

Requirements:

- The shopping website system should allow customers to browse the catalog of products.
- Customers should be able to search for products based on various criteria such as product name, category, brand, etc.
- The system should allow customers to add products to their shopping cart.
- Customers should be able to view their shopping cart and modify the items in it.
- The system should allow customers to checkout and make payment for their order.
- The system should allow administrators to add, remove, and update products in the catalog.
- The system should allow administrators to manage inventory levels.
- The system should provide sales reports to the administrators.