**ESMS’S REQUIREMENTS**

* Find product
* Add product
* Modify product
* Delete product
* View supplier's product
* Import goods
* Export invoice
* Issue warranty
* Check warranty
* View detailed product
* Find staff
* Modify staff
* Delete staff
* Create supplier
* Modify supplier
* Find supplier
* View change history of supplier
* Delete supplier
* View supplier
* Register
* Authentication
* Create customer
* Find customer
* Modify customer
* Delete customer
* View archived product
* View customer
* View staff
* Edit permission
* Add staff

* **Requirements Traceability Linkage Matrix**

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| **Requirement ID** | **Requirement Description** | **Related Requirements** |
| RQ-01 | Find product | RQ-03, RQ-05, RQ-08 |
| RQ-02 | Add product | RQ-04, RQ-08, RQ-12 |
| RQ-03 | Modify product | RQ-01, RQ-04, RQ-08 |
| RQ-04 | Delete product | RQ-02, RQ-03, RQ-08 |
| RQ-05 | View supplier's product | RQ-01, RQ-06, RQ-07 |
| RQ-06 | Import goods | RQ-05, RQ-07, RQ-11 |
| RQ-07 | Export invoice | RQ-05, RQ-06, RQ-11 |
| RQ-08 | Issue warranty | RQ-01, RQ-02, RQ-03 |
| RQ-09 | Check warranty | RQ-08, RQ-10, RQ-11 |
| RQ-10 | View detailed product | RQ-09, RQ-11, RQ-12 |
| RQ-11 | Find staff | RQ-06, RQ-09, RQ-10 |
| RQ-12 | Modify staff | RQ-02, RQ-09, RQ-10 |
| RQ-13 | Delete staff | RQ-11, RQ-12, RQ-14 |
| RQ-14 | Create supplier | RQ-13, RQ-15, RQ-16 |
| RQ-15 | Modify supplier | RQ-14, RQ-16, RQ-17 |
| RQ-16 | Find supplier | RQ-14, RQ-15, RQ-17 |
| RQ-17 | View change history of supplier | RQ-16, RQ-18, RQ-19 |
| RQ-18 | Delete supplier | RQ-17, RQ-19, RQ-20 |
| RQ-19 | View supplier | RQ-17, RQ-18, RQ-20 |
| RQ-20 | Register | RQ-19, RQ-21, RQ-22 |
| RQ-21 | Authentication | RQ-20, RQ-22, RQ-23 |
| RQ-22 | Create customer | RQ-21, RQ-23, RQ-24 |
| RQ-23 | Find customer | RQ-22, RQ-24, RQ-25 |
| RQ-24 | Modify customer | RQ-23, RQ-25, RQ-26 |
| RQ-25 | Delete customer | RQ-24, RQ-26, RQ-27 |
| RQ-26 | View archived product | RQ-25, RQ-27, RQ-28 |
| RQ-27 | View customer | RQ-26, RQ-28, RQ-29 |
| RQ-28 | View staff | RQ-27, RQ-29, RQ-30 |
| RQ-29 | Edit permission | RQ-28, RQ-30 |
| RQ-30 | Add staff | RQ-28, RQ-29 |

* **Requirements Source Traceability Matrix**

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| Requirement ID | Requirement Description | Source(s) |
| RQ-01 | Find product | Business Requirements Document, User Feedback |
| RQ-02 | Add product | Business Requirements Document, Product Management Team |
| RQ-03 | Modify product | Business Requirements Document, Product Management Team |
| RQ-04 | Delete product | Business Requirements Document, Product Management Team |
| RQ-05 | View supplier's product | Business Requirements Document, Supplier Management Team |
| RQ-06 | Import goods | Business Requirements Document, Logistics Team |
| RQ-07 | Export invoice | Business Requirements Document, Finance Team |
| RQ-08 | Issue warranty | Business Requirements Document, Customer Support Team |
| RQ-09 | Check warranty | Business Requirements Document, Customer Support Team |
| RQ-10 | View detailed product | Business Requirements Document, Product Management Team |
| RQ-11 | Find staff | Business Requirements Document, HR Department |
| RQ-12 | Modify staff | Business Requirements Document, HR Department |
| RQ-13 | Delete staff | Business Requirements Document, HR Department |
| RQ-14 | Create supplier | Business Requirements Document, Procurement Team |
| RQ-15 | Modify supplier | Business Requirements Document, Procurement Team |