

Phase-2 Practice Project

Adding a New Product in the Database

Write up

- 1.set necessary requirements to create the project
- 2.Receive the form data from the add product form in the servlet.
- 3.Validate the form data for any missing or invalid information.
- 4.If the form data is valid:
- 5.Create a new instance of the Product class.
- 6.Set the values of the product attributes (name, description, price) based on the form data.
- 7.Create an 3 classes:Product, DbUtil,ProductDAO
- 8.Use the ProductDAO to save the product into the database.
- 9.Redirect the user to a success page or display a success message.
- 10.If the form data is invalid:
- 11.Redirect the user back to the add product form with appropriate error messages to indicate the validation errors.
- 12.In the ProductDAO class:
- 13.Create a session using the SessionFactory from HibernateUtil.
- 14.Begin a transaction.
- 15.Use the session to save the product object.
- 16.Commit the transaction.
- Close the session.
- 17.Configure Hibernate using XML
- 18.Set up the Hibernate configuration file (hibernate.cfg.xml) with the necessary database connection details and other Hibernate properties.
- 19.Configure the web application to use the appropriate web server and set up the servlet mapping for the AddProductServlet.
- 20.Deploy and run the web application to test adding a new product.