**Project Name: Adding a New Product in the Database.**

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**GitHub Link:- https://github.com/kapildavey/Phase-2.git**

**Project Description:**

* As a part of developing an e-commerce web application,
* I have created 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.

**Procedure:**

1. Create table In database “userdetails”
2. Create dynamic folder
3. Add jar files
4. Create index.html file

This page gets input from the user and forwards this data to servlet which is responsible to show the records based on the given data.

1. Create hibernate.cfg.xml file

* An alternative approach to configuration is to specify a full configuration in a file named hibernate.cfg.xml.
* This file can be used as a replacement for the hibernate.properties file or, if both are present, to override properties.

1. Create userdetails.hbm.xml file

* The mapping document is an XML document having **<hibernate-mapping>** as the root element, which contains all the **<class>** elements.
* The **<class>** elements are used to define specific mappings from a Java classes to the database tables. The Java class name is specified using the **name** attribute of the class element and the database **table** name is specified using the table attribute.
* The **<meta>** element is optional element and can be used to create the class description.
* The **<id>** element maps the unique ID attribute in class to the primary key of the database table.
* The **name** attribute of the id element refers to the property in the class and the **column** attribute refers to the column in the database table

1. Create hibernatetestservlet servlet file

* defines mappings between URL paths and the servlets that handle requests with those paths.
* The web server uses this configuration to identify the servlet to handle a given request and call the class method that corresponds to the request method (e.g. the doGet() method for HTTP GET requests).

1. Create class userdetails

* Created new class with UserDetails name.
* declare class variables/attributes as private
* provide public **get** and **set** methods to access and update the value of a private variable.