7. Online shopping system

Problem statement: In today's world, people prefer to shop online due to the convenience it offers. Some of the problems faced by customers are:
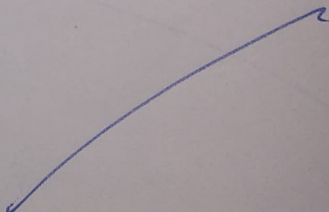
* Difficulty in finding the desired product
* Lack of clarity about product details
* Limited payment option
* Limited customer support.

SRS:

① **Functional Requirement** -

* Customers should be able to create an account by providing their basic information.
* The system should have a catalog of products, detailed description and be able to search for product.
* Should be able to add products, purchase, remove & update cart.

② **Non-functional requirement** -

* be user-friendly and easy to navigate
* be fast & responsive with minimal downtime
* The system should be secure & compatible
* The system should be scalable to accommodate a large no. of users & products

③ Software requirement :

* The online shopping app should be compatible with different platforms & devices such as iOS, web browsers

* The app should be designed to provide with high performance with fast loading time

* The app should be able to integrate with different systems & API's such as payment gateway.

④ User requirement :

* User friendly interface
* product catalog
* Search functionality
* Product information
* Personalization & Secure Payment
* Delivery options
* Customer support.

⑤ Domain requirement:

* Product inventory management
* Order management
* Payment Gateway integration.
* Shipping and logistics management
* Marketing & Promotions.
* Customer Relationship management.
* Analytics & Reporting.

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