The Clehuderfax e-chain

MoSCoW Rule

(Website Requirements Specification)

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Contents

[Part A: Customer Interface 3](#_Toc34581177)

[Part B: Registration and Login 4](#_Toc34581178)

[Part C: Trader Interface 5](#_Toc34581179)

[Part D: Admin Interface 6](#_Toc34581180)

[Part E: Management Interface 6](#_Toc34581181)

[Part F: Non-Functional Requirement 7](#_Toc34581182)

# Part A: Customer Interface

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| A1-F | **An Interface that allows the customers to view product** |  |
| A1F-01 | Users should be able to navigate products by shop or by product type. | **M** |
| A1F-02 | The product of each traders will not overlap, and products will be unique to them. | **M** |
| A1F-03 | Viewable on mobile as well as desktop devices and viewable on the most popular browsers. | **M** |
| A1F-04 | Each product will have name, product type, short description, quantity, price, image and traders. | **M** |
| A1F-05 | Customer registration and login system. | **M** |
| A1F-06 | Customer will be able to view ten shops. | **M** |
| A1F-07 | Customer will be able to check out and select collection slots. | **M** |
| A1F-08 | Customers will be able to make payment via online payment gateway. | **M** |
| A1F-09 | Users will be able to search products by open search. | **S** |
| A1F-10 | Users will be able to access their account and can update, edit, delete their account info including profile pictures. | **S** |
| A1F-11 | Users will be able to rate a product and provide a product review. | **S** |
| A1F-12 | Users will be able to sort products using filter such as price, ascending and descending order. | **S** |
| A2F | **The Interface will allow the customers to select activities to temporarily store in a favorites collection** |  |
| A2F-01 | Single basket that holds goods that spans all traders and requires a single payment. | **M** |
| A2F-02 | Customers will be able to view their orders | **M** |
| A2F-03 | Customers will be able to view total price | **M** |
| A2F-04 | The Cart will list product with a thumbnail image, price, quantity, total price and checkout or indicate no favorites are saved. |  |
| A2F-05 | Customers should be able to remove individual item or all from cart | **S** |
| A2F-06 | Customers should be able to shop again before checking out. | **S** |
| A2F-07 | Add to favorites link will appear for logged in users only. | **C** |
| A2F-08 | Add to favorites link will appear beside every product | **C** |
| A2F-09 | Customers should be able to clear individual or all item from favorites. | **C** |
| A2F-11 | The favorite’s page will list all favorites thumbnail image, product name and added time or indicate no favorites are saved. | **C** |

# Part B: Registration and Login

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| B1F | **Interface that allows new user registration and user login** |  |
| B1F-01 | A login form for collecting username/email and password. | **M** |
| B1F-02 | Login button will be displayed on every page if the user is not logged in. | **S** |
| B1F-03 | Registration form for unregistered user login attempt. | **M** |
| B1F-04 | Server-side validation for user registration and user login. | **S** |
| B1F-05 | Server validation that informs users if they attempt to  log in using incorrect details | **M** |
| B2F | **Interface for user and trader login** |  |
| B2F-01 | A form that collects first name, last name, email, address, mobile number, password and terms and conditions checkbox for user registration | **S** |
| B2F-02 | User registration confirmation through email address | **S** |
| B2F-03 | A form that collects first name, last name, email, address, mobile number, shop name, password and terms and conditions checkbox for trader registration | **S** |
| B2F-04 | Traders registration confirmation through email address | **S** |
| B2F-05 | Server-side validation so that none of the fields are left empty or filled with wrong data. | **S** |
| B2F-06 | Password should be encrypted before storing in database | **S** |
| B2F-07 | Application of appropriate functions and techniques  to combat security risks posed by data being entered  into form | **S** |
| B2F-08 | Application of appropriate functions and techniques  to ensure validity of data entered including valid  email; names - alpha only; password includes at least  one capital letter, a number and a symbol | **C** |

# Part C: Trader Interface

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| C1F | **Interface that allows allow authenticated traders to manage products** |  |
| C1F-01 | All products will have unique product ID, associated only with Trader. | **M** |
| C1F-02 | Traders should be able to login and access their details only. | **M** |
| C1F-03 | Homepage/dashboard for the trader | **M** |
| C1F-04 | Traders should be able to access CRUD operation for their shop products. | **M** |
| C1F-05 | Clicking the Delete link will remove the chosen item  and update the displayed catalogue of items. | **S** |
| C1F-06 | Clicking the update link will show a form prepopulated with all editable details. Submitting the  form will update the chosen item and display the updated item. | **S** |
| C1F-08 | A facility will be provided to allow for the upload of  new images for a new item when added. | **C** |
| C1F-09 | Traders should be able to edit and modify their trader account. | **C** |
| C1F-10 | Traders will be able to login to the database daily to view reports on orders and stock levels. | **S** |

# Part D: Admin Interface

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| D1F | **A facility to allow authenticated admin users to**  **manage the activities presented by the system** |  |
| D1F-01 | An active admin link will be provided once an admin  user has logged in. | **S** |
| D1F-02 | Admin home page or dashboard for admin | **M** |
| D1F-03 | The admin page will display all activities with the  option to create a new item, delete or update each  item. | **M** |
| D1F-04 | An admin login that can access any of the trader accounts. | **S** |

# Part E: Management Interface

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| E1F | **A facility to allow authenticated admin users to**  **manage the activities presented by the system** |  |
| EF-01 | A management dashboard is required. | **M** |
| EF-02 | Management dashboard should provide the traders access to a range of daily and periodic reports | **S** |
| EF-03 | Daily reports will be generated which will identify the goods and quantities that have been ordered. | **M** |
| EF-04 | Reports should be presented so that it is clear which delivery slots goods are required for and they will use this information to label goods for collection with a  customer ID and order ID as well as product details. | **M** |
| EF-05 | Traders will be provided with a weekly finance report which will identify payments to be made | **S** |
| EF-06 | Traders will be provided with a monthly report on their product sales | **S** |
| EF-07 | Report can be viewed ordered in several ways: alphabetically, by total number of orders per product, by total income per product. | **S** |

# Part F: Non-Functional Requirement

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| REQUIREMENT ID | DESCRIPTION | MOSCOW RULE |
| F1F | **The website will comply with the following nonfunctional requirements** |  |
| FF-01 | HTML/CSS template suited to requirements. | **M** |
| FF-02 | Website designed as per wireframe | **M** |
| FF-03 | Template applied consistently throughout the site | **S** |
| FF-04 | Site built for maintainability: Files organized,  comments added, HTML using includes, bespoke  functions. | **S** |