**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.

**You must use the following:**

● 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

● 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 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

● 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.

**Steps**:-

1.Created a servlet-based web application that shows a form to add new products.

2.A MySQL database will be created to store product data.

3.The form data will be validated, and a row will be added to the database.

4.All database processing will be done using Hibernate.

5.Create a servlet-based web application that shows a form to add new products.

6. 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.