## Team Name: Team Epsilon

## Requirement Catalogue

### Functional Requirements

#### Part A: Customer

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| A1 | **An interface to allow customers to view items** |  |
| A1-01 | Customers should be able to navigate to products by shop or by product type. | M |
| A1-02 | Customers will be able to display items by category. | M |
| A1-03 | Customers will be able to search for items by open text search. | M |
| A1-04 | Customers will be able to sort items displayed appropriately e.g. alphabetical, date, price etc. | S |
| A1-05 | Customers will be able to sort/search items based on multiple search criteria | S |
| A2 | **Cart functionality for Customers** |  |
| A2-01 | Customers should be provided with a single basket that holds goods that spans all traders and requires a single payment. | M |
| A2-02 | Customers should be required to register before they can place an order and be logged in to access the basket. | M |
| A2-03 | Customers will be able to update or delete products in their cart list. | M |
| A3 | **Login and Registration Facility** |  |
| A3-01 | Customers should be able to review and update their account details. | M |
| A3-02 | Registration and account updates should be confirmed through interaction from email. | M |
| A3-03 | Customers will be provided with a form to register to the website. | M |
| A3-04 | Customers will be able to deactivate or delete their account. | M |
| A4 | **Payment system for the Customer** |  |
| A4-01 | Customers will be provided with a bill of products in their cart before checking out. | M |
| A4-02 | Customers will be provided with an invoice after the checkout is complete. | M |
| A4-03 | Customers will be provided with timeslots for the collection of products. | M |
| A4-04 | Customers will be provided with an online payment option. | M |

#### Part B: Trader

| 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 |
| B2-02 | Traders should be able to view and update the details of their account. | M |
| B2-03 | Traders will be able to deactivate their account. | M |
| B2-04 | Traders will be provided with terms of agreement and verification to create their account | M |
| B2 | **An Interface for traders to use CRUD functionality** |  |
| B2-01 | Traders will be able to add product items. | M |
| B2-02 | Products added will have a unique id and be associated to the trader. | M |
| B2-03 | Traders will be able to edit their product details. | M |
| B2-04 | Traders will be able to delete their product | M |
| B2-05 | Traders will be given the option to provide discount on their products. | S |
| B3 | **Reports and Accessibility** |  |
| B3-01 | Traders will receive invoice for their sales on the website. | M |
| B3-02 | Traders will be able to view their product rating. | C |
| B3-03 | Traders will be provided with periodic reports on orders and stock levels in their account. | S |
| B3-04 | Traders will be provided with their financial report and statement on request. | C |
| B3-05 | Traders will be able to view comments on their products. | W |
| B3-06 | Traders will be able to change their collection slot details. | W |

#### Part C: Management

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| C1 | **Login Privilege** |  |
| C1-01 | Login will be provided for the management which will direct the to the management dashboard. | M |
| C1-02 | Management will also be able to access the website. | M |
| C2 | **Management Dashboard** |  |
| C2-01 | An active management dashboard link will be provided once an admin user has logged in. | M |
| C2-02 | The management page will display all activities of traders. | M |
| C3-03 | The management will have the facility to monitor trader activity. | S |
| C4-04 | The management will be able to block trader if the trader violates the terms of agreement. | M |
| C1-05 | The management will be able to accept or decline new trader requests. | S |
| C1-06 | The management will get the daily financial turnover report in the dashboard. | C |
| 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 deactivate customer and trader account. | M |
| C3-03 | The management will be able to provide new login credentials. | M |
| C3-04 | The management will be able to send email verification to customers and traders. | M |

#### Part D: User

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| D1 | **Registration** |  |
| D1-01 | Registration form will be provided to new users. | M |
| D1-02 | Users will be provided with email verification before signing in on the website. | M |
| D1-03 | The user will be provided with the option to change their password through email verification in the case they forget their password. | C |
| D2 | **View items on the interface** |  |
| D2-01 | The user will be able to view items on the e-commerce platform. | M |
| D2-02 | The user will be able to sort items on the website. | M |
| D2-03 | The user will be able to search for item on the website. | M |
| D2-04 | The user will be able to categorize items on the website. | M |

### Non-Functional Requirements

| Requirement ID | Description | MoSCoW |
| --- | --- | --- |
| D1 | **The website will comply with the following non-functional requirements.** |  |
| D1-01 | HTML/CSS template will be used as suited to requirements. | M |
| D1-02 | The template will be applied consistently throughout the site. | S |
| D1-03 | Third party plugins will be used for extra functionality. | C |
| D1-04 | Laravel framework will be used to create the website. | S |
| D1-05 | JavaScript will be used for web functionality. | S |
| D1-06 | The customers will be able to view their purchase records. | W |
| D1-07 | The customers would be able to like or dislike comments on the products. | W |
| D1-08 | Product offers and advertisements would be provided to the customers via email. | W |
| D1-09 | Customers would be able to share products on their social media handles. | W |
| D1-10 | The web interface will be made responsive for use across multiple devices. | S |