CLECKHUDDERSFAX ONLINE MART

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**Functional Requirements**

**Part A: Product Interface**

|  |  |  |
| --- | --- | --- |
| Requirement Id | Description | MOSCOW |
| **A1** | **This interface describes the requirements of the items in the website** |  |
| A1-01 | All products should be unique and should not overlap | M |
| A2-02 | All items in the website will have a thumbnail, a short name, a short description, and item price | S |
| A3-03 | Add to favorites will be shown next to the item thumbnail for registered users | C |
| A4-04 | Add to cart will be shown next to the item thumbnail for registered users | S |
| **A2** | **An interface to allow customers to view items** |  |
| A2-01 | Customer as well as trader should be able to view product in mobile, desktop as well as in popular web browsers | M |
| A2-02 | Users will be able to sort items displayed appropriately e.g. alphabetical, date, price etc. | S |
| A2-03 | Users will be able to sort/search items based on multiple search criteria | C |
| A2-04 | Users will be able to search for items by open text search | S |

**Part B: Customer Interface**

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| --- | --- | --- |
| Requirement Id | Description | MOSCOW |
| **B1** | **The interface to allow customer to shop the products** |  |
| B1-01 | Users should be able to navigate to products by shop or products type | M |
| B1-02 | Users are required to register before they can place order | M |
| B1-03 | Users should be able to review and update their account details | S |
| B1-04 | Users should be provided with a single basket that holds goods that spans all traders and requires a single payment | M |
| B1-05 | Customers will be able to remove the products from their basket | S |
| B1-06 | Customers can view their order details and total price | S |
| B1-07 | Customers will be provided with collection slot for Wed, Thus, Fri from where they can collect their goods. | S |
| B1-08 | Customer will be able to order maximum 20 orders at a time | S |
| **B2** | **An interface to allow customers to temporarily store the products in the favorites collection** |  |
| B2-01 | An add to favorite page will be provided to the customer to save the items they might want to buy later | C |
| B2-02 | Favorites Page will be displayed for registered customers only | C |
| B2-03 | Users will be able to remove individual items or clear all |  |
| **B3** | **An interface that allows customers to comment and review** |  |
| B3-01 | Customers will be able to leave review to any products in the website | S |
| B3-02 | Customer will be able to rate the product | C |

**Part C: Trader Interface**

|  |  |  |
| --- | --- | --- |
| Requirement Id | Description | MOSCOW |
| **C1** | **This interface allows registered traders to manage the activities on the website** |  |
| C1-01 | Traders should be able to manage the products/information of their shop. | M |
| C1-02 | Traders will be able to update, delete, add products | M |
| C1-03 | All products will have a unique ID, association with a trader, a short name, description, an item price, quantity per item, stock available, minimum order, maximum order, allergy information | M |
| C1-04 | Admin login will be able to access the any trader account | M |
| C1-05 | Trader login that allows them to view and update their account details | M |
| C1-06 | Traders will login to database to view reports on orders, stock levels | M |
| C1-07 | During update of products, the trader will be provided with a pre-populated form from the current details | S |

**Part D: Management Interface**

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| --- | --- | --- |
| Requirement Id | Description | MOSCOW |
| **D1** | **This interface allows management to control the overall activities of the website** |  |
| D1-01 | A management dashboard is required | M |
| D1-02 | The dashboard will give traders the access of daily and periodic reports | M |
| D1-03 | Reports should be given to the traders to identify the goods and quantities that have been ordered | M |
| D1-04 | Weekly finance reports will be given to the traders for the orders that have been delivered | S |
| D1-05 | Monthly reports of product sales will be provided to the traders | M |
| D1-06 | Admin can deactivate/delete the trader account on required conditions | S |

**Part E: Login and Register Interface**

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| --- | --- | --- |
| Requirement Id | Description | MOSCOW |
| **E1** | **This interface allows registered customers to log in.** |  |
| E1-02 | A login link will be available on every page of the site | S |
| E1-03 | Server validation for the user in case of attempt of incorrect details | S |
| E1-04 | User registration and account updates should be confirmed via email | S |
| E1-05 | A login form to collect username or email and password will be provided | M |
| E1-06 | Logged in users will be able to edit their account information | M |
| **E2** | **This interface allows new customer and trader to register** |  |
| E2-01 | A registration form to collect First name, Last name, email, contact number, address, password, including the checkbox for terms and conditions for new users. | M |
| E2-02 | Forms to collect First name, Last name, Email, contact number, shop name, address and password including a checkbox for terms and conditions for traders. | M |
| E2-03 | Validation to make sure all fields are filled | S |
| E2-04 | Password should be encrypted before storing in the website | S |
| E2-05 | Validation techniques to make sure the data in the form are filled in a valid and appropriate way | S |

**Non-functional Requirements**

|  |  |  |
| --- | --- | --- |
| Requirment Id | Description | MOSCOW |
| **F1** | **The following non-functional requirements will be met by the Website** |  |
| F1-01 | HTML/CSS template suited to requirements | M |
| F1-02 | Template applied consistently throughout the site | S |
| F1-03 | Site built for maintainability: Files organized, comments added, HTML using includes, bespoke functions | S |