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Online Shopping System

Problem Statement:

The online shopping system eases the shopping experience to the customers. Users should be able to track their carts and ~~prices~~ prices.

SRS:

1. Introduction

* To design the specifications for creating a online shopping that provides customers an easy to use platform.
* To define the functional and non functional requirements of online shopping system.
* To provide a system the allows ~~customers~~ clients to browse, choose and buy items from a merchant

2. General description

Retail ~~users~~ customers are the main users of this system which facilitates their daily shopping experience by ~~giving~~ giving a simple interface, smooth payments, quick acceptance of orders etc.

3. Functional Requirement

* System should accept different types of payments
* System should quickly authenticate the payments
* System should provide refunds for defective items as soon as possible

4. Interface Requirements

* Integration of online shopping system with the existing ~~system~~

system
* Integration of the system with a payment gateway for smooth payments
* The backend data from the databases should be consistant

5. Performance requirement

* The order confirmation screen should be shown within 5 seconds
* 4TB of memory is required to store the customer and order information
* Payments should be authenticated within 10 seconds

6. Design Constraints

* The system should not take alot of time to check the inventory and validate
* The system should be able to integrate with existing system neatly
* The system should be able to process loads of data from large ~~no~~ number of users at peak hours.

7. Non Functional Attributes

* The system should be able to handle the increased demand during peak hours
* Ensuring the data of the online shopping system must be secure and should not leak to the public.
* The users should be provided with good and easy to use user interface

8. Prelimnary ~~Est~~ Schedule and Budget

* Planning : 15 days

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* Development: 5 months
* Testing: 2 months
* Deployment: 1 month

* Hardware - $560,000
* Staff - $100,000