**Functional Requirements**

| Requirement ID | Requirement Description | MOSCOW |
| --- | --- | --- |
| FR1 | Users must be able to register, log in, and manage access credentials. | M |
| FR2 | CRUD operations must be available for inventory items. | M |
| FR3 | The system should notify users when stock levels fall below a predefined threshold. | S |
| FR4 | Users could import/export inventory data in CSV format. | C |
| FR5 | Different levels of permissions for administrators and standard users. | W |

**Non-Functional Requirements**

| Requirement ID | Requirement Description | MOSCOW |
| --- | --- | --- |
| NFR1 | The system must handle up to 1000 concurrent users with minimal latency. | M |
| NFR2 | Implements encrypted password storage and follows OWASP security guidelines. | M |
| NFR3 | The system should scale to support increased data loads without performance degradation. | S |
| NFR4 | UI could be optimized for accessibility and responsiveness across multiple devices. | C |
| NFR5 | The system will aim for 99.9% uptime but won't guarantee it initially. | W |