

RETRIEVING THE PRODUCT DETAILS USING THE PRODUCT ID.

DESCRIPTION

Project objective:

Create a servlet-based application that shows a form to enter a product ID. The product ID is then validated, and product details are retrieved from the database and displayed to the user. You need to create a product table in MySQL and prepopulate it with data. Use JDBC to do all database processing.

Background of the problem statement:

As a part of developing an e-commerce web application, the admin backend requires a module that can retrieve product information based on the product ID.

Tools Used:

- Eclipse as the IDE
- Apache Tomcat as the web server
- MySQL Connector for JDBC functionality

Algorithm:

- Create an Index.html page in the WebApp folder and the title, the destination pages are given.
- Create an entity class with int id, String name and String description as column for the table in the database and the name of the table is Product.
- Add all the default and parameterised constructor, provide the getters and setters method and toString Method
- In the servlet package Http request is made to store the user inputs into the database. The HttpServletResponse parameter is used to write the content into the database and HttpServletResponse is used to read the input from the user.

- In the pom.xml file all the jsp file names are given in the description and inside webcontent as source location along with the database credentials.
- To run the program tomcat server is added to the source file (version 8.5) and is setup before running the program