**index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2>Product Management System</h2>

<a href="storeProduct.jsp">ADD PRODUCT</a>

</body>

</html>

**storeProduct.jsp**

<%@ 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>

<h2>Product Management System</h2>

Add Product<form action="ProductStoreController" method="post">

Enter Product-Id<input type="text" name="Id"><br>

Enter Product Name<input type="text" name="pname"><br>

Enter product price<input type="text" name="price">

<input type="submit" name="click" value="Submit">

</form>

</body>

</html>

**Product.java**

package com.bean;

import javax.persistence.Entity;

import javax.persistence.Id;

@Entity

public class Product {

@Id

private int Id;

private String pname;

private float price;

public int getId() {

return Id;

}

public void setId(int Id) {

this.Id = Id;

}

public String getPname() {

return pname;

}

public void setPname(String pname) {

this.pname = pname;}

public float getPrice() {

return price;

}

public void setPrice(float price) {

this.price = price;

}

@Override

public String toString() {

return "Product [Id=" + Id + ", pname=" + pname + ", price=" + price + "]";

**}}**

**ProductDao.java**

package com.dao;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import org.hibernate.cfg.Configuration;

import com.bean.Product;

public class ProductDao {

public int storeProduct(Product product) {

try {

Configuration con = new Configuration();

con.configure("hibernate.cfg.xml");

SessionFactory sf = con.buildSessionFactory();

Session session = sf.openSession();

Transaction tran = session.getTransaction();

tran.begin();

session.save(product);

tran.commit();

return 1;

} catch (Exception e) {

System.out.println(e);

return 0;

}}}

**ProductService.java**

package com.service;

import com.bean.Product;

import com.dao.ProductDao;

public class ProductService {

ProductDao pd = new ProductDao();

public String storeProduct(Product product) {

if(product.getPrice()<100)

{

return "Product price must be > 100";

}else if(pd.storeProduct(product)>0) {

return "Product stored successfully";

}else {

return "Product didn't store id must be unique";

}}}

**ProductStoreController.java**

package com.controller;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.bean.Product;

import com.service.ProductService;

/\*\*

\* Servlet implementation class ProductStoreController

\*/

public class ProductStoreController extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ProductStoreController() {

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

//doGet(request, response);

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

int Id = Integer.parseInt(request.getParameter("Id"));

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

float price = Float.parseFloat(request.getParameter("price"));

Product p = new Product();

p.setId(Id);

p.setPname(pname);

p.setPrice(price);

ProductService ps = new ProductService();

String result = ps.storeProduct(p);

pw.print(result);

RequestDispatcher rd = request.getRequestDispatcher("storeProduct.jsp");

rd.include(request, response);

}}