**Functional Requirement**

According to the role divider

**Team members**

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**Requirements Catalogue**

**Functional Requirement**

1. **Product**

|  |  |  |
| --- | --- | --- |
| **Requirement Id** | **Description** | **MosCow** |
| **A1** | **All products should have details** |  |
| A1-1 | Products must have unique ID | M |
| A1-2 | Products must be associated with trader | M |
| A1-3 | Products must have name and price | M |
| A1-4 | Products must have description, quantity, min order, max order and stock availability | M |
| A1-5 | Products could have allergy information | C |
| A1-6 | Occasionally, products may have discounts | C |
| **A2** | **An interface to view products and shops** |  |
| A2-1 | Items must be displayed with image and short description | M |
| A2-2 | Every product must have an add to cart link | M |
| A2-3 | User must be able to display items by products or by shops | M |
| A2-4 | Users should be able to display items by category | S |
| A2-5 | User should be able to search for items by using text search | S |
| A2-6 | User could be able to give review on the products | C |

1. **Customer**

|  |  |  |
| --- | --- | --- |
| **Requirement Id** | **Description** | **MosCow** |
| **B1** | **Login and register by customer** |  |
| B1-1 | Customer must be able to login by username and password | M |
| B1-2 | New registration minimally requires name, password, email | M |
| B1-3 | Username verification and password strength verification | M |
| B1-4 | User should be able to update their account | S |
| B1-5 | Verification link to the customer | S |
| **B2** | **Customer should be able to view products** |  |
| B2-1 | Customer must be able to sort and search products | M |
| B2-2 | Customer must be able to view product details and reviews | M |
| B2-3 | Customer should be able to give reviews. | S |
| **B3** | **Customer cart and choice** |  |
| B3-1 | Customer must be able to add products in the cart | M |
| B3-2 | Customers will have maximum 20 orders limit | M |
| B3-3 | A customer must have a single basket that holds all goods and require single payment | M |
| B3-4 | Customer will be able to update and remove products in the cart | S |
| B3-5 | Customer could view the total product price | C |
| **B4** | **Payment and collection** |  |
| B4-1 | Customer must be able to select collection slot and time slot | M |
| B4-2 | Payment must be done by PayPal | M |
| B4-3 | Customer must login before placing any order | M |
| B4-4 | Customer collection slot must be at least 24 hours after placing the order. | M |

1. **Trader**

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| --- | --- | --- |
| **Requirement Id** | **Description** | **MosCow** |
| **C1** | **Login and register by trader** |  |
| C1-1 | A trader must have different login | M |
| C1-2 | A trader inorder to register must minimally input trader details, trader’s shop type | M |
| C1-3 | Trader’s registration confirmation through email | M |
| C1-4 | Traders could be able to view and update their accounts | C |
| **C2** | **Shop of traders and their products** |  |
| C2-1 | Traders must have at least one shop each | M |
| C2-2 | Different trader product lines must not overlap | M |
| C2-3 | Traders should be able to add/ update/ delete product of their shops. | S |
| C2-4 | Traders could provide occasional discounts on the products | C |
| **C3** | **Payment of trader** |  |
| **C4** | **Reports** |  |
| C4-1 | Traders must be able to run reports daily on ordered goods. | M |
| C4-2 | Traders should be able to view weekly finance reports | S |
| C4-3 | Traders are provided with a monthly report on their product sales | S |

1. **Management**

|  |  |  |
| --- | --- | --- |
| **Requirement Id** | **Description** | **MosCow** |
| **D1** | **Login** |  |
| D1-1 | Management must have a separate login | M |
| D1-2 | Management must be able to look over customers account and traders account | M |
| D1-3 | The management can deactivate traders account | C |
| **D2** | **Dashboard and Supervision** |  |
| D2-1 | Management must be able to supervise products for any duplication | M |
| D2-2 | Management will be able to delete inappropriate reviews | S |
| **D3** | **Reports** |  |
| D3-1 | Management can view different reports to the traders | C |

**Non-Functional Requirement**

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| --- | --- | --- |
| **Requirement Id** | **description** | **MosCow** |
| **E1** | **The website will comply with the following nonfunctional requirements.** |  |
| E1-1 | The website must be responsive as it will be able to be viewed from desktop as well as other mobile devices | M |
| E1-2 | Information security | M |
| E1-3 | The website will have less loading time | S |
| E1-4 | Quality of website | S |
| E1-5 | Better user experience | S |
| E1-6 | No bug Weekly testing | S |
| E1-7 | Weekly testing | C |