Title: Product Details Retrieval Web Application

Introduction: The provided code demonstrates a simple web application that allows users to fetch product details from a PostgreSQL database using a Java Servlet. The application consists of two components: ProductDetails.java, a servlet that handles HTTP requests and connects to the database, and index.html, a web page that takes user input and sends it to the servlet.

ProductDetails.java: This is a Java Servlet that extends the HttpServlet class. It listens for HTTP GET requests and processes them to retrieve product details based on the provided product ID. The servlet establishes a connection to the PostgreSQL database, using the JDBC driver, to fetch product details. It then dynamically generates an HTML table displaying the product information. If the database connection or query fails, it logs the error and displays the stack trace.

index.html: This is a basic HTML form that allows users to input a product ID and submit it to the ProductDetails servlet. The form has an input field for the ID and a "Fetch" button to initiate the request.

Usage:
- The user opens the index.html page in a web browser.

- The user inputs the product ID of interest into the provided input field.

- Upon clicking the "Fetch" button, the web page sends a POST request to the ProductDetails servlet, passing the product ID as a parameter.

- The servlet receives the request, establishes a connection to the PostgreSQL database, and executes a query to retrieve the product details corresponding to the provided ID.

- The servlet generates an HTML response containing a table displaying the product details, which is then rendered in the web browser.