Group Name: Cleckhuddersfax E-Convenient Store
Functional Requirements

Part A: Product Interface

Requirement ID	Description	MoSCoW
A1	**An interface to allow customers to view products and buy them.**	
A1 – 1	All products will be displayed with a short name, a description, price, quantity, stock available, min order, max order, allergy information and will be associated with a trader.	M
A1 – 2	Users will be able to navigate to product by shop or by product type.	M
A1 – 3	Users will be able to search for products by open text search.	S
A1 – 4	Users will be able to sort products appropriately. Example: price, alphabets.	S
A1 – 5	Users will be able to search/sort items based on multiple search criteria.	C
A2	**The interface will allow customers to select products and add those products to cart for checkout.**	
A2 – 1	Logged in users will only be able to access the cart.	M
A2 – 2	Registration should be done in order to login and add products to cart.	M
A2 – 3	Users will be provided with a single cart to hold goods that spans all traders.	M
A2 – 4	A single cart will have a single payment.	M
A2 – 5	While placing and paying for an order collection slots should be identified in three slots in three different days i.e. 10-13, 13-16, 16-19 in the days Wednesday, Thursday and Friday.	M
A2 – 6	A cart will contain all the products added by the customer with name, short description, quantity and an image.	S
A2 – 7	A single cart can hold up to 20 products and a single payment is needed.	C
A3	**The interface to allow CRUD operations of products.**	

A3 - 1	Traders can add, delete and update products.	M
A3 – 2	Clicking the update will show a form pre-populated with all the details of the products. Submitting the form will update the chosen product and display the updated information of that product.	S
A3 – 3	A form will be provided to add a new product including all details and image.	S
A3 – 4	Clicking the delete will remove the chosen product and update the displayed catalogue of products.	S
A3 - 5	Management can delete the products that have very low sales.	S

Part B: Customer Interface

Requirement ID	Description	MoSCoW
B1	**A facility to allow registered users to login**	
B1 - 1	A login form to collect username and password will be provided.	M
B1 – 2	Server validation that informs users if they attempt to login using incorrect details.	M
B1 – 3	Login link will be displayed on every pages of the site.	C
B1 - 4	Reset password link will be provided if they forget their password.	C
B2	**A facility to allow new customers to register their account.**	
B2 - 1	A registration form that collects first name, last name, user name, password, email, address, age.	M
B2 - 2	A user should be able to validate account through email address.	M
B2 - 3	Customer account must be registered before they can place an order.	M
B2 – 4	Username must be unique to each customer.	M
B2 – 5	Account updates should be confirmed through emails.	M
B2 – 6	Validation of all form fields to ensure none of the field is empty or unchecked.	S
B2 – 7	Password must be encrypted before storing in the database.	C
B2 – 8	The password length must be 8-10 length.	C
B2 – 9	The username must have alphabets only.	C
B2 – 10	The password must have at least one capital letter, a number and a symbol.	C

Part C: Trader Interface

Requirement ID	Description	MoSCoW
C1	**An interface to allow trader to register their account.**	
C1 – 1	A form that minimally collects user id, user role, status, first name, last name, profile picture, status, dob, email.	M
C1 – 2	Username must be unique to each trader.	M
C1 – 3	Validation of all form fields to ensure none of the field is empty or unchecked.	S
C1 – 4	Password must be encrypted before storing in the database	C
C2	**An interface to allow registered trader to login.**	
C2 – 1	A trader login that allows them to access to their details only.	M
C2 – 2	A login form to collect username and password will be provided.	M
C2 – 3	Server validation that informs users if they attempt to log in using incorrect details.	M
C2 – 4	Trader should be able to view and update the details of their trader account.	M
C2 – 5	Trader login will allow them to view reports on orders and stock levels.	M
C2 – 6	Reset password link will be provided if they forget their password.	C

Part D: Management Interface

Requirement ID	Description	MoSCoW
D1	**A facility to allow authenticated admin users to manage the activities presented by the system.**	
D1 – 1	After logging in the admin will have the access to manage the dashboard.	M
D1 – 2	An interface to view the shop of each trader.	M
D1 – 3	Management can deactivate customers account.	C
D1 – 4	An interface will provide the traders access to range of daily reports of orders placed, weekly report of products sold and monthly report of sales. Monthly report will be able to be sorted alphabetically; total numbers of orders per products or total income per product.	M
D1 – 5	Email confirmation should be sent to trader after signing up.	S
D1 – 6	An interface to view the shop details of each trader.	S

Non - Functional Requirements

Part E: Non – functional Requirements

Requirement ID	Description	MoSCoW
E1	**The website will have the following non-functional requirements.**	
E1 - 1	HTML/CSS template suited to the requirements.	M
E1 – 2	The site should be viewable on mobile as well as desktop devices and viewable on the most popular browsers.	M
E1 – 3	Apex Oracle used for the back-end.	M
E1 – 4	Site built for maintainability: Files organized and comments added.	S
E1 – 5	Template applied consistently throughout the website.	S
E1 - 6	Implement Google map to locate the shops location.	W