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Team: Java – eCommerce (Hybris)

Very Simple Web Shop

1. **Overview**
   Create a **very** simple **web shop** where you can:
   - View products grouped by categories
   - Add products Button to a virtual cart

2. **Prerequisites**
   - Eclipse/ Intellij
   - Tomcat server
   - Java 8 (at least)

3. **Development stages**
   - Develop the application using java web technologies
   - Create a Java web application and deploy it on Tomcat
   - Define persistence layer: all web shop information has to be persisted in text files. A text file will represent a sql table. Create as many text files you need to.
   - Develop the application using any of HTML, **JSP**, JSTL, CSS, JavaScript, AJAX on the frontend and **servlets** on the backend. Make the web design very simple.

4. **The application will contain a single page with:**
   - Menu of categories
   - When a category is selected, on the same page, the list of products will be available
   - Each product will have some basic information like Name and "Add to cart" button
   - A footer
   - When you click "Add to Cart" on any product, the application will save this information into a specific text file. For example, the output can be:

     Product X was added to the cart.
     Product Y was added to the cart.
     Product Y was added to the cart.
     Product Y was added to the cart.
     Product Z was added to the cart.
     Product X was added to the cart.