Data Integrity

1. Introduction

Data integrity ensures that all stored information is accurate, complete, and consistent throughout the request lifecycle. This phase enforces validations, automation, and approval checks to maintain high data quality.

2. Field Validation and Automation

Mandatory Fields

- Mandatory fields enforced at:
    - Client-side (UI Policies)
    - Server-side (Table-level validations)

Auto-Populate Logic

- Default values configured for:
    - Logged-in user
    - Location
- Implemented using:
    - Catalog Client Scripts
    - UI Policies
    - Reference variable dot-walking

Approval State Validation

- Flow logic prevents request progression without approval.
- Approval state checks ensure process compliance.

3. Summary of Integrity Controls

Area	Actions Taken
Data Handling	Catalog variables mapped to custom tables
Access Control	Role-based approvals and flow logic
QA Testing	Full-cycle testing with logs and audits
Data Integrity	Mandatory fields, auto-fills, approval enforcement

4. Conclusion

Strong data integrity controls ensure reliable system behavior, prevent incomplete or invalid submissions, and maintain compliance with organizational policies.