

## **ADDING A NEW PRODUCT IN THE DATABASE.**

### **DESCRIPTION:**

#### **Project objective:**

Create a servlet-based web application that shows a form to add new products. A MySQL database will be created to store product data. The form data will be validated, and a row will be added to the database. All database processing will be done using Hibernate.

#### **Background of the problem statement:**

As a part of developing an e-commerce web application, you have to create a database table for storing product information. A form is needed to add new products. The form submission is validated, and a new record is created in the product table.

#### **Steps Followed:**

Eclipse as the IDE

Apache Tomcat as the web server

JSP pages for the front end

Servlets for backend processing

Hibernate to store data into the database

Following requirements should be met:

Show an add product form in JSP

Use of any client-side javascript libraries such as bootstrap or jquery is allowed (but not required). There should be no absolute need for client-side javascript anywhere in this project.

Handle the form submission in a servlet. Validate it for any missing information

Add the product information into the database using Hibernate

Set up Hibernate configuration files using XML or Annotations for the product table

A class has to be created to store product data. This class will be linked to Hibernate via an hbm.xml file or Annotations.

The servlet will put the form data into the product class and then pass the product class into Hibernate to add into the database

The step-by-step process involved in completing this task should be documented.

**OutPut:**

## Welcome to Hibernate CRUD application

[Read Product](#)

[Add Product](#)

Add-Product.html:

### Add Product

Add Product form Product Name:

Product Price:

### Product List :-

Product Id	Product Name	Product Price
10	Asus Zenbook	90000