

3.1 Requirement Catalogue

3.1.1 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

Requirement ID	Description	MoSCoW
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

Requirement ID	Description	MoSCoW
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

Requirement ID	Description	MoSCoW
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