Phase: 5000: System Test
Activity: 5100: Create/Update System Test Plan
Task: 5110-5140

SDLC Methodology Process Flow

**Phase: 5000: System Test**

**Activity: 5100: Create/Update System Test Plan**

**Task: 5110-5140**

- **System Test Lead**
  - Project Scope/Hi-Level Requirements
  - Product Descriptions & Documentation
  - S225 – Requirements Document
  - S506 - Reusable Test Plan (if already created)
  - S5000A – System Test Approach
  - S5000A2 – Parallel Test Approach (if needed)
  - S5000A3 – Load Test Approach (if needed)
  - S5000A4 – Batch Test Approach (if needed)
  - S5000A5 – Model Office Test Approach (if needed)

- **Start**
- 5110 Review & Update System Test Approach Documents

  - S5000A – System Test Approach
  - S5000A2 – Parallel Test Approach (if needed)
  - S5000A3 – Load Test Approach (if needed)
  - S5000A4 – Batch Test Approach (if needed)
  - S5000A5 – Model Office Test Approach (if needed)

  - From Requirements/Analysis Phase
  - From Design Phase


  - S506 – Reusable Test Plan
  - Project Management Plans

- 5130 Review System Test Approach(es) & Test Plans

  - S5000A – System Test Approach
  - S5000A2 – Parallel Test Approach (if needed)
  - S5000A3 – Load Test Approach (if needed)
  - S5000A4 – Batch Test Approach (if needed)
  - S5000A5 – Model Office Test Approach (if needed)
  - S506 – Reusable Test Plan

- 5140 Revise System Test Approach(es) & Test Plans

  - S5000A – System Test Approach
  - S5000A2 – Parallel Test Approach (if needed)
  - S5000A3 – Load Test Approach (if needed)
  - S5000A4 – Batch Test Approach (if needed)
  - S5000A5 – Model Office Test Approach (if needed)
  - S506 – Reusable Test Plan

- **End**
SDLC Methodology Process Flow

Phase
5000: System Phase

Activity
5200: Prepare for System Test

Task
5210-5230

System Test Team
- Project Management Plans
- S5000A – System Test Approach(es)
- S506 – Reusable Test Plans

TIO, Security, Access Services
- Project Management Plans
- S5000A – System Test Approach(es)
- S506 – Reusable Test Plans

Start
5210 Update Contact Lists
- Project Management Plans
- S5000A – System Test Approach(es)
- S506 – Reusable Test Plans

5220 Prepare Test Data
- Project Management Plans
- S5000A – System Test Approach(es)
- S506 – Reusable Test Plans

End
5230 Prepare System Test Access ID’s
- Project Management Plans
- S5000A – System Test Approach(es)
- S506 – Reusable Test Plans
Phase 5000: System Test Phase

Activity 5300: Execute System Test

Task 5310 (Typical for each Test Type)
SDLC Methodology Process Flow

Phase
- 5000: System Test Phase

Activity
- 5300: Execute Upgrade System Test

Task
- 5310: Perform System Test (Typical)

System Test Team

Execute System Test Conditions

Verify and Record Results

Actual Results equal Expected Results?
- Yes
  - Future Changes Needed?
    - Yes: Update Reusable Test Plan to Indicate Completion
    - No: Notify User of Test Results

- No
  - Correct Discrepancies - Make changes to Code/Unit Test if necessary

Record and Analyze Discrepancies

Record Needed Future Changes in TI or MSR

Test Incident (TI) and/or MSR

Update Reusable Test Plan (updated)

Notify User of Test Results

Create/Update System Testing Environment (as needed)

Start

End

TIO

S500A – System Test Approach(es)
S506 – Reusable Test Plan
Test Data

S506 – Reusable Test Plan

Record Needed
Future Changes
in TI or MSR

Yes

Future Changes
Needed?

No

S506 - Reusable Test Plan

Record Needed
Future Changes
in TI or MSR

Yes

Future Changes
Needed?

No

Employ Needed
Future Changes
in TI or MSR

S506 - Reusable Test Plan (updated)

EMAIL & Status Report

Notify User of Test Results

Create/Update System Testing Environment (as needed)

Start

End
SDLC Methodology Process Flow

Phase: 5000: System Test

Activity: 5400: Formal Review

Task: 5410-5440

System Test Lead:
- 5410: Analyze/Prioritize Pending Changes/Fixes
  - Testing Incidents (TI)
  - MSRs
- 5420: Prepare System Test Phase Review
  - Testing Incidents (TI)
  - System Test Presentations

Customer/ Business Process Owner/ System Owner:
- 5430: Receive Business Process Owner and/or System Owner And/or Customer Approval
- 5440: Update Deliverables (if needed)

Start → 5410 → 5420 → 5440 → End

- S225 – Requirements Document
- S506 – Reusable Test Plan
- S5000A – System Test Approach(es)
- Status Reports

- System Test Presentations

Testing Incidents (TI)
MSRs

Testing Incidents (TI)
MSRs

Testing Incidents (TI)
MSRs

S5000B-SystemTestProcessFlow Last Updated: 11/2/05