## Requirement Catalogue

## Functional Requirement

* Part A: Customer Interface

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| A1 | **An interface to allow customers to view items.** |  |
| A1-01 | Customers will able to display items by category. | M |
| A1-02 | Users should be able to navigate to products by shop or by product type. | M |
| A1-03 | Customers will able to search for items to find product instantly. | M |
| A1-04 | Customers will able to sort things displayed fittingly like: price, date, alphabetical etc. | S |
| A1-05 | Customers will able to search items by alphabetical. | S |
| A2 | **Login and Registration** |  |
| A2-01 | Customers should be provided with a register form before they can place an order. | M |
| A2-02 | Customers will be able to review and update their account details. | M |
| A2-03 | Registration and account updates should be confirmed through interaction with emails. | M |
| A2-04 | If customer want to register again with the same email address, and unfortunately, if the customer forget their email, they can easily reset their password. | S |
| A3 | **Cart functionality for customers** |  |
| A3-01 | Customers should be provided with a single basket that holds goods that spans all traders and requires a single payment. | M |
| A3-02 | Customers has facility to update and delete products from cart list. | M |
| A3-03 | Customers can register or login their account before they can order and be logged into access the basket. | M |
| A3-04 | A virtual cart that allows customers to select multiple products at once before checkout. | S |
| A3-05 | A view cart page for reviewing the selected items. | S |
| A4 | **Payment system for customers** |  |
| A4-01 | Customers has facility with an online payment system. | M |
| A4-02 | Customers will able to provide with a bill of products in their cart before checking out. | M |

* Part B: Trader Interface

|  |  |  |
| --- | --- | --- |
| Requirement ID | Description | MoSCoW |
| **B1** | **An interface for traders** |  |
| B1-01 | Traders should be able to manage their products and information on their shops via a web interface. | M |
| B1-02 | Traders will be able to deactivate their account. | M |
| B1-03 | Traders should be able to view their products and also update their account details. | M |
| **B2** | **Registration for traders** |  |
| B2-01 | Server-side validation of all form objects to ensure none of the fields are empty. | S |
| B2-02 | Verifying traders by validating their email. | M |
| B2-03 | Before storing the password in the database it should be encrypted. | C |
| **B3** | **Login portal for traders** |  |
| B3-01 | A login form to collect username/email and password. | M |
| B3-02 | An option for forget password which redirects to the link for changing password to the user email. | W |
| **B4** | **An interface to use the CRUD functionality for traders** |  |
| B4-01 | Traders will be able to add/delete/update their products. | M |
| B4-02 | Traders will be able to manage their products and information. | M |
| B4-03 | All products added will have a unique ID and will be associated with the traders. | M |
| B4-04 | Traders will have the option for providing discounts on their products. | S |
| **B5** | **An interface for reports and accessibility** |  |
| B5-01 | Traders will get their daily/weekly/monthly invoice for their sales in their website. | M |
| B5-02 | Traders can see the ratings on their products. | C |
| B5-03 | Traders will be able to get their financial report and the statement on request. | C |
| B5-04 | Traders can change their collection slot. | W |

* Part C: User Interface

|  |  |  |
| --- | --- | --- |
| Requirement ID | Description | MoSCoW |
| **D1** | **Registration interface** |  |
| D1-01 | A form that collects detail of the user. | M |
| D1-02 | QR code shall be provided for signing in. | W |
| **D2** | **Login interface** |  |
| D2-01 | The user will be able to view the products. | M |
| D2-02 | The user will be able to search and also sort items accordingly with their requirement. | M |
| D2-03 | A categorize option is also available to the user. | M |

#### Part C: Management

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| C1 | **Management Dashboard** |  |
| C1-01 | The management dashboard link will be provided that display the activities of traders. | M |
| C1-02 | Traders can get access to view daily and periodic reports via management dashboard. | M |
| C1-03 | When the traders will login, management will provide the report that will identify the ordered goods along with their quantities. | M |
| C1-04 | Management will furnish the traders with weekly financial report that will identify payments to be made. | M |
| C1-05 | The report should cover only orders that have been collected from collection slot. | M |
| C1-06 | Monthly product sales report will be presented to traders by the management with the provision of sorting. | M |
| C1-07 | The management will get daily turnover report in the dashboard. | C |
| C2 | **Login Privilege** |  |
| C2-01 | Login form will be provided to the management that will direct to the management dashboard. | M |
| C2-02 | Management will be able to access the e-commerce website. | M |
| C3 | **Management Accessibility** |  |
| C3-01 | The management will be able to delete inappropriate products in the website. | M |
| C3-02 | The management will be able to accept or decline new trader requests. | S |
| C3-03 | Management can do deactivation of traders and customers account. | S |
| C3-04 | The management will be able to send email verification to customers and traders. | M |
| C3-05 | The management will be able to provide new login credentials. | S |