

Fundamental Test Process

2 Analysis & Design

- Review the Test Basis
- Eval Test Basis for testability
- Identify & prioritise Test Conditions
- Design & prioritise high level Test Cases
- Identify Test Data
- Traceability between Test Bases & Test Condition
- Test environment & Infrastructure tools

1 Planning & Control

- Determine the scope, risks & objectives
- Implement Test Policy / Strategy
- Determine Test Approach
- Determine resources required
- Schedule the test activities
- Determine the Exit Criteria
- Monitor activities
- Compare progress Vs plan
- Take control when required

3 Implementation & Execution

- Test Implementation
 - Finalise, Implement & prioritise Test Cases
 - Create Test Data
 - Check environment ready
 - Create Test Suites
 - Develop & prioritise Test Procedures
 - Test harness / automated scripts (optional)
- Test Execution
 - Execute Test Procedure as planned
 - Log the outcome
 - Compare actual vs expected
 - Report discrepancies as Incidents
 - Analyse Incidents for cause
 - Retest / Regression

4 Evaluating Exit Criteria & Reporting

- Check logs against Exit Criteria
- Assess if more test are needed or Exit Criteria need to be changed
- Write Test Summary Report for stakeholders

5 Test Closure

- Check planned deliverables
- Close Incident Reports
- Handover to maintenance
- Finalise & archive testware / environment
- Document acceptance of system
- Analyse lessons learned for future projects & improve test maturity