

Functional/Non-functional Requirements for Hudders-Mart

(MoSCoW)



GeekLords

1. **Product**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Description** | **MoSCoW** |
| **A1** | **An Interface to view products and Shops** |  |
| A1-1 | Display of unique Product ID for each product | Must |
| A1-2 | Display Product Name along with the name of Associated Trader, an item price, quantity per item and image of the product | Must |
| A1-3 | Description of the Product | Should |
| A1-4 | Display of maximum and minimum order limit | Must |
| A1-5 | Display of Allergy Information | Should |
| **A2** | **Browse products in multiple ways** | **Must** |
| A2-1 | Option to search products by shops | Must |
| A2-2 | Option to search Products by product’s name and product type | Must |
| A2-3 | Option to sort products by price | Should |
| A2-4 | Option to sort products by rating | Could |
| A2-5 | Option to sort products alphabetically | Could |
| A3 | **Availability of cart for registered users** |  |
| A3-1 | Products can be added to cart once the user has registered and signed in | Must |
| A3-2 | Single basket to hold goods from multiple traders and shops | Must |
| A3-3 | Users can remove products from basket | Must |
| A3-4 | Users can add products to Wishlist for future | Could |
| **A4** | **Collect products from the collection point** |  |
| A4-1 | Users can select suitable collection slot to collect their products | Must |
| A4-2 | Users can place up to 20 orders per slot | Must |

1. **Customer**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Description** | **MoSCoW** |
| **B1** | **User Registration and Login** |  |
| B1-1 | Customers need to register to buy products through the website | Must |
| B1-2 | Users need to enter their email and password to login | Must |
| B1-3 | Users can alternately login through Facebook, google or twitter account | Could |
| B1-4 | Users will be able to view and edit their details | Must |
| B1-5 | Registration and account update is completed through interaction with email | Should |
| **B2** | **User’s Cart and Orders** |  |
| B2-1 | Users need to login to place orders in the cart | Must |
| B2-2 | The user’s cart information persists even after logging out | Should |
| B2-3 | Each user has only one cart | Must |
| B2-4 | Users can edit and remove products from the cart | Must |
| **B3** | **Payment and Collection** |  |
| B3-1 | Users can pay for multiple products from multiple stores through single payment | Must |
| B3-2 | Users can make the payment through PayPal | Must |
| B3-3 | Users need to select a suitable collection slot | Must |
| B3-4 | Users can provide reviews to the products and traders | Must |
| B4-5 | Users can provide rating to the products after they have bought the product | Should |
| B4-6 | Customers get an invoice of their purchase after the order and payment is complete | Must |
| B4-7 | Customers can print the invoice through the printer | Could |

1. **Trader**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Description** | **MoSCoW** |
| **C1** | **Trader Account Registration & Login** |  |
| C1-1 | Traders need to register as traders to sell products | Must |
| C1-2 | New trader account needs to be verified and approved by the admin | Must |
| C1-3 | Traders can update their account details | Must |
| C1-4 | Traders can delete their accounts when ever they want | Should |
| C1-5 | Admin can login to any of the trader’s account | Must |
| C1-6 | Admin can delete any of the traders account | Must |
| C1-7 | Admin can send warning to individual traders for any misconduct | Should |
| **C2** | **Product Management** |  |
| C2-1 | Traders can add new products | Must |
| C2-2 | Traders can update their product information | Must |
| C2-3 | Traders can delete their product information | Must |
| C2-3 | Traders can provide offers and discount to the customers | Could |
| C2-4 | Each trader must have at least one shop | Must |
| **C3** | **Reports and Database** |  |
| C3-1 | Traders have access to their individual database | Must |
| C3-2 | Traders can view reports on their sales, orders, stock levels etc. | Must |
| C3-3 | Traders can view the reports in various forms of graphical and pictorial representations | Should |
| C3-4 | Traders can make a hardcopy printout of the reports | Could |
| C3-5 | Traders can compare their weekly/monthly reports with the previous week/month’s sales | Would |
| C3-6 | Traders can run the reports ordered in number of ways: alphabetically, by total number of orders per product, total income per product. | Should |
| **C4** | **Sales, Finance and Payment** |  |
| C4-1 | Traders can receive their payments through PayPal. | Must |
| C4-2 | Traders receive daily reports on their orders | Must |
| C4-3 | Traders receive weekly finance report | Must |
| C4-4 | Traders receive monthly reports on sales | Must |

1. **Management**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Description** | **MoSCoW** |
| **D1** | **Management Dashboard** |  |
| D1-1 | A separate management dashboard is available for each trader | Must |
| **D2** | **Reports** |  |
| D2-1 | Dashboard provides the traders access to a range of daily and periodic reports. | Must |
| D2-2 | Daily report is provided to traders that identifies ordered products and quantities along with respective order-slot, customer-ID , product ID | Must |
| D2-3 | Weekly report is provided to traders through management dashboard through which traders can identify payments to be made to them resulting from the previous 7 days orders | Must |
| D2-4 | Traders will be provided with a monthly report on their product sales | Must |
| D2-5 | Periodic reports can be saved for future reference | Should |
| D2-6 | Reports can be printed through the management dashboard itself | Could |
| D2-7 | Traders can run the reports ordered in number of ways: alphabetically, by total number of orders per product, total income per product. | Should |
| **D3** | **Announcements** |  |
| D3-1 | Admin can make announcements through the management dashboard to all the traders | Could |
|  |  |  |

1. **Non-Functional Requirements**

* The information of the users must be kept private
* Admin can have access to the accounts of traders only not the customers
* The website should be viewable in any sort of devices.
* The design of the website should be as minimal as possible
* The user interface of the website needs to be simple and easy to understand
* The website needs to be as fast and efficient as possible
* The website should be scalable and ready to handle bigger traffic.