**Retrieving Product Details & Id**

As a part of developing an e-commerce web application, the admin backend requires a module that can retrieve product information based on the product ID.

**Solution:**

**Servlet Code:**

package com.karunakar.training;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class ProductId extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* Default constructor.

\*/

public ProductId() {

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String url="jdbc:mysql://localhost:3306/Karunakar ";

String uname="root";

String pass="";

response.setContentType("text/html");

String pId = request.getParameter("p\_ID");

PrintWriter out = response.getWriter();

String query="select \* from product where p\_id=?";

out.print("<h1>Displaying the Product Details...</h1>");

out.print("<table border='1'><tr><th>Product Id</th><th>Product Name</th><th>Product Price</th></tr>");

try {

Class.forName("com.mysql.jdbc.Driver");

Connection dbCon = DriverManager.getConnection(url, uname, pass);

PreparedStatement st= dbCon.prepareStatement(query);

st.setString(1, pId);

ResultSet rs =st.executeQuery();

while(rs.next()) {

out.print("<tr><td>");

out.println(rs.getInt(1));

out.print("</td>");

out.print("<td>");

out.print(rs.getString(2));

out.print("</td>");

out.print("<td>");

out.print(rs.getInt(3));

out.print("</td>");

out.print("</tr>");

}

}

catch(Exception e){

System.out.println("Some Issue : "+ e.getMessage());

}

out.print("</table>");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

doGet(request, response);

}

}

**HTML CODE:**

<!DOCTYPE html>

<html>

<head>

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

<title>product id</title>

</head>

<body>

<h1>Product ID</h1>

<hr>

<form action=*"Login"*>

<input type=*"text"* name=*"p\_ID"* placeholder=*"Product ID"*><br>

<input type=*"submit"* value=*"SEARCH"*>

</form>

</body>

</html>