**Adding a New Product in the Database**

**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.

**Description:**

Here we have created a web dynamic project in which we have created two servlet and the html files and Jspfiles.

There is one html page: -- Index.html.

There are 2 Jsp pages:- add-product.jsp, read-product.jsp

**Software used**:Eclipse

**Language**: Java

**Index page:**

This is the main html page. Here we have created a content by using different html tags. Credentials are Product id and a Search Button by using tags (html, head, body, h2, form, action, table, tr, td, div). There are two links for Read the Product and Add Product.

**Add Product Page:-**

This is a Jsp file which ask for adding product details like Product Name, Product Price. There is a button to submit this product details.

**Read-List Page:-**

This is a Jsp file which shows product details which we have added previously like Product Name, Product Price in table format.

**Output Flowchart:-**

Read-Product

Add-Product

Product-List

Submit

Add Product

Product Name

Product Price

Product is created successfully