Imaging Pipeline Ingestion Framework: Typical Implementation Approach

Detailed Requirements Phase | **Development and Configuration Phase**

Operational Readiness → **Planning and Discovery (Week 1-2)** → **Design and Implementation (Week 3-10)**

Operational Readiness is a gated check to ensure we receive the following before project kickoff:

- Building the core implementation team
- Define implementation scope and obtain signoff Project charter from sponsor
- Develop Communication plan and RACI matrix

- Begin project planning and requirement gathering process with the client stakeholders
- Request for medical imaging files and associated data files for multiple research studies or ologies acquired within the client environment
- Analyze the data and the metadata to understand ingestion requirements for cloud imaging platform or repository
- Document metadata management requirements based on clients targeted biomedical imaging research needs

- Design HL7 FHIR framework based on the requirements gathered
- Mapping of required metadata in FHIR framework;
- Integration of framework in Imaging pipeline in test
- Usecase design and test plan
- End to End workflow testing
- Sign off and acceptance from the client
- Configuration in production and Go live

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- Public Sector
- Immersion Day
- AWS Glue Delivery
- Amazon QuickSight Delivery
- Migration Services Competency
- Healthcare Services Competency

Client will be responsible for providing test data per CitiusTech's request. CitiusTech will perform data analysis and discovery to create HL7 FHIR framework for targeted research . CitiusTech estimates a 10-week timeline after operational readiness is complete.