E- COMMERCE DOCUMENTION

1. INTRODUCTION

Overview about the E commerce Application:

E – commerce is Web Application which is basically used for the buying and selling of products or items via Internet . And this application is designed in such a way that user can easily select their role i.e., whether they want to act as seller for selling the product of they want act as buyer for buying the products.

**FEATURES OF E-COMMERCE APPLICATION:**

* User can be able to Register them as SELLER or BUYER.
* Seller can easily track their selling.
* Seller will be able to list their product.
* Buyer can be able to buy the product.
* Efficient Payment.
* Fast loading time.

**COMPONENTS USED IN THIS APPLICATION:**

1. NEW USER REGISTERATION: If the user is first time trying to login in Application then have to Register himself/herself.
2. ROLE SELECTION : will be able to select their role whether they are ADMIN or USER.
3. USER ROLE SELECTION: User will be able to select their role whether they are buyer or seller.
4. LOGIN PAGE: If the user is already registered then they can login from Login page.
5. PRODUCT SEARCH : Search bar will be provided for user to search the item to buy.
6. CATEGORY SELECTION: Buyer will be able to choose the category in which want to buy the product like , Kitchen,Phones,etc.
7. PAYMENT: Payment option should be there while buying the product
8. PRODUCT DETAILS: After choosing the item it must show its features and details.
9. CART: Buyer should be able to add the product into cart for later buying
10. REVIEW AND COMMENT: User must be able to efficiently give the review of the product.
11. FEEDBACK: User must be able to give the feedback after using the application.
12. ADMIN DSASHBOARD: The admin of the website Should be able to see all the activity of the User like No. of item sold, no. of item purchased.
13. **FUNCTIONAL REQUIREMENT**

* ROLE MANAGEMENT:

Admin role: Allow To choose Login as Admin

User role: Allow to choose as User

* USER ROLE MANAGEMENT:

Seller: Allow User to choose As Seller who wants to sell the item

Buyer: Allow user to choose as Buyer to buy the product

* ADMIN MANAGEMENT:

Admin of the website can be able to track all the transaction , buying, selling

No. of user Registered.

* PRODUCT MANAGEMENT:

Product Searching: Buyer can be able to search the product

Product Listing: Seller can be able to list the product to sell

Product Tracking: Seller can be able to track their selling

Product Pricing : Seller can be able to upload product with price details and buyer can able to see that.

* BUYING AND PAYMENT:

Buying Item: Buyer can be able to select and buy the product and procced with the payment

Payment Gateway: Payment gateway must be used for easy payment.

* FEEDBACK SYSTEM:

Rating: User can be able to rate his experience with the application.

Review: User must be able to Write their feedback.

* CUSTOMER SERVICE:

Call: User must be able to call to the given customer support no.

Chat: User should be allowed for chat support

1. NON-FUNCTIONAL REQUIREMENT:

* RESPONSE TIME: Application must Load the webpages or content Very Fast
* RESPONSIVENESS: Application must be built with feature of Responsiveness and can be able to open in different devices.
* MINIMUM ERROR: User should not encounter any error while performing any task.
* MAINTENANCE: Application support must be provided if any bug is encountered
* ENCRYPTION: Users Data encryption is most important requirement while doing any transaction.
* USER INTERFACE: It must be customer friendly.

1. TECHNOLOGY REQUIRED:

* FRONTEND: BOOTSTRAP,HTML,CSS,JAVASCRIPT
* BACKEND: JAVA
* DATABASE: MYSQL