



“Your Project Name”

Task - 1



Your Project Name

- Your Project Introduction

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Task - 1

Creation of SRS & Github

- Create SRS : “Your Project”
- Creation & Set-up of Github account
- Creation & Hands-on to various commands of Git Bash

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about different lifecycle models.
- Understanding importance and how to create an SRS
- Knowing various commands of Github
- Understanding agile and scrum management techniques for efficient product development

SRS for “E-COMMERCE”

- ***Functional Requirements***

User Registration and Authentication

The system shall allow users to create accounts and login using their email addresses and passwords. The system shall provide a registration process that includes the ability to add personal information and addresses.



SRS for “your title”

- ***Non Functional Requirements***

1 Performance

The system shall be able to handle a large number of concurrent users and transactions. The system shall be designed to be scalable, ensuring that it can handle increased traffic and data volume.

2 Security

The system shall provide secure authentication and data storage. The system shall use SSL encryption to protect customer data during transmission. The system shall comply with PCI DSS standards for payment processing.

3 Usability

The system shall provide a user-friendly interface that is easy to navigate and use. The system shall be accessible to users with disabilities, including those using screen readers.



SRS for “your title”

- ***Software Requirements***

The E-commerce software system is a platform designed to facilitate online commercial transactions between buyers and sellers. The system provides a platform for businesses to sell their products and services online and for customers to browse, select, and purchase items. This document outlines the functional and non-functional requirements of the E-commerce system.



SRS for “your title”

- ***Hardware Requirements***
- This document outlines the minimum hardware requirements necessary to support the application, ensuring that the system operates effectively and efficiently. The hardware must be reliable and have a high level of availability.
- The hardware must be scalable to accommodate future growth.
- The hardware must provide a high level of security to protect user data.
- The hardware must have redundancy features to ensure system continuity in case of hardware failure.



Step-Wise Description

1.

Introduction:

The E-commerce system is an online platform that facilitates the buying and selling of goods and services. The system is designed to be user-friendly, secure, and efficient for both buyers and sellers. This document outlines the requirements of the E-commerce system.

2.

Functional Requirements:

2.1 User Registration and Login: The system shall provide a registration module for users to create their accounts. Users shall be able to log in to the system using

their registered credentials.

2.2 Product Catalog: The system shall provide a product catalog that displays a list of available products. Users shall be able to view the product details, prices, and images.

2.3 Shopping Cart: The system shall provide a shopping cart module that allows users to add products to their cart, remove products, and update the quantity of products.

2.4

Checkout:

The system shall provide a checkout module that allows users to review their cart, enter shipping and billing information, and complete their purchase.

2.5 Payment Gateway:

The system shall integrate with a secure payment gateway to process transactions. Users shall be able to choose from various payment methods, such as credit card, debit card, or PayPal.

2.6 Order Management:

The system shall provide an order management module that allows sellers to manage their orders. Sellers shall be able to view the order details, update the order status, and generate invoices.

2.7 Customer Management:

The system shall provide a customer management module that allows sellers to manage their customers. Sellers shall be able to view the customer details, such as their contact information and purchase history.

Summary of your task

E-commerce outlines the functional and non-functional requirements of an online commercial transaction platform between buyers and sellers. The system will include features such as user registration and authentication, product catalogs, shopping carts, checkout and payment processing, order management, and customer support. The system must also comply with legal regulations, be developed using open-source technologies, and be scalable and reliable. Dependencies on third-party services are assumed, and the system is designed to be user-friendly and accessible to users with disabilities.

Assessment Parameter



Submission Github



https://github.com/ParuchuriPavan/Group_A54_8

Thank you!

