**Use Case Diagrams and Detailed Scenarios**

**6.1 Use Case Diagram Overview**

Graphical representation showing actors and interactions with the IHOMS system.

**Actors:**

* Field Officer
* Operations Manager
* IT Support
* Donor Agency Representative

**Sample Use Cases:**

* Submit Resource Request
* Review Resource Allocation
* Generate Operational Reports
* Manage User Access

*(A UML use case diagram would visually connect actors to these use cases.)*

**6.2 Detailed Use Case Scenario: Submit Resource Request**

| **Use Case ID** | **UC-001** |
| --- | --- |
| Actor | Field Officer |
| Description | Allows field officers to submit requests for resources needed in the field. |
| Preconditions | Field officer is authenticated and connected (or offline with sync capability). |
| Postconditions | Resource request is saved and queued for approval. |
| Main Flow | 1. Field officer logs in. |

2. Navigates to ‘Resource Request’ module.

3. Enters required resource details.

4. Submits the request.

5. Request is saved locally or sent to central server. |

| Alternate Flows | Offline mode: Request saved locally and synced once connection is available. |  
| Exceptions | Validation errors if required fields missing. |