**Project Name: Retrieving the Product Details Using the Product ID**

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**GitHub Link:-** [**https://github.com/kapildavey/Phase-2.git**](https://github.com/kapildavey/Phase-2.git)

**Project Description:**

* Create an HTML page to take in a product ID
* Set up JDBC to work with the application
* Create a servlet that will take the product ID and use JDBC to query the database for the product
* If the product is found, the servlet will display the product details, otherwise it will show a blank table
* Document the step-by-step process involved in completing this task

**Procedure:-**

* **Create index.html file**

1. 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.

* **Create Table in mysql and insert product details**

1. Creating table in my sql and insert product details in it. we are getting the data from the database in servlet and printing it. We are doing all the database logic in servlet for simplicity of the program.

* **Create DBConnection class file**

1. The DBConnection class is an abstract class that represents a connection to a remote database. An object of this class is returned when you connect to a database using DBConnectionManager.getConnection.
2. This class contains the methods for performing basic database operations (insert, update, and so on) on the database to which this object is connected. All of these methods use the abstract method execSQL to perform their work.
3. The lifetime of a DBConnection object is determined by parameters set in DBConnectionManager when a DBConnection object is instantiated.

* **Create productsearch servlet file**

1. Servlets are Java programs that runs inside a Java-capable HTTP server. A user can invoke a servlet by issuing a specific URL from the browser (HTTP client). In this example, we shall write a servlet called "productsearch.java" and compiled into "productsearch.class". A client can invoke "productsearch.class" by issuing URL <http://hostname:port/productsearch>
2. An HTTP request could use either GET or POST request methods, which will be processed by the servlet's doGet() or doPost() method, respectively.