

Online Shopping System using Java Programming Language

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Abstract: *The online shopping system project is a comprehensive web-based application designed to facilitate smooth and efficient online purchasing experiences for users. Utilizing technologies such as Java, Advanced Java, MySQL, HTML, CSS, Bootstrap, JDBC, JSP, and Servlets, this system integrates a dynamic user interface with a robust backend to manage transactions, product listings, and customer data. The application enables users to browse, search for products, and place orders seamlessly while the administrative backend allows for efficient management of inventory, order processing, and user accounts. MySQL serves as the database to store product and user information securely, while Java and its advanced features, together with JSP and Servlets, handle server-side operations. JDBC ensures smooth interaction between the application and the database, and Bootstrap enhances the user interface's responsiveness, making the system both user-friendly and scalable.*

Keywords: Java, MySQL Online shopping, web-based application

