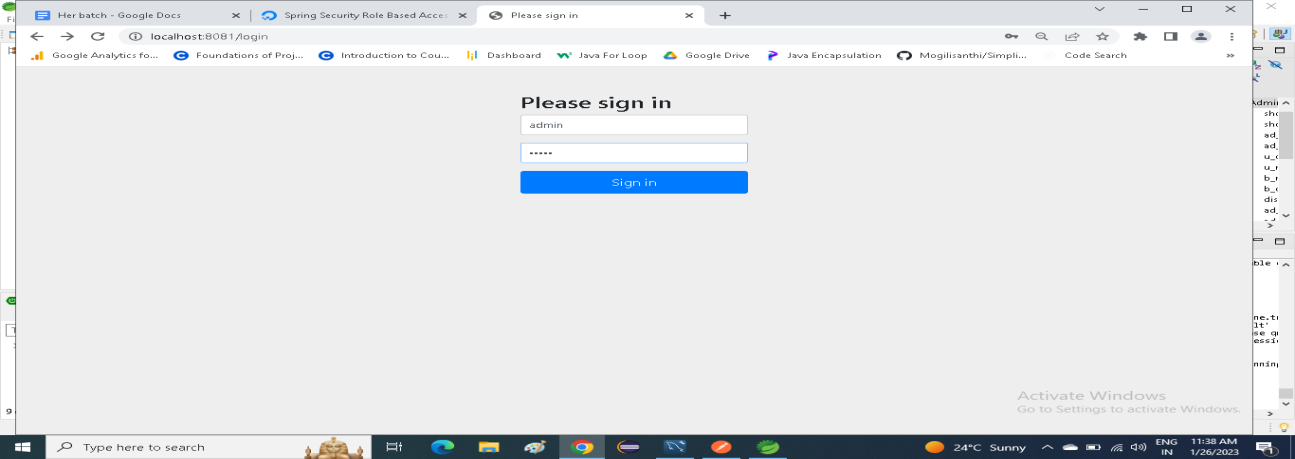
</html>

OUTPUT View:

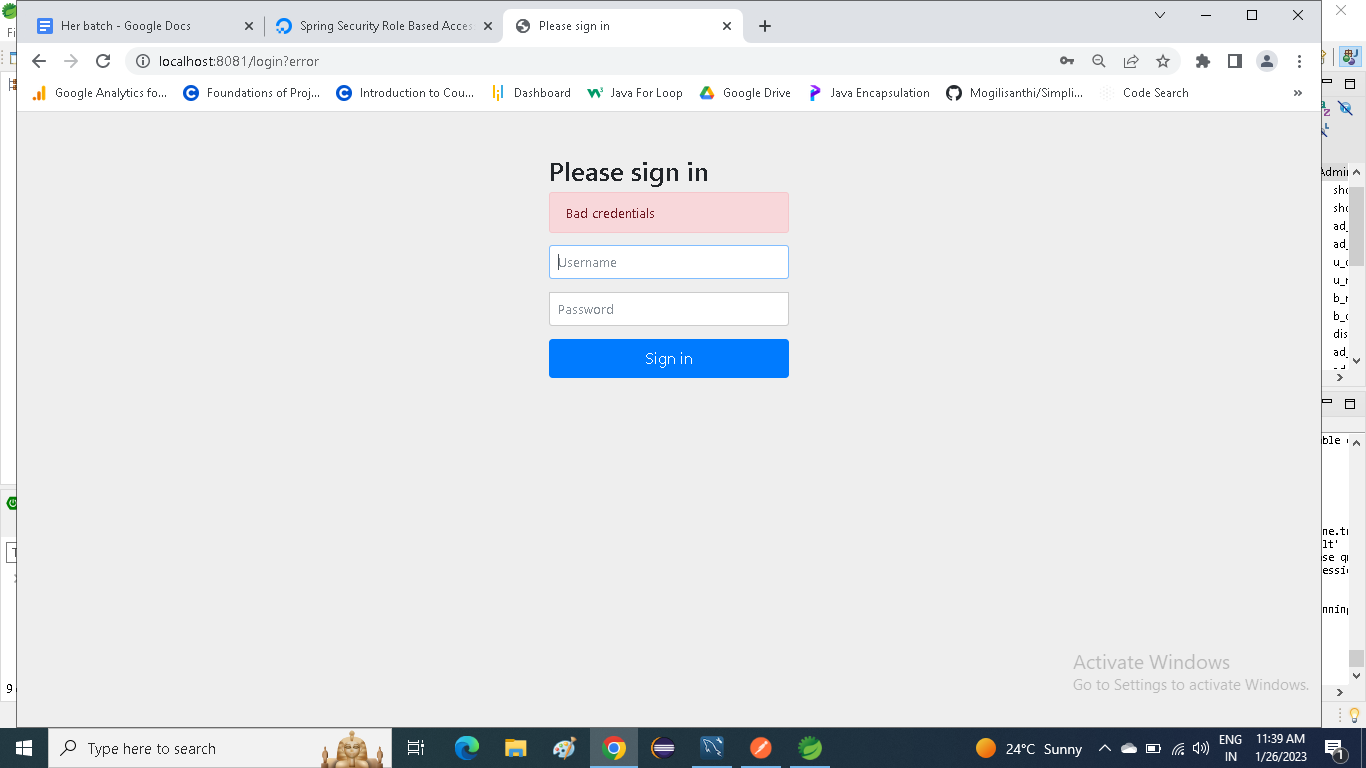
Spring Security added for admin login ouput



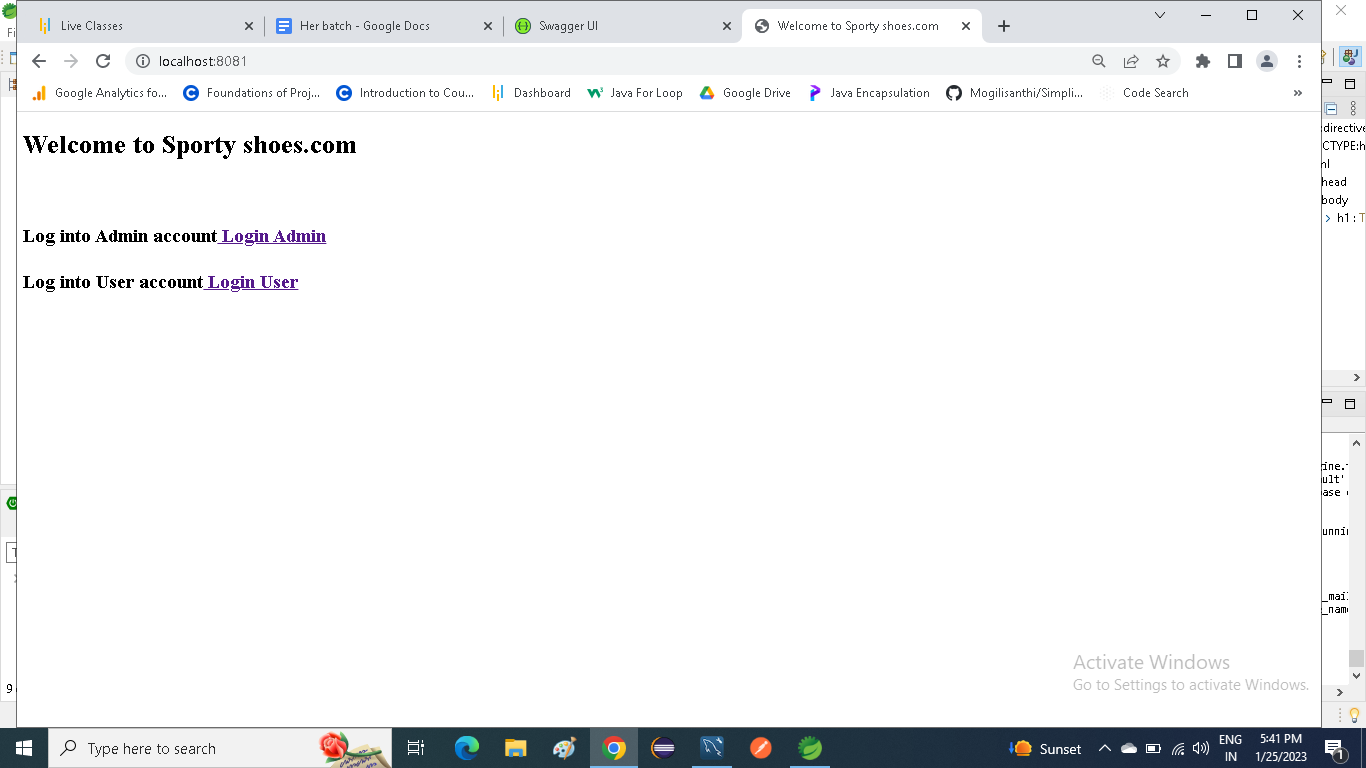
Spring Security added for admin as username and password ouput



Spring Security added for admin as username and password with wrong credentials ouput



After Security the index page ouput



**2.18: Login Admin.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"ad\_login"*>

Username <input type=*"text"* name=*"ad\_fname"*><br>

Password <input type=*"text"* name=*"ad\_pass"*><br>

<input class=*"btn"* type=*"submit"* value=*"Log In"*><br><br>

<a href=*"admin\_forgot\_pass.jsp"*>Forgot Password</a><br><br>

<i>click on below link for registration</i>

<a href=*"admin\_loginreg.jsp"*>register here ...</a><br><br>

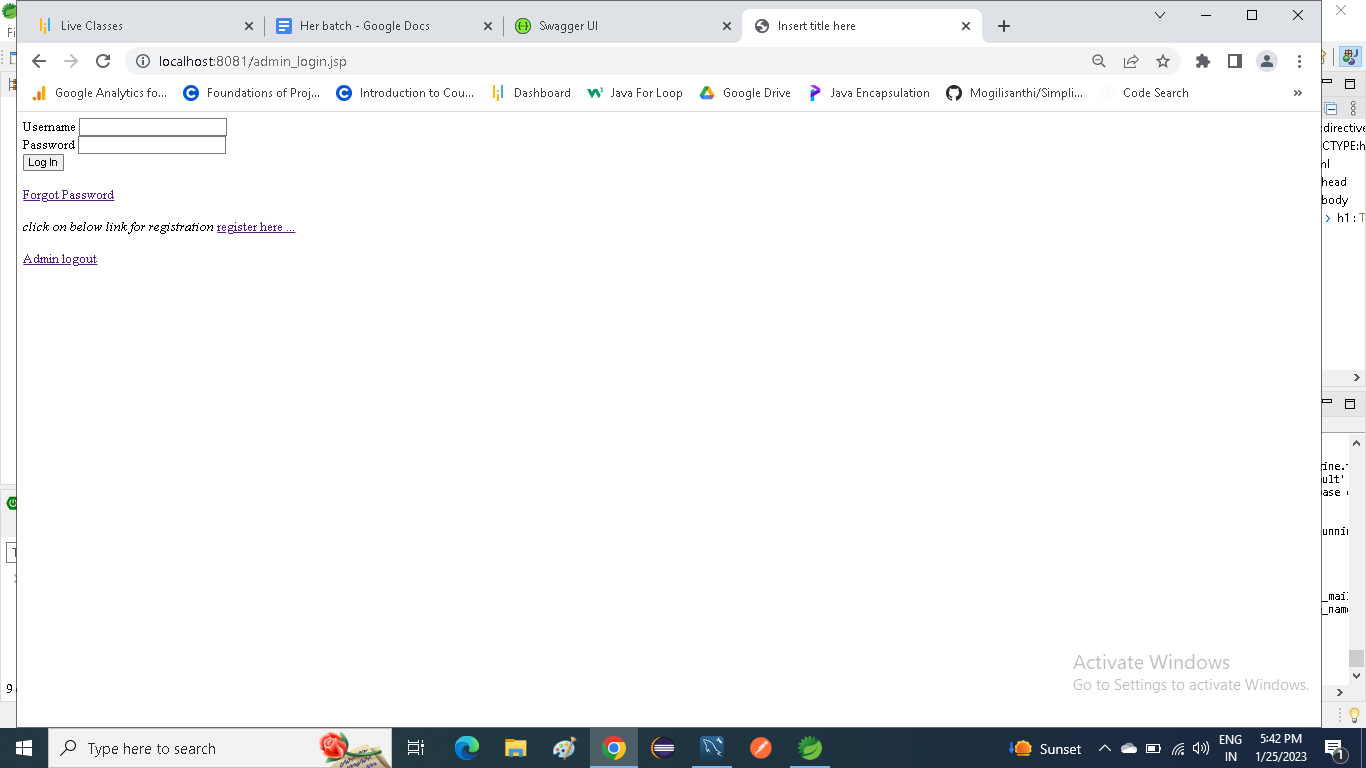
<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</form>

</body>

</html>

**Login Admin page ouput**



**2.19: Login\_admin\_succes.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>\_

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1>Admin login Sucessfully</h1>

<a href=*"ad\_shoe\_insert.jsp"*>Insert Shoe </a><br><br>

<a href=*"./get\_report"*>Get Shoe List</a><br><br>

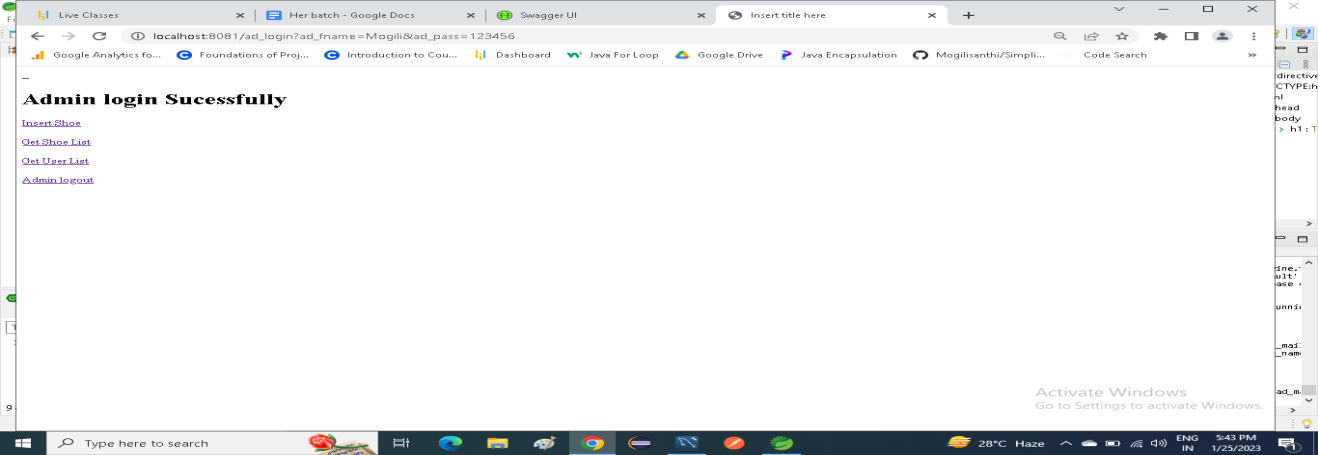
<a href=*"./get\_user"*>Get User List</a><br><br>

<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</body>

</html>

Output



**2.20: Login\_admin\_fail.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1><i>login failed check your credentials or register</i></h1>

<%@include file=*"admin\_login.jsp"* %>

</body>

</html>

Output

**2.20: admin\_forgot\_password.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"forget\_ad\_pass"*>

Admin\_phonenumber<input type=*"text"* name=*"ad\_phone"* placeholder=*"Enter registered phone number"* required=*"required"*>

<input class=*"btn"* type=*"submit"* value=*"Get Password"*>

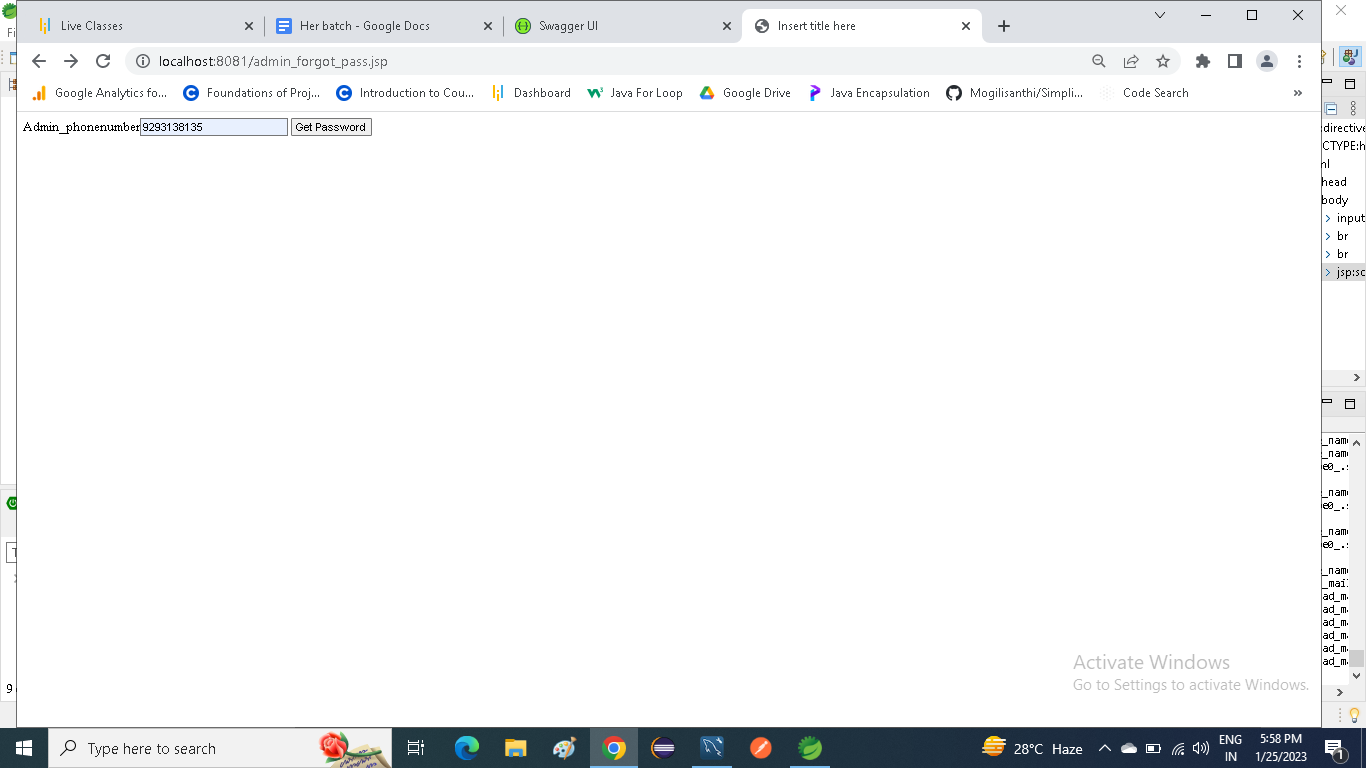
<a href=*"get\_admin\_pass.jsp"*></a><br><br>

</form>

</body>

</html>

Output



**2.21: admin\_get\_password.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<% List<Admin> pass = (List<Admin>)request.getAttribute("pass\_list"); %>

<table border=*"1"*>

<tr><th>Password</th></tr>

<% **for**(Admin aa : pass ) { %>

<tr><td><%= aa.getAd\_pass()%></td></tr>

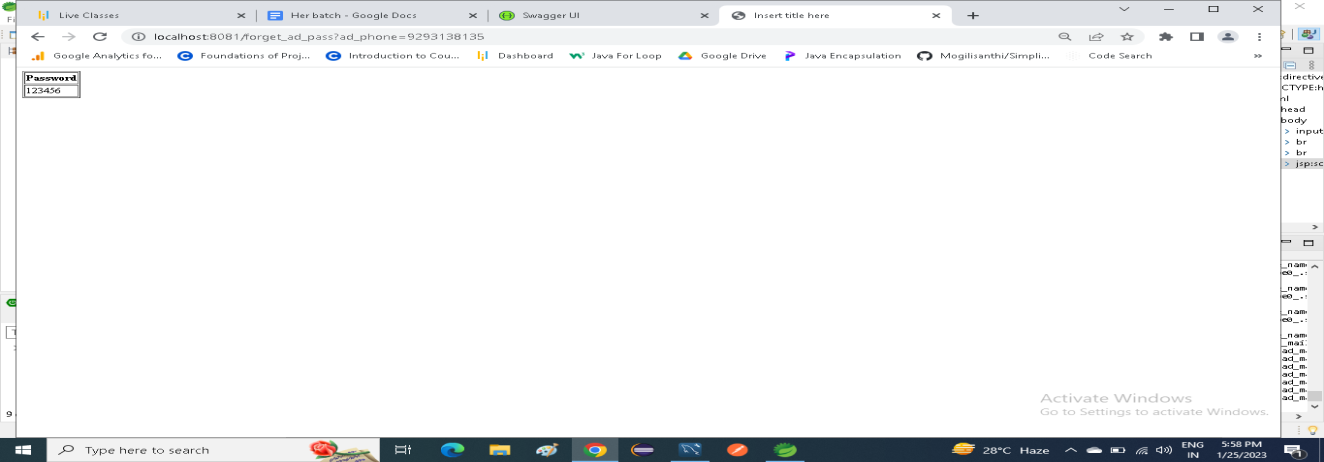
<%} %>

</table>

</body>

</html>

Output



**2.22: admin\_loginreg.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"reg\_admin"*>

Admin\_Id<input type=*"text"* name=*"ad\_id"*><br>

Firstname <input type=*"text"* name=*"ad\_fname"*><br>

Lasttname <input type=*"text"* name=*"ad\_lname"*><br>

Phonenumber <input type=*"text"* name=*"ad\_phone"*><br>

Mail <input type=*"text"* name=*"ad\_mail"*><br>

DateOfBirth <input type=*"text"* name=*"ad\_dob"*><br>

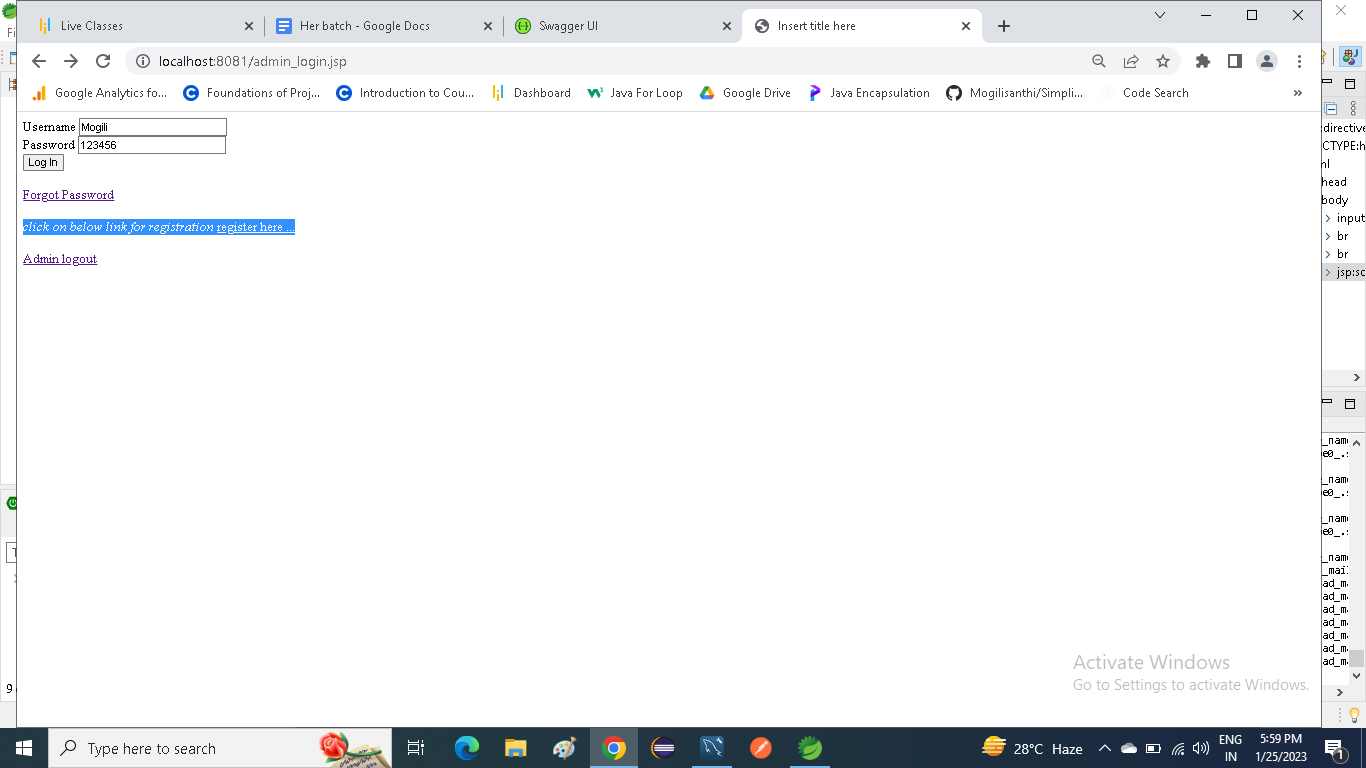
Password <input type=*"text"* name=*"ad\_pass"*><br>

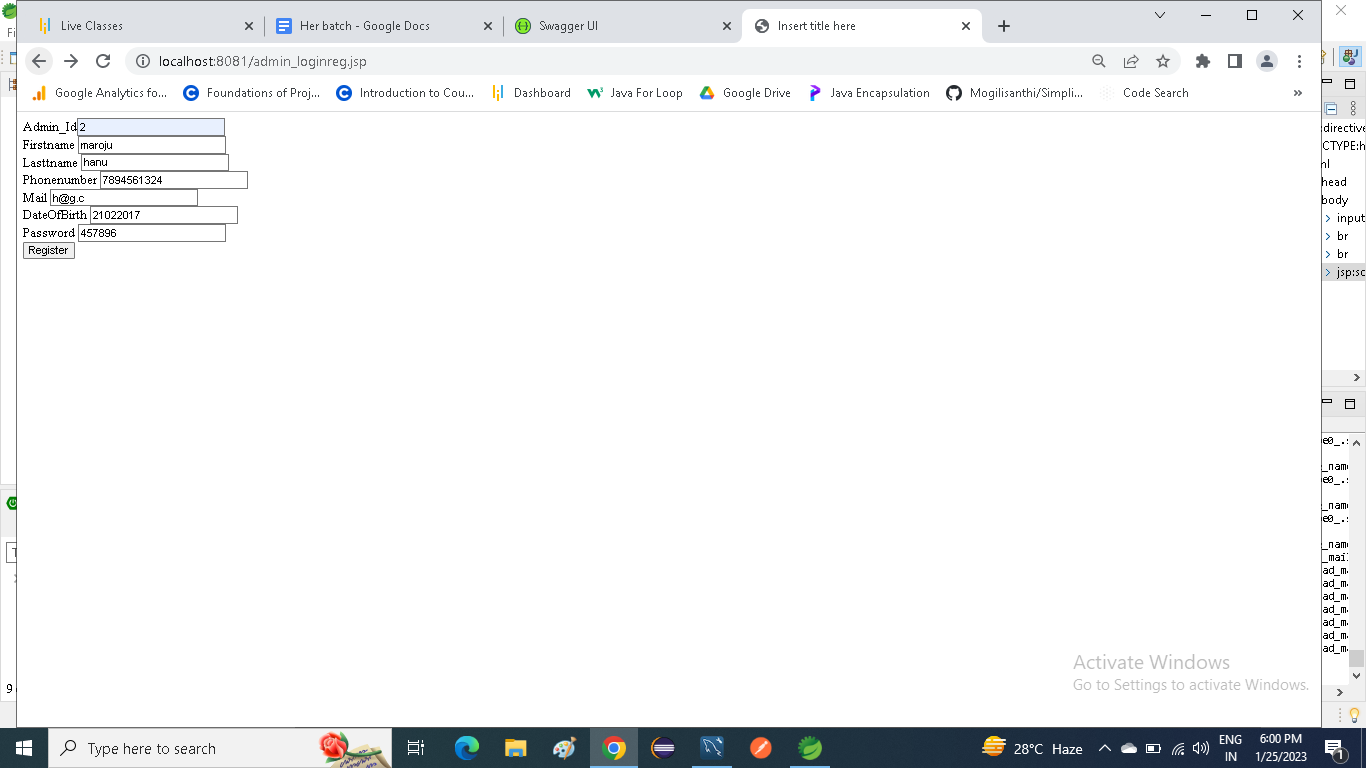
<input class=*"btn"* type=*"submit"* value=*"Register"*>

</form>

</body>

</html>

****



**2.22: admin\_reg\_succ.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

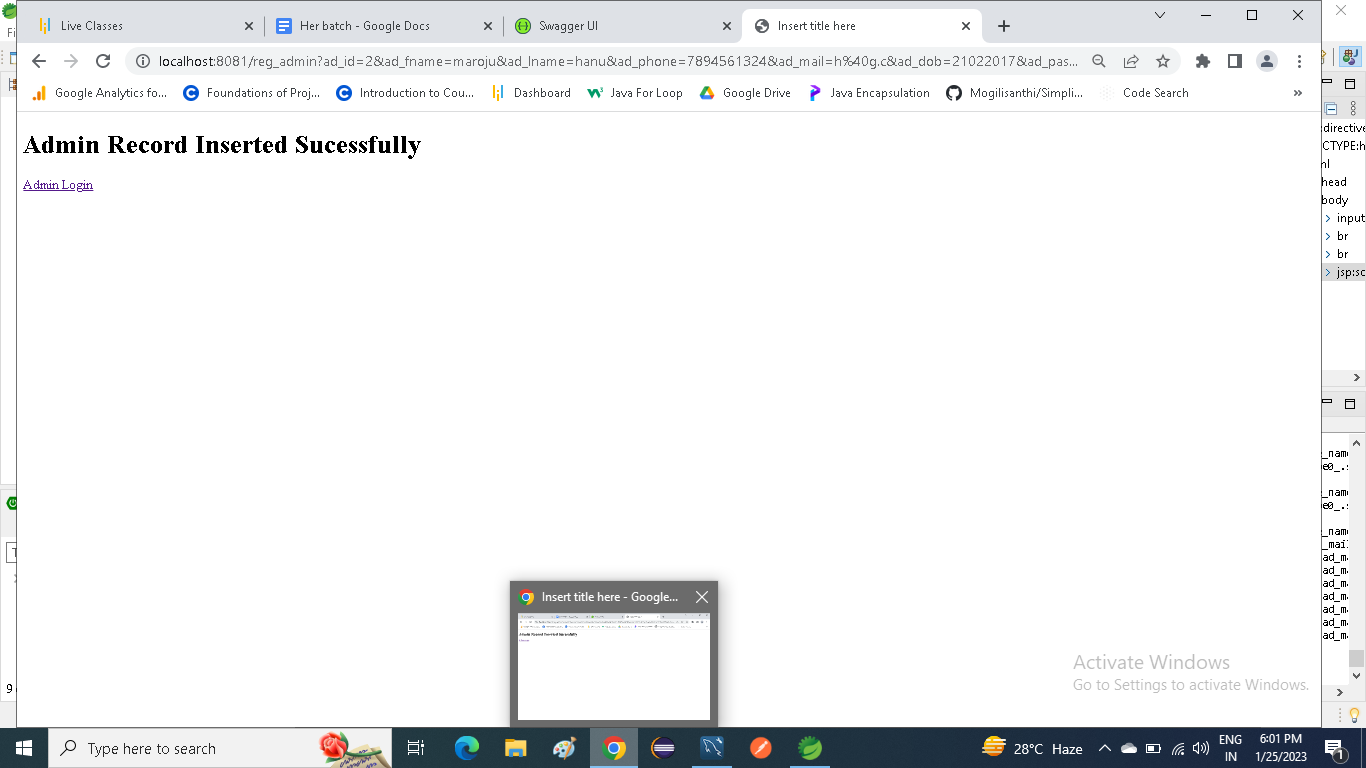
<body>

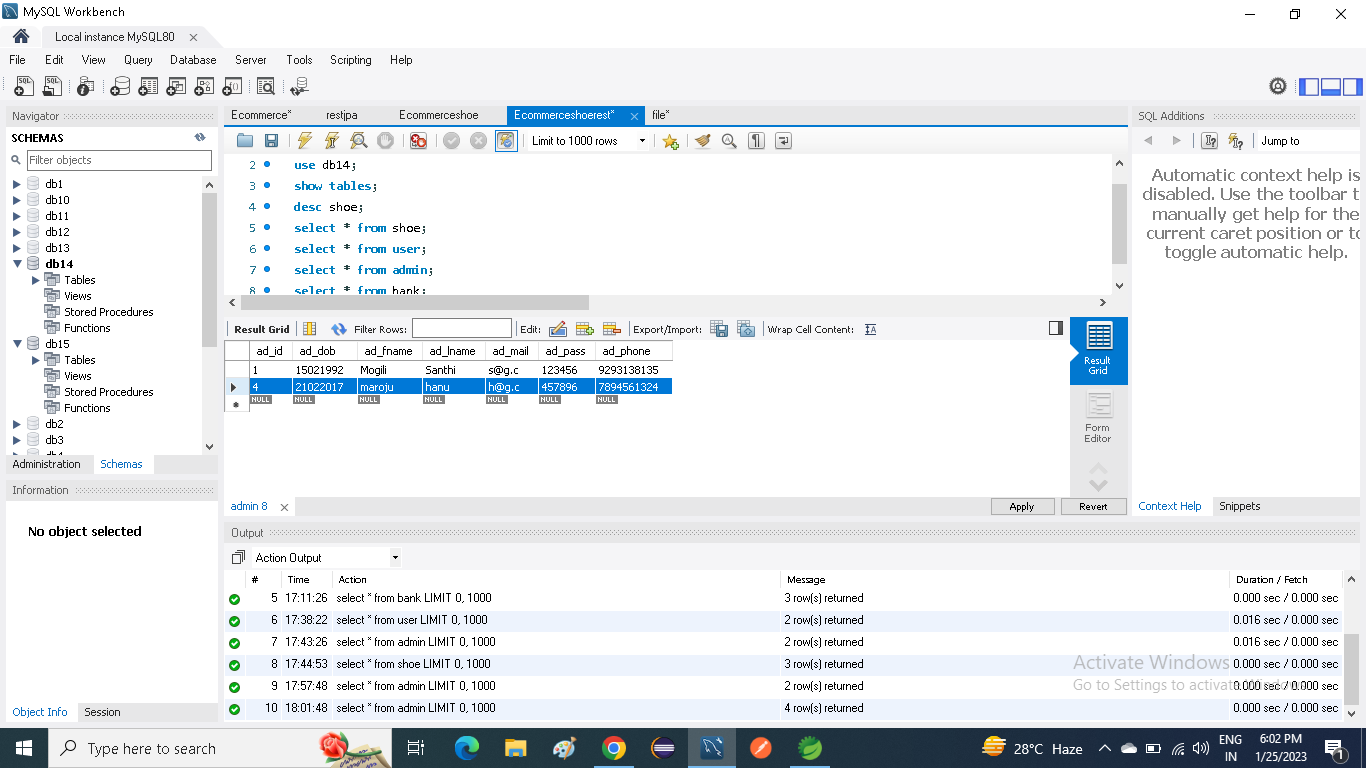
<h1>Admin Record Inserted Sucessfully</h1>

<a href=*"admin\_login.jsp"*>Admin Login</a><br><br>

</body>

</html>

****



**2.23: admin\_shoe\_insert.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1>Insert shoe record from here</h1>

<form action=*"insert\_shoe"*>

shoe\_name<input type=*"text"* name=*"shoe\_name"*><br>

shoe\_code<input type=*"text"* name=*"shoe\_code"*><br>

shoe\_price<input type=*"text"* name=*"shoe\_price"*><br>

shoe\_brand<input type=*"text"* name=*"shoe\_brand"*><br>

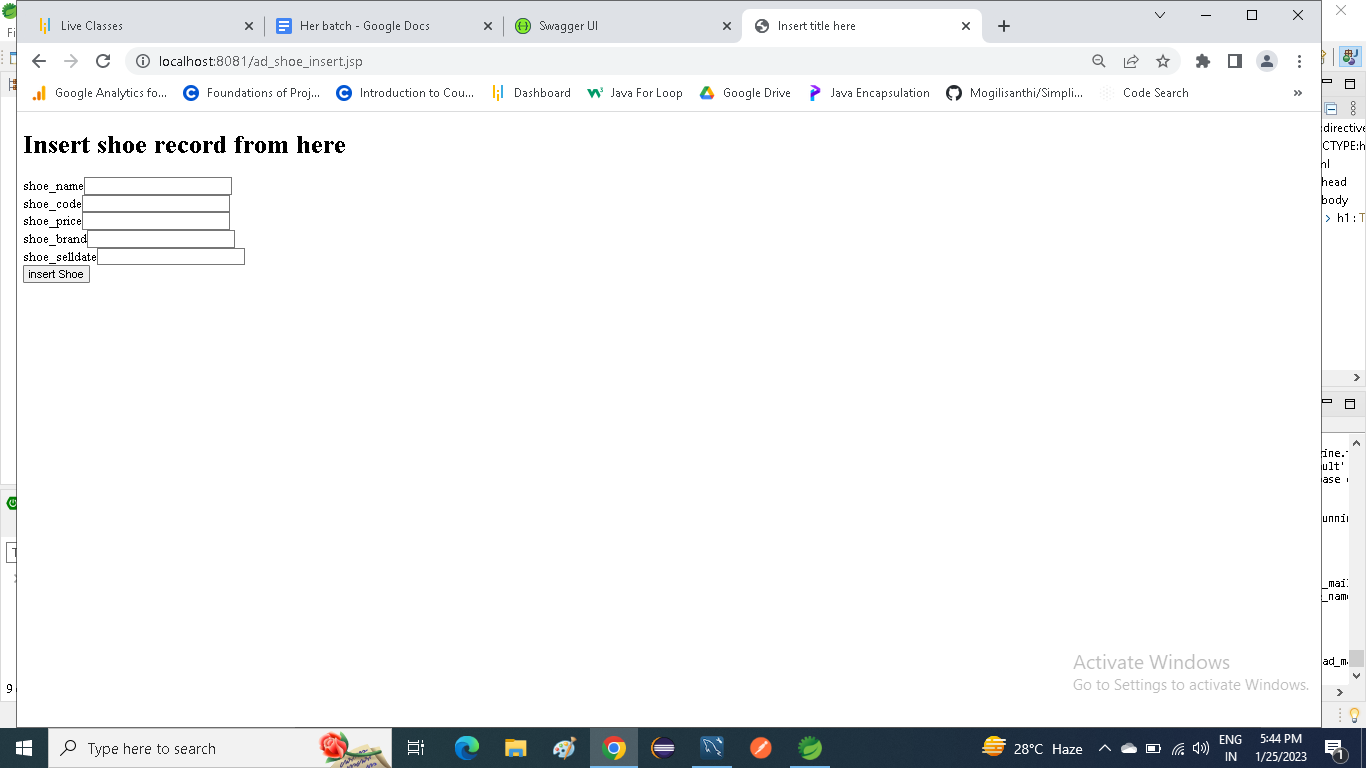
shoe\_selldate<input type=*"text"* name=*"shoe\_selldate"*><br>

<input type=*"submit"* value=*"insert Shoe"*>

</form>

</body>

</html>

****

**2.24: shoe\_inserted\_succ.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

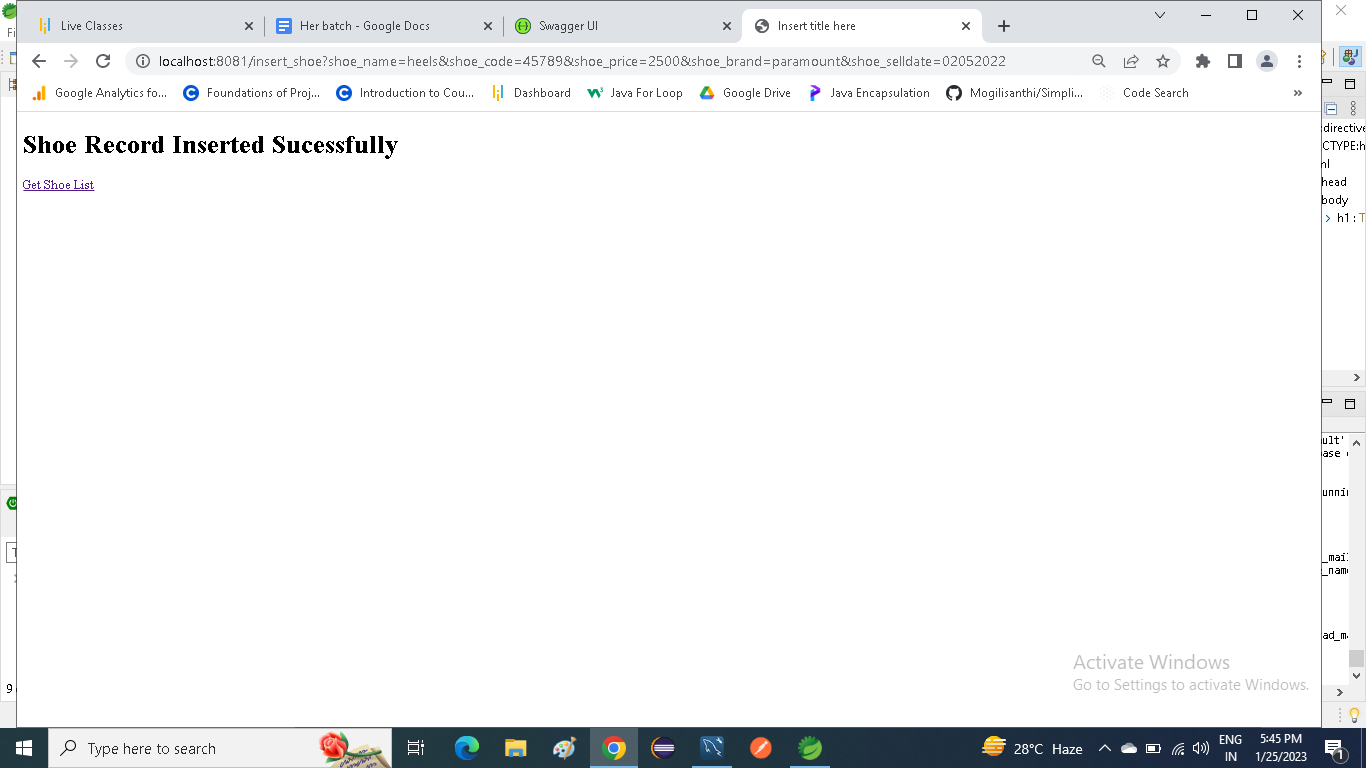
<body>

<h1>Shoe Record Inserted Sucessfully</h1>

<a href=*"./get\_report"*>Get Shoe List</a><br><br>

</body>

</html>



**2.25: shoe\_list.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%

List<Shoe> pp=(List<Shoe>)request.getAttribute("r\_list");%>

<table border=*"1"*>

<tr><th>Shoe\_Id</th><th>Shoe\_Name</th><th>Shoe\_Code</th><th>Shoe\_Brand</th><th>Shoe\_Price</th><th>Shoe\_Selldate</th><th>Delete Shoe</th><th>Update Shoe</th></tr>

<%**for**(Shoe ps:pp){%>

<tr><td><%=ps.getShoe\_id()%></td><td><%=ps.getShoe\_name()%></td><td><%=ps.getShoe\_code()%></td><td><%=ps.getShoe\_brand()%></td><td><%=ps.getShoe\_price()%></td><td><%=ps.getSell\_date()%></td><td>

<form action=*"Delete\_shoe"*>

<input type=*"hidden"* name=*"shoe\_id"* value=<%=ps.getShoe\_id() %>>

<input type=*"submit"* class=*"button"* value=*"delete"*>

</form></td>

<td>

<form action=*"update\_shoe.jsp"*>

<input type=*"hidden"* name=*"shoe\_id"* value=<%=ps.getShoe\_id() %>>

<input type=*"submit"* class=*"button"* value=*"update"*>

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

<%}%>

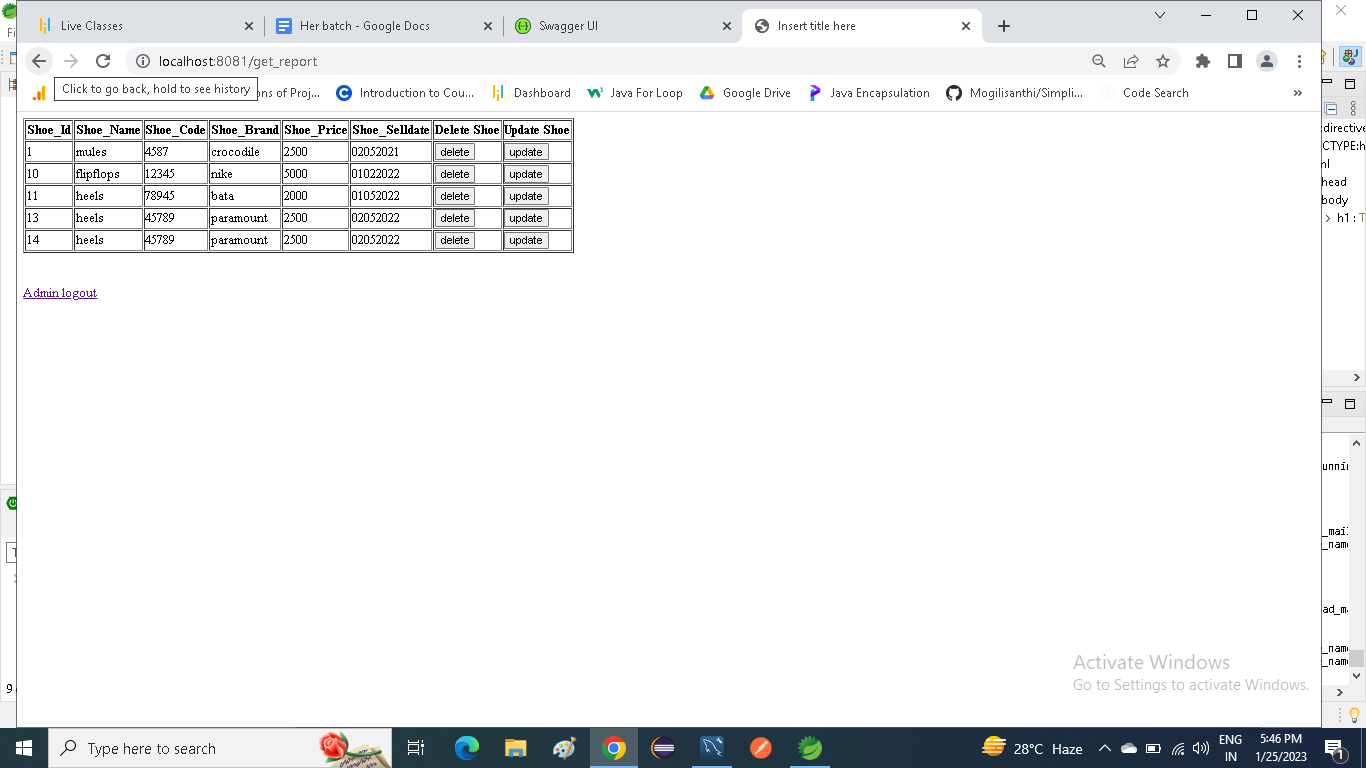
</table>

<br><br>

<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</body>

</html>



**2.26: shoe\_delete.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

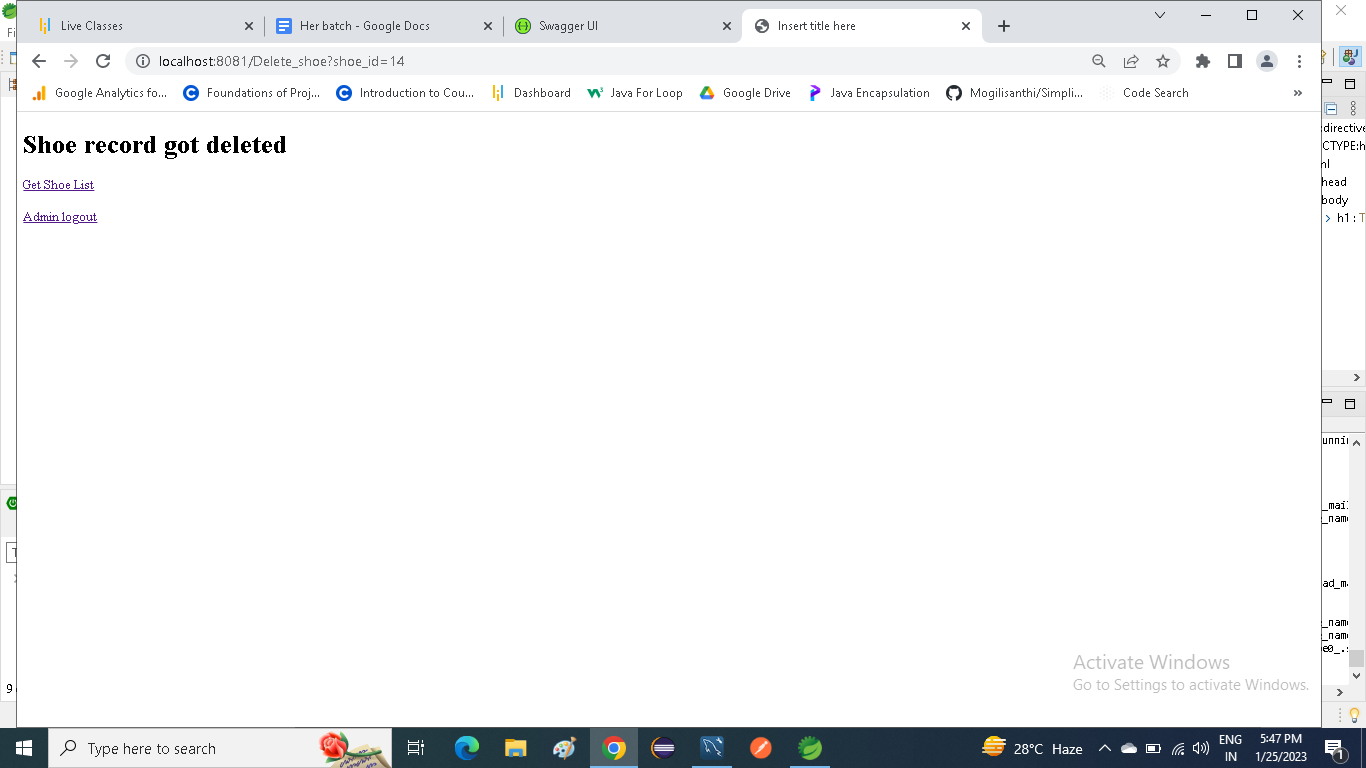
<body>

<h1>Shoe record got deleted</h1>

<a href=*"./get\_report"*>Get Shoe List</a><br><br>

<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</body>

</html>

**2.27: update\_shoe.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"Update\_shoe"*>

<table>

<tr><td><input type=*"hidden"* name=*"shoe\_id"* value=<%=request.getParameter("shoe\_id") %>></td></tr>

<tr><td>Edit shoe name</td><td><input type=*"text"* name=*"shoe\_name"*></td></tr>

<tr><td>Edit shoe code</td><td><input type=*"text"* name=*"shoe\_code"*></td></tr>

<tr><td>Edit shoe brand</td><td><input type=*"text"* name=*"shoe\_brand"*></td></tr>

<tr><td>Edit shoe price</td><td><input type=*"text"* name=*"shoe\_price"*></td></tr>

<tr><td>Edit shoe selldate</td><td><input type=*"text"* name=*"sell\_date"*></td></tr>

<tr><td><input type=*"submit"* class= *"button"* value=*"update shoe details"*></td></tr>

</table>

<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</form><br>

</body>

</html>

**2.28: shoe\_updates\_succ.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

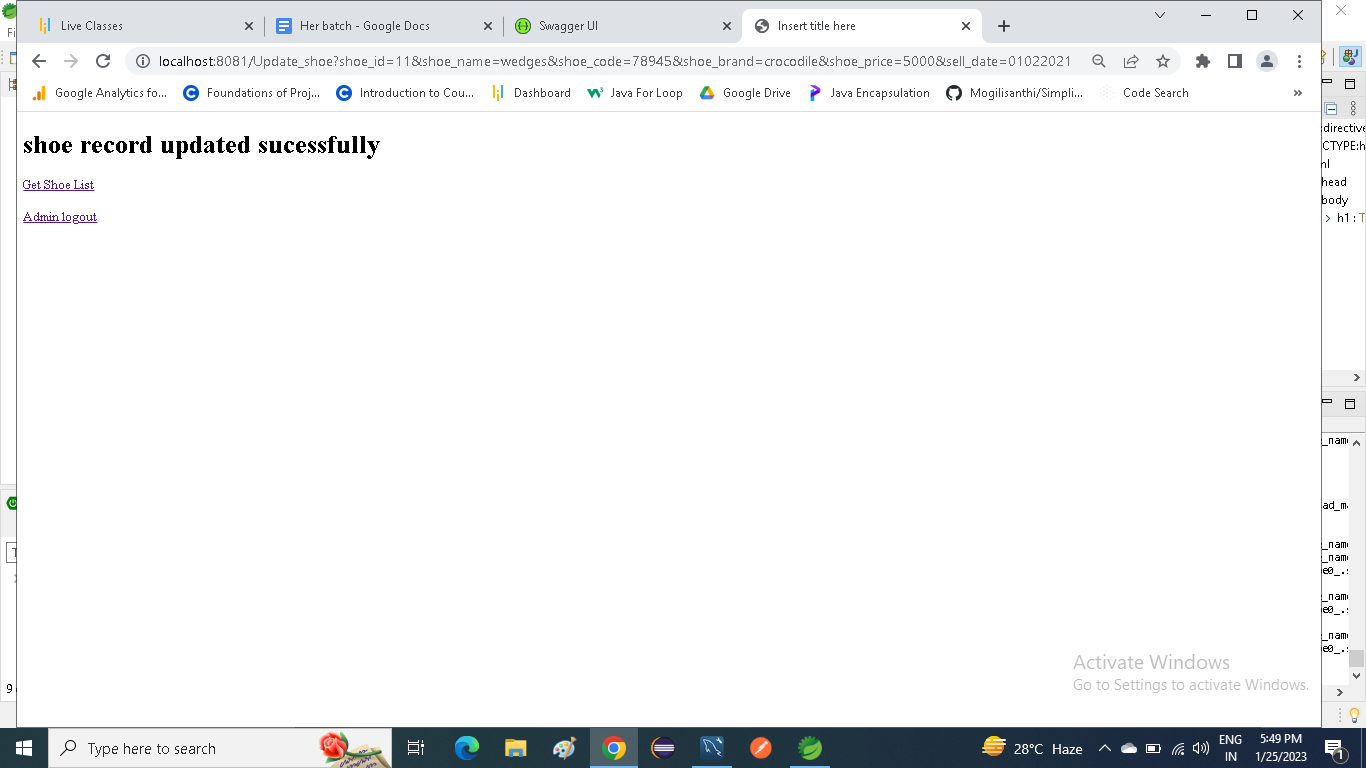
<h1>shoe record updated sucessfully</h1>

<a href=*"./get\_report"*>Get Shoe List</a><br><br>

<a href=*"admin\_logout.jsp"*>Admin logout</a><br><br>

</body>

</html>

****

**2.29: user\_list.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<% List<User> u = (List<User>)request.getAttribute("u\_list"); %>

<table border=*"1"*>

<tr><th>User\_Id</th><th>User\_Fname</th><th>User\_Lname</th><th>User\_Phonenumber</th><th>User\_MailId</th><th>User\_DOB</th><th>User\_Password</th></tr>

<%**for**(User us:u){%>

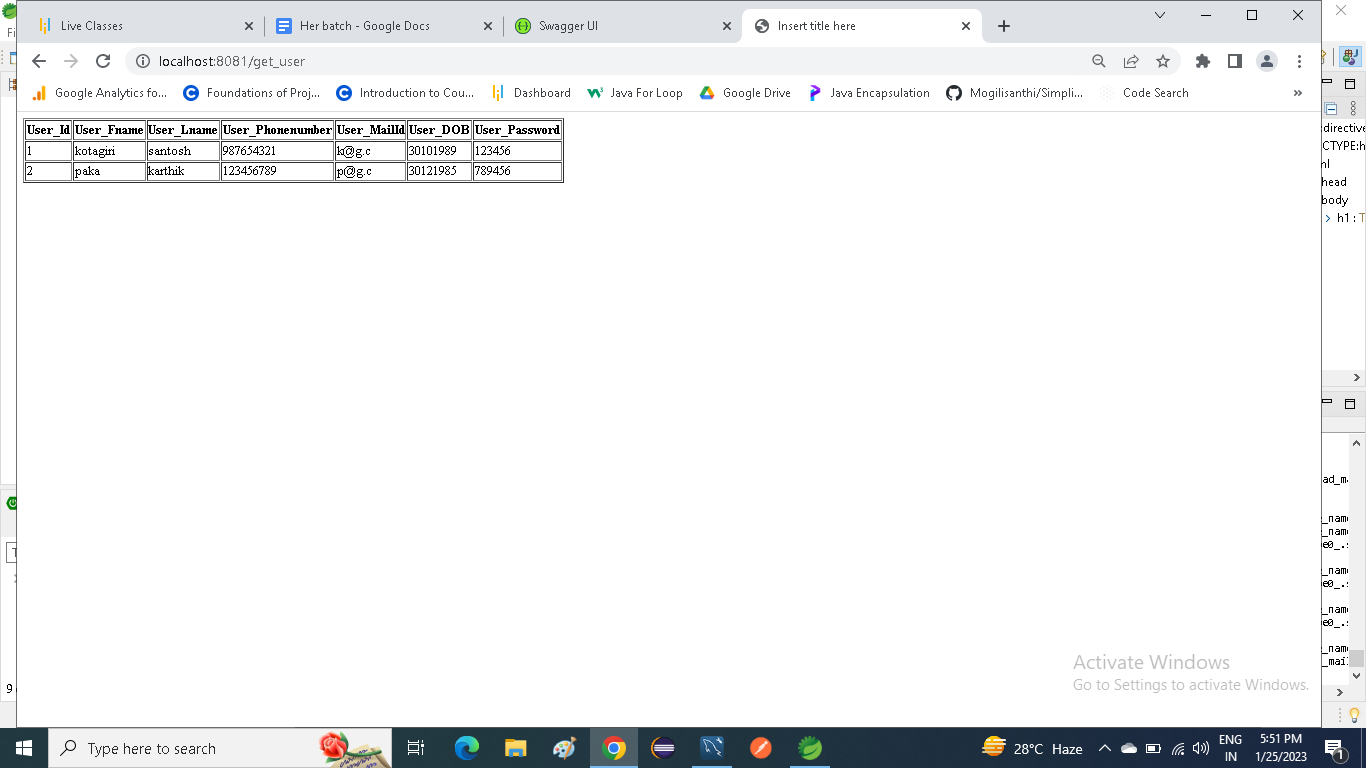
<tr><td><%=us.getUser\_id()%></td><td><%=us.getUser\_fname()%></td><td><%=us.getUser\_lname()%></td><td><%=us.getUser\_phone()%></td><td><%=us.getUser\_mail()%></td><td><%=us.getUser\_dob()%></td><td><%=us.getUser\_pass()%></td></tr>

<%}%>

</table>

</body>

</html>

****

**2.29: user\_login.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"user\_login"*>

User\_Firstname<input type=*"text"* name=*"user\_fname"*><br>

User\_Password<input type=*"text"* name=*"user\_pass"*><br>

<a href=*"user\_fogot\_pass.jsp"*>Forgot Password</a><br><br>

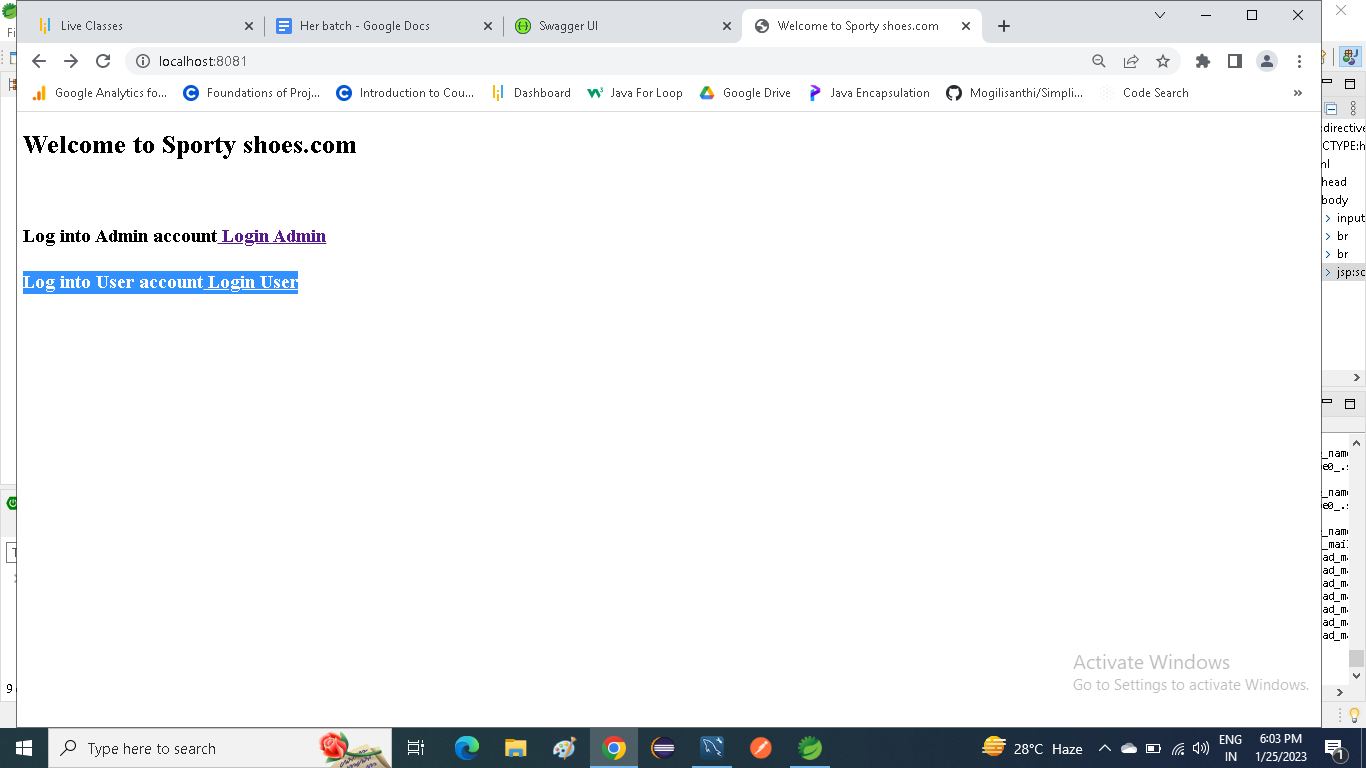
<input class=*"btn"* type=*"submit"* value=*"Log In"*><br><br>

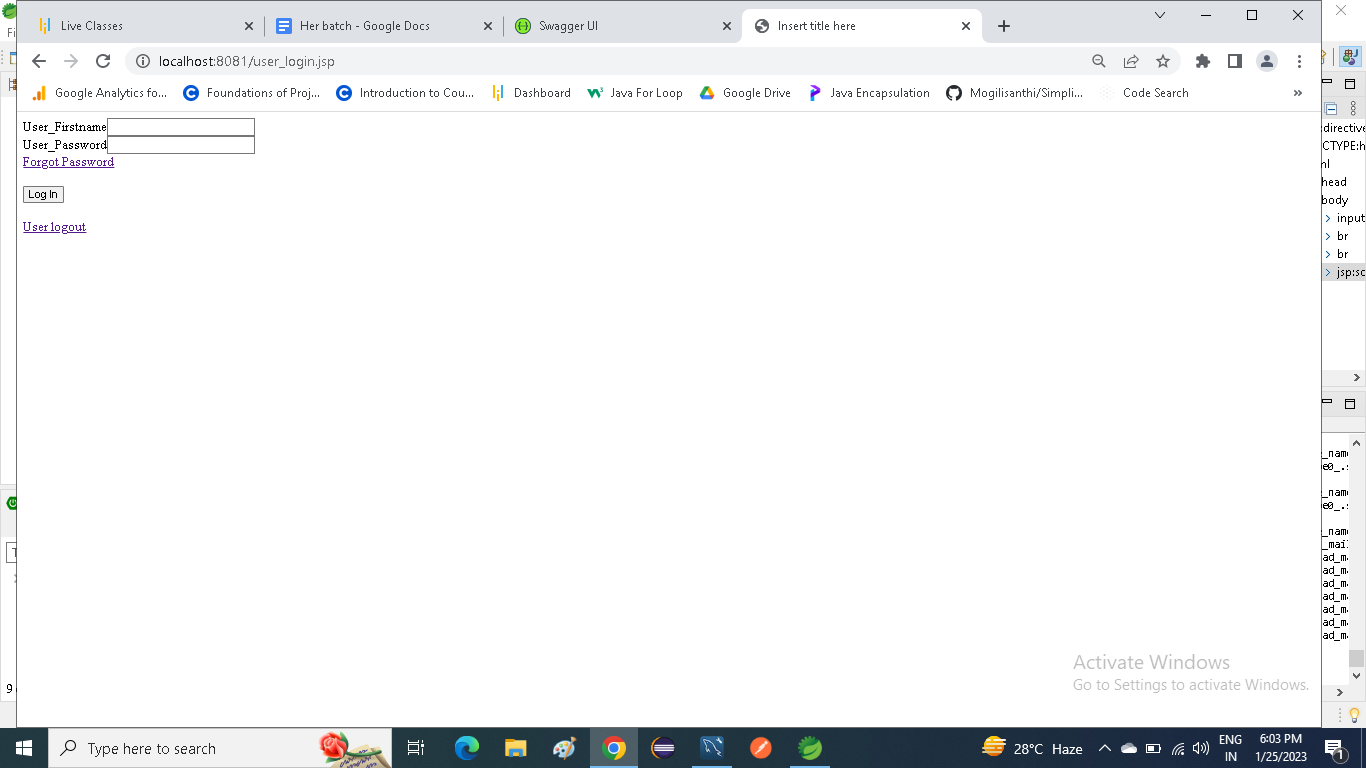
<a href=*"user\_logout.jsp"*>User logout</a><br><br>

</form>

</body>

</html>

****

****

**2.31: user\_login\_succ.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

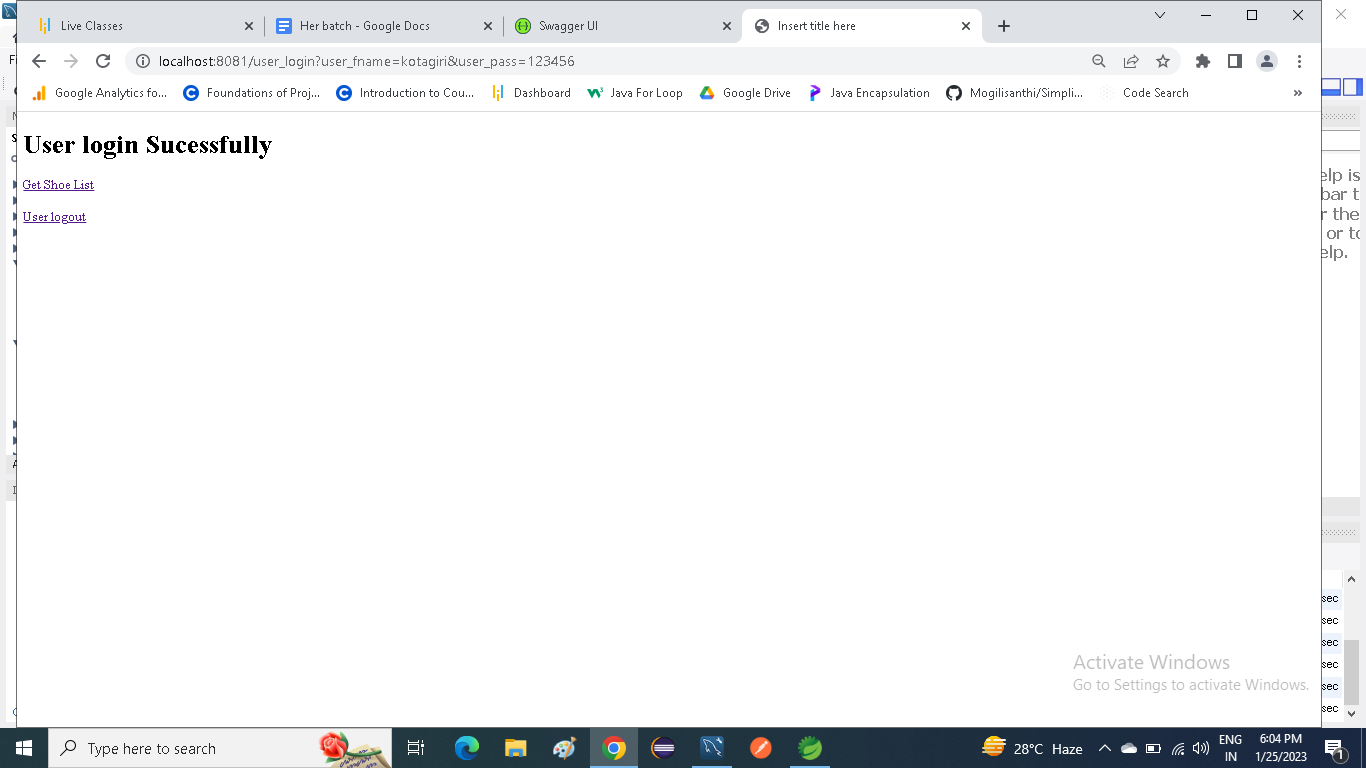
<h1>User login Sucessfully</h1>

<a href=*"./get\_shoelist"*>Get Shoe List</a><br><br>

<a href=*"user\_logout.jsp"*>User logout</a><br><br>

</body>

</html>



**2.32: user\_login\_fail.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1><i>User login failed check your credentials or register</i></h1>

<%@include file=*"user\_login.jsp"* %>

<i>click on below link for registration</i>

<a href=*"user\_loginreg.jsp"*>register here ...</a>

</body>

</html>

**2.33: user\_forgot.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"forget\_pass"*>

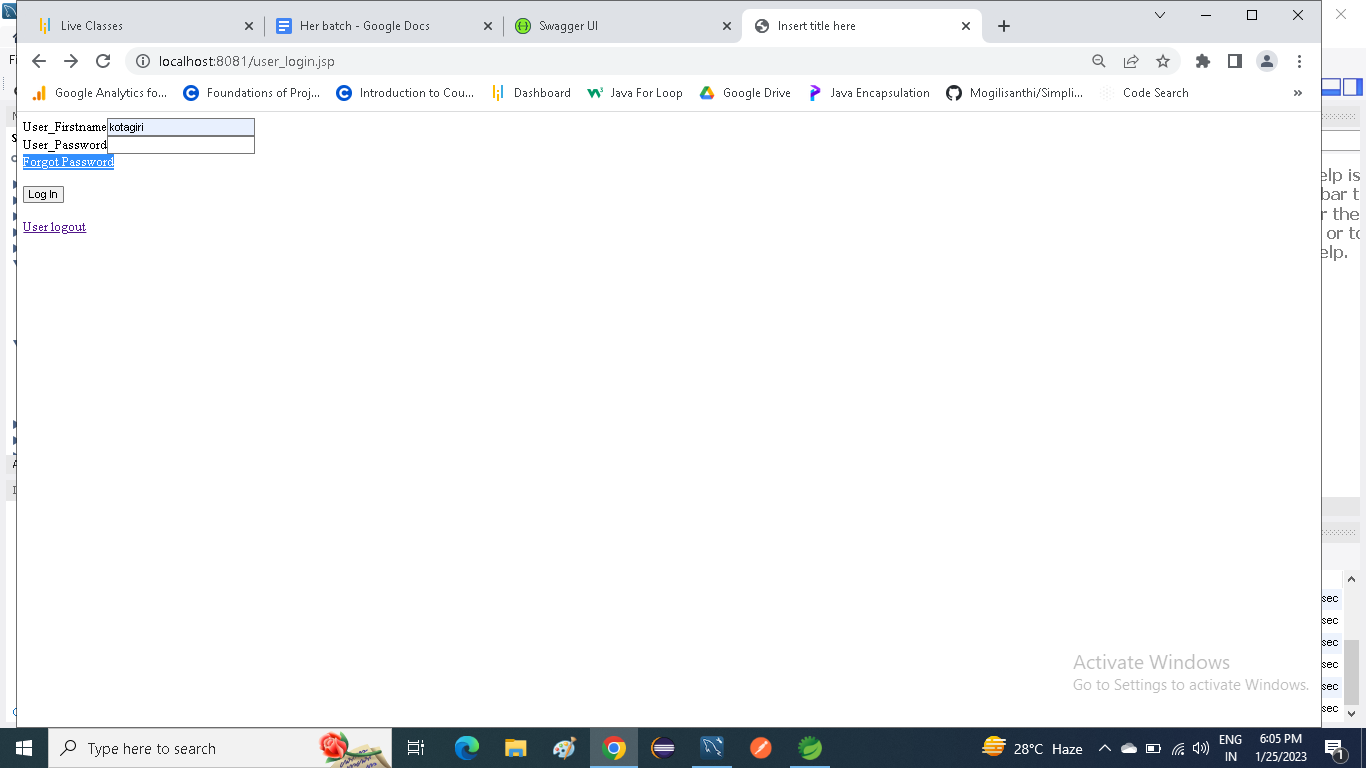
User\_phonenumer<input type=*"text"* name=*"user\_phone"* placeholder=*"Enter Register Phone"* required=*"required"*>

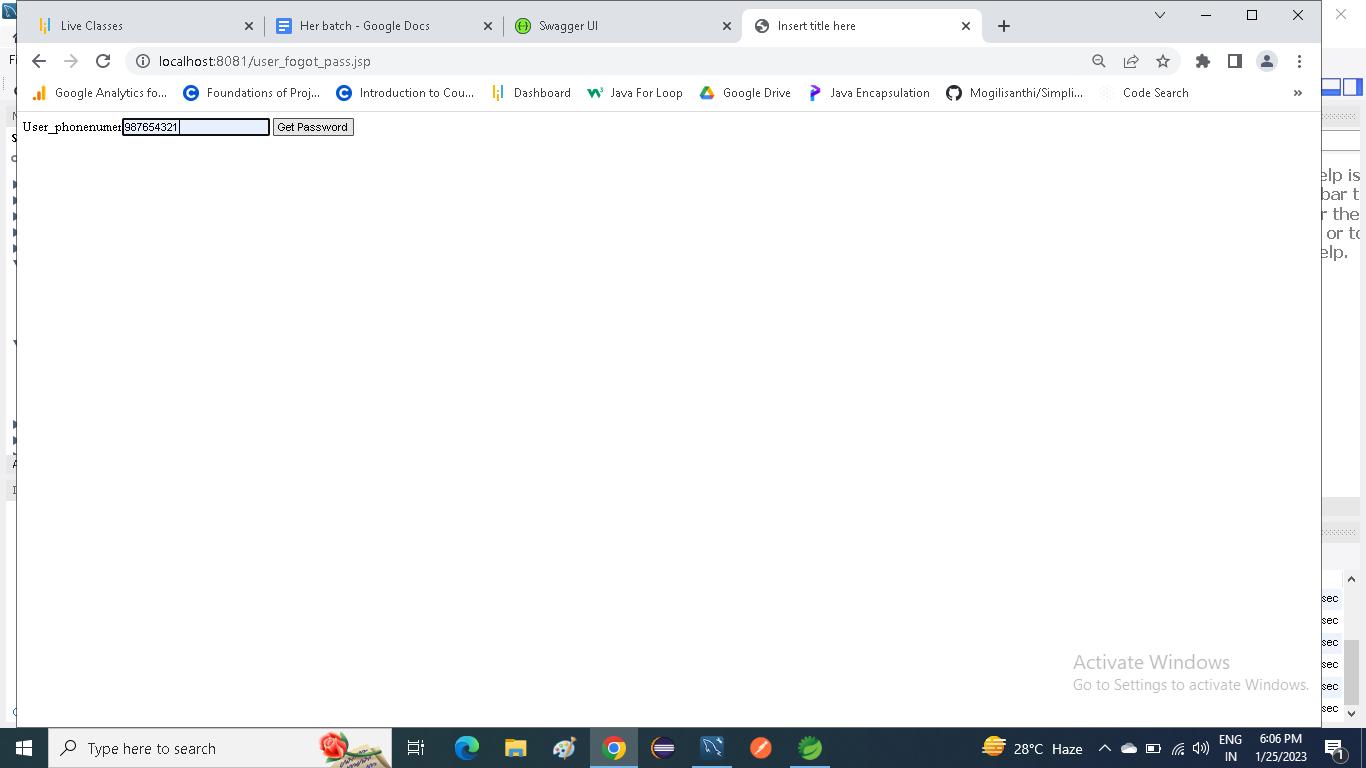
<input class=*"btn"* type=*"submit"* value=*"Get Password"*>

</form>

</body>

</html>

****

****

**2.34: user\_loginreg.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"reg\_user"*>

User\_Id<input type=*"text"* name=*"user\_id"*><br>

User\_Firstname<input type=*"text"* name=*"user\_fname"*><br>

User\_Lastname<input type=*"text"* name=*"user\_lname"*><br>

User\_Phonenumber<input type=*"text"* name=*"user\_phone"*><br>

User\_MailId<input type=*"text"* name=*"user\_mail"*><br>

User\_DOB<input type=*"text"* name=*"user\_dob"*><br>

User\_Password<input type=*"text"* name=*"user\_pass"*><br>

<input class=*"btn"* type=*"submit"* value=*"Register"*>

</form>

</body>

</html>

**2.35: user\_shoe\_list.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"com.ecommerce.example.\*"* %>

<%@page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%

List<Shoe> pp=(List<Shoe>)request.getAttribute("r\_list");%>

<table border=*"1"*>

<tr><th>Shoe\_Id</th><th>Shoe\_Name</th><th>Shoe\_Code</th><th>Shoe\_Brand</th><th>Shoe\_Price</th><th>Buy Shoe</th></tr>

<%**for**(Shoe ps:pp){%>

<tr><td><%=ps.getShoe\_id()%></td><td><%=ps.getShoe\_name()%></td><td><%=ps.getShoe\_code()%></td><td><%=ps.getShoe\_brand()%></td><td><%=ps.getShoe\_price()%></td>

<td>

<form action=*"./buy\_shoe"*>

<input type=*"hidden"* name=*"bank\_id"* value=<%=ps.getShoe\_id() %>>

<input type=*"submit"* class=*"button"* value=*"buy"*>

</form>

</td>

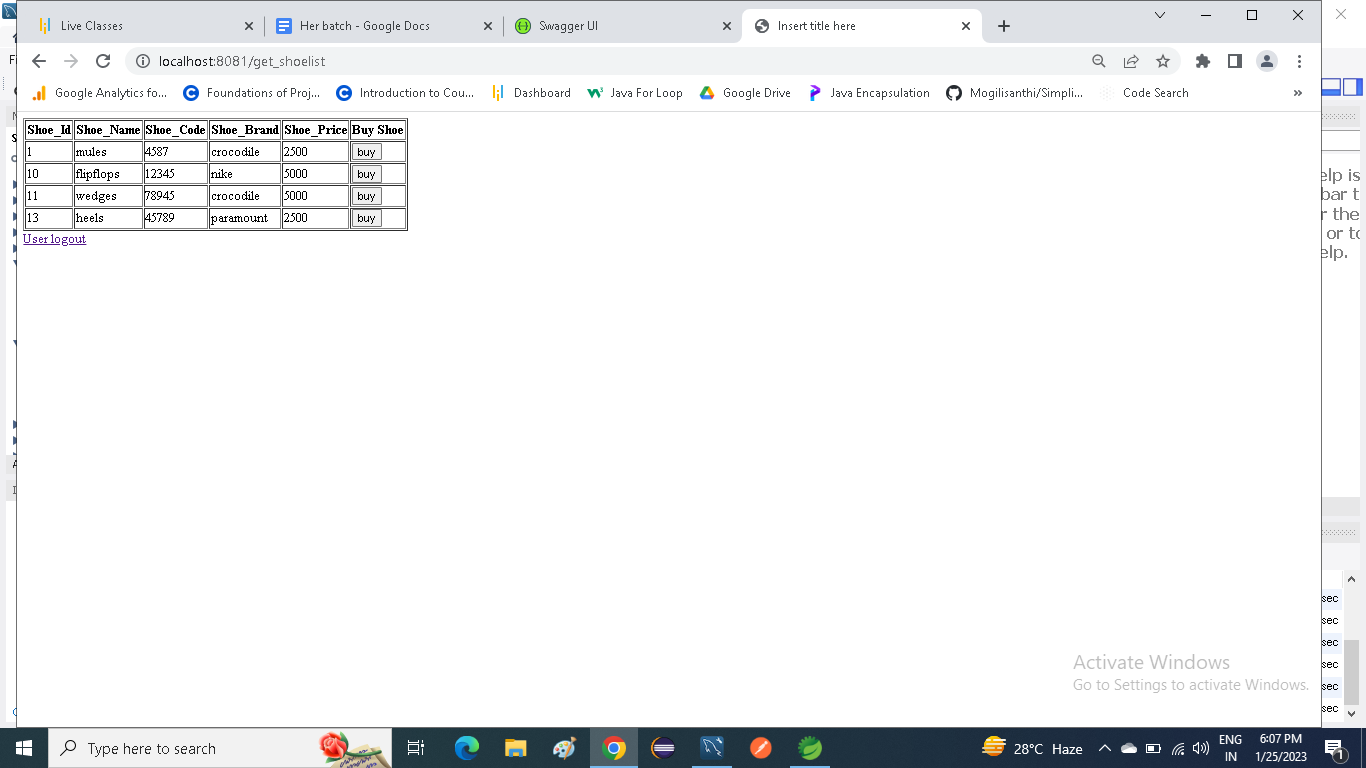
</tr>

<%}%>

</table>

<a href=*"user\_logout.jsp"*>User logout</a><br><br>

</body>

</html>****

**2.36: user\_buy\_shoe.jsp for view on browser**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

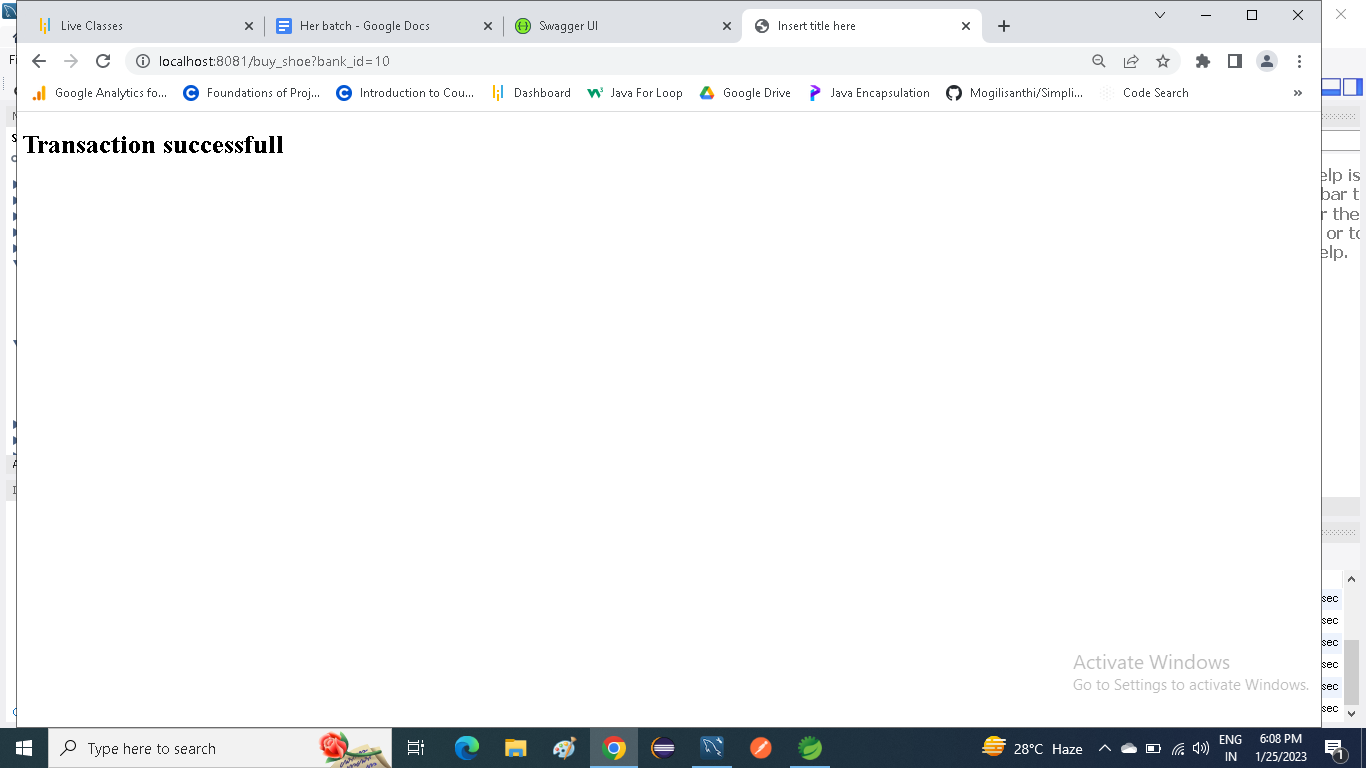
</head>

<body>

<h1>Transaction successfull</h1>

</body>

</html>

****

## **Pushing the code to GitHub repository**

* Open your command prompt and navigate to the folder where you have created your files.

**cd <** **D:\Sportyshoes.com\File>**

* Initialize repository using the following command:

**git init**

* Remote add the repository using the following command

**https://github.com/Mogilisanthi/Sportyshoes-Project.git**

* Add all the files to your git repository using the following command:

**git add .**

* Commit the changes using the following command:

**git commit . -m “Sportyshoes project”**

* Push the files to the folder you initially created using the following command:

**git push -u origin master**