

## Online Shopping System

**Problem Statement:** The rise of e-commerce has revolutionized the way people shop. With the increasing number of people shopping online, there is a need for such a system. The primary problem faced by online shoppers is the inconvenience of searching through numerous websites for products, comparing prices and checking product availability. This can be solved by developing an online shopping system that can provide a good shopping experience.

**Scope:** This document outlines the requirements for the development of an online shopping system that will provide a seamless experience for users. The system will be accessible through a web-based platform and will have features such as product catalog and search.

**Functional Requirements:**

- Product Catalog
- Product Search
- Shopping Cart
- Checkout
- Payment Processing

**Non-functional Attributes:** The system should be user-friendly, reliable and secure.

**Interface Requirements:** The system should have a user-friendly interface where users can browse for products and they should be able to add it to cart. All different payment modes should be accepted.

**Performance Requirements:** The system must be fast & responsive. Its response time should be more than 3 seconds. It should be scalable & secure.

**Preliminary Schedule & Budget:** The development of the system is expected to take 6 months with a budget of \$100,000.

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