Phoenixmart123@gmail.com

Phoenix mart

**Team Members**

Arju Adhikari

MD Aashif Ansari

Nimisha Raut

Sajil Maharjan

Requirement Catalogue

MOSCOW RULE

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# Functional Requirement

## Product

|  |  |  |
| --- | --- | --- |
| **Requirement ID** | **Description** | **MoSCoW** |
| **A1** | **All products need details.** |  |
| A1-01 | Each product is assigned with unique identifier. | M |
| A1-02 | Product should be associated with individual trader. | M |
| A1-03 | Product require short name with price and stock. | M |
| A1-04 | Product has description, quantity, minimum and maximum order. | S |
| A1-05 | Allergy information are stated for products. | C |
| A1-06 | Product can be represented with multiple images. | C |
| A1-07 | Products has discount offer. | C |
| **A2** | **An interface to navigate product and shop.** |  |
| A2-01 | Product will be displayed with minimally with thumbnail image, name, price. | M |
| A2-02 | User will be able to browse product by shop and product type. | S |
| A2-03 | Search Bar for user to search required product through text input. | S |
| A2-04 | Feature to filter and sort product according to price, name, top selling, high rating and new arrivals. | S |
| **A3** | **An interface to add products in cart and wish list.** |  |
| A3-01 | Registered user will be able to add products on their cart. | M |
| A3-02 | Feature to delete product from wish list and cart. | S |
| A3-04 | Registered user can save products in wish list. | C |
| **A4** | **An interface for review and rating for product.** |  |
| A4-01 | Product can have text review after being purchased. | S |
| A4-02 | Product can have text start rating after being purchased. | C |

## Customer

|  |  |  |
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| **Requirement ID** | **Description** | **MoSCoW** |
| **B1** | **An interface to register for new user.** |  |
| B1-01 | Registration requires minimally name, unique email, password, contact, DOB and address. | M |
| B1-02 | Email authentication is required for account activation. | S |
| B1-03 | Password strength needs to be checked. | S |
| B1-04 | Password needs to be re-entered to match. | C |
| **B2** | **An interface for user login.** |  |
| B2-01 | Customer can login with unique email and password. | M |
| B2-02 | Login form will pop up when user accesses cart in not logged in state. | S |
| B2-03 | Customer can re access account with forget password option. | C |
| **B3** | **An interface to view and update profile.** |  |
| B3-01 | A logged in user can view their personal information except password. | S |
| B3-02 | Updating of information requires email verification. | S |
| B3-03 | User can add profile picture. | C |
| **B4** | **Customer should be able to view product.** |  |
| B4-01 | Customer can navigate product by shop and category. | M |
| B4-02 | Product needs to be viewable in every device. | M |
| B4-03 | Search box to find specific product required. | S |
| B4-04 | Sorting option based on various criteria. | S |
| B4-05 | Recommended and related products will be displayed. | C |
| B4-06 | Customer can report inappropriate product. | C |
| **B5** | **Customer has access to cart.** |  |
| B5-01 | Customer needs to be logged in to add product to cart. | M |
| B5-02 | Cart products will be viewed with respective quantity and price. | S |
| B5-03 | Cart product can be managed by removing or updating product quantity. | S |
| B5-04 | Adding existing product to cart will increase quantity. | C |
| **B6** | **Customer has wish list.** |  |
| B6-01 | Customer can add and remove product from wish list. | C |
| **B7** | **An interface to place order.** |  |
| B7-01 | User needs to select collection slot. | M |
| B7-02 | Total amount to be paid will be displayed to confirm order. | S |
| B7-03 | User can choose to make payment via PayPal or stripe | S |
| B7-04 | Payment success will lead to removal of purchased product from cat. | C |
| B7-05 | Payment failure will result in cart product being unchanged. | C |
| B7-06 | Coupon can be used to get discount on the overall order. | C |
| B7-07 | Order summary will be displayed after order is made. | C |
| B7-08 | Email invoice will be sent to user. | C |
| B7-09 | Customer can order directly with buy now without the need of adding to cart step. | C |
| **B8** | **An interface to review product.** |  |
| B8-01 | Customer can leave a review after purchased order is picked up. | S |
| **B9** | **An interface to view order details.** |  |
| B9-01 | Customer can view their order history | C |
| B9-02 | Customer can track order status. | C |

## Trader

|  |  |  |
| --- | --- | --- |
| **Requirement ID** | **Description** | **MoSCoW** |
| **C1** | **An interface for trader registration and login.** |  |
| C1-01 | Registration requires minimally unique email, password, contact, shop details, registration date, address. | M |
| C1-02 | Registration requires approval from admin for activating account | M |
| C1-03 | Registered trader can login using email and password. | M |
| C1-04 | Password require at least one upper case, one lower case, number and special character. | S |
| C2 | **An interface to view and update profile.** |  |
| C2-01 | Trader can view their personal information except password. | S |
| C2-02 | Updating of information requires email verification. | S |
| C2-03 | Trader can add profile icon. | C |
| **C3** | **Trader can manage product and shop.** |  |
| C3-01 | Trader can add or deactivate shop. | M |
| C3-02 | Addition of shop requires admin approval. | M |
| C3-03 | Trader can add, disable and update product details. | M |
| C3-04 | Trader can add maximum of 2 shop. | S |
| C3-05 | Trader can report product of other trader in case of duplication. | C |
| **C4** | **Access to dashboard and reports.** |  |
| C4-01 | Trader can login to apex using same credentials used during registration. | M |
| C4-02 | Trader is provided with daily order report. | M |
| C4-03 | Trader gets details of order for their shop products only. | M |
| C4-04 | Trader does not have access to other trader’s products. | M |
| C4-05 | Trader will have access to daily, weekly and monthly report. | M |
| C4-06 | Trader can sort and filter details in report. | C |
| C4-07 | Traders can view their own calendar. | C |

## Management

|  |  |  |
| --- | --- | --- |
| **Requirement ID** | **Description** | **MoSCoW** |
| **D1** | **An apex login interface.** |  |
| D1-01 | Admin can login using their email and password. | M |
| **D2** | **Manage trader and user.** |  |
| D2-01 | Admin needs to give approval for trader and shop registration. | M |
| D2-02 | Admin can disable trader, shop, product and user. | M |
| D2-03 | Admin can have access to trader account. | M |
| D2-04 | Admin can edit product category and collection slot. | S |
| D2-05 | Admin can provide discount coupon. | C |
| D2-06 | Admin can delete reviews. | C |
| **D3** | **Management reports** |  |
| D3-01 | Report will be generated for overview of all traders, shops, products and users. | M |
| **D4** | **Payment** |  |
| D4-01 | Admin can settle payment to traders on weekly basis. | C |

# E. Non-Functional Requirement

|  |  |
| --- | --- |
| **Requirement ID** | **Description** |
| E1 | Website is responsive and viewable in tablet, mobile and desktop through most popular browsers. |
| E2 | Website loading time should be as minimum as possible. |
| E3 | Website supports many customers to browse the products. |
| E4 | The website will have user friendly interface. |
| E5 | Encryption of password before storing for security. |
| E6 | Code with proper indentation and comments for easier debugging and maintenance. |
| E7 | Prevention of SQL injection to protect data. |
| E8 | Website will reflect heritage of Cleckhuddersfax. |
| E9 | Audit table to track changes and provide data security. |