**Adding New Product InDtatbase**

**https://github.com/**

**Github repo URL-https://github.com/Sakshishukla218/simple-learning-project.git**

( click on url& click on Phas2-3.9-Adding New Product In Database )

By sakshi shukla

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.

A **Jakarta Servlet** (formerly Java Servlet) is a [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) [software component](https://en.wikipedia.org/wiki/Software_component) that extends the capabilities of a [server](https://en.wikipedia.org/wiki/Server_(computing)). Although servlets can respond to many types of requests, they most commonly implement [web containers](https://en.wikipedia.org/wiki/Web_container) for hosting [web applications](https://en.wikipedia.org/wiki/Web_application) on [web servers](https://en.wikipedia.org/wiki/Web_server) and thus qualify as a server-side servlet [web API](https://en.wikipedia.org/wiki/Web_API). Such web servlets are the [Java](https://en.wikipedia.org/wiki/Java_(software_platform)) counterpart to other [dynamic web content](https://en.wikipedia.org/wiki/Dynamic_web_page) technologies such as [PHP](https://en.wikipedia.org/wiki/PHP) and [ASP.NET](https://en.wikipedia.org/wiki/ASP.NET).

A **servlet** is a Java class which is used to extend the capabilities of servers that host applications accessed by means of a request-response model. Servlets are mainly used to extend the applications hosted by webs servers, however, they can respond to other types of requests too. For such applications, HTTP-specific servlet classes are defined by Java Servlet technology.

Steps Involved In Creating Project

* Creat Dynamic Web Project
* Covert Into Maven Project
* Creating Java Class
* Creating Servlet
* Creating Index.html File
* Then Run On Server
* Push On Git Hub