Retrieving the Product Details Using the Product ID.

HTML:

<!DOCTYPE html>

<html>

<head>

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

<title>Product Details</title>

</head>

<body>

<form name=*ID* method=*"GET"* action=*"ProductDetails"* id=*"form1"*>

<label for=*"ID"*>Product ID :

<input type=*"text"* id=*"id"* name=*"ID"*></label><br><br>

<button type=*"submit"* form=*"form1"* value=*"Submit"*>Submit</button>

</form>

</body>

</html>

# Config.Properties:

url=jdbc:mysql://localhost:3306/ecommerce userid=root

password=Priyasan4@

# DBConnection:

**package** com.product;

**import** java.sql.Connection; **import** java.sql.DriverManager; **import** java.sql.SQLException; **public class** DBConnection { **private** Connection connection;

**public** DBConnection(String dbURL, String user, String pwd) **throws**

ClassNotFoundException, SQLException{

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

**this**.connection = DriverManager.*getConnection*(dbURL, user, pwd);

}

**public** Connection getConnection(){

**return this**.connection;

}

**public void** closeConnection() **throws** SQLException { **if** (**this**.connection != **null**) **this**.connection.close();

}

}

# Product Details:

**package** com.product;

**import** java.io.IOException; **import** java.io.InputStream; **import** java.io.PrintWriter;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.ResultSetMetaData; **import** java.sql.SQLException; **import** java.util.Properties;

**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.mysql.cj.jdbc.result.ResultSetMetaData;

**import** com.mysql.cj.xdevapi.Statement;

/\*\*

\* Servlet implementation class ProductDetails

\*/ @WebServlet("/ProductDetails")

**public class** ProductDetails **extends** HttpServlet {

**private static final long *serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** ProductDetails() {

**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

**int** ID = Integer.parseInt(request.getParameter("ID"));

**try** {

PrintWriter out = response.getWriter(); out.println("<html><body>");

InputStream in = getServletContext().getResourceAsStream("/WEBINF/config.properties");

Properties props = **new** Properties(); props.load(in);

DBConnection conn = **new** DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));

PreparedStatement stmt = conn.getConnection().prepareStatement("select \* from

eproduct where ID = ?"); stmt.setInt(1,ID);

out.print("<table width=75% border=1"); out.print("<caption><h1> Product Details :</h1></caption>"); ResultSet rs=stmt.executeQuery();

ResultSetMetaData rsmd = rs.getMetaData(); **int** totalColumn = rsmd.getColumnCount(); out.print("<tr>");

**for**(**int** i=1;i<=totalColumn;i++) { out.print("<th>"+rsmd.getColumnName(i)+"</th>");

}

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

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

out.print("<tr><td>"+rs.getInt(1)+"</td><td>"+rs.getString(2)+"</td><td>"+r s.getBig

Decimal(3)+"</td><td>"+rs.getDate(4)+"</td></tr>");

}

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

} **catch** (ClassNotFoundException e) { e.printStackTrace();

} **catch** (SQLException e) { e.printStackTrace();

}

}

/\*\*

\* **@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);

}

}