

fit@hcmus

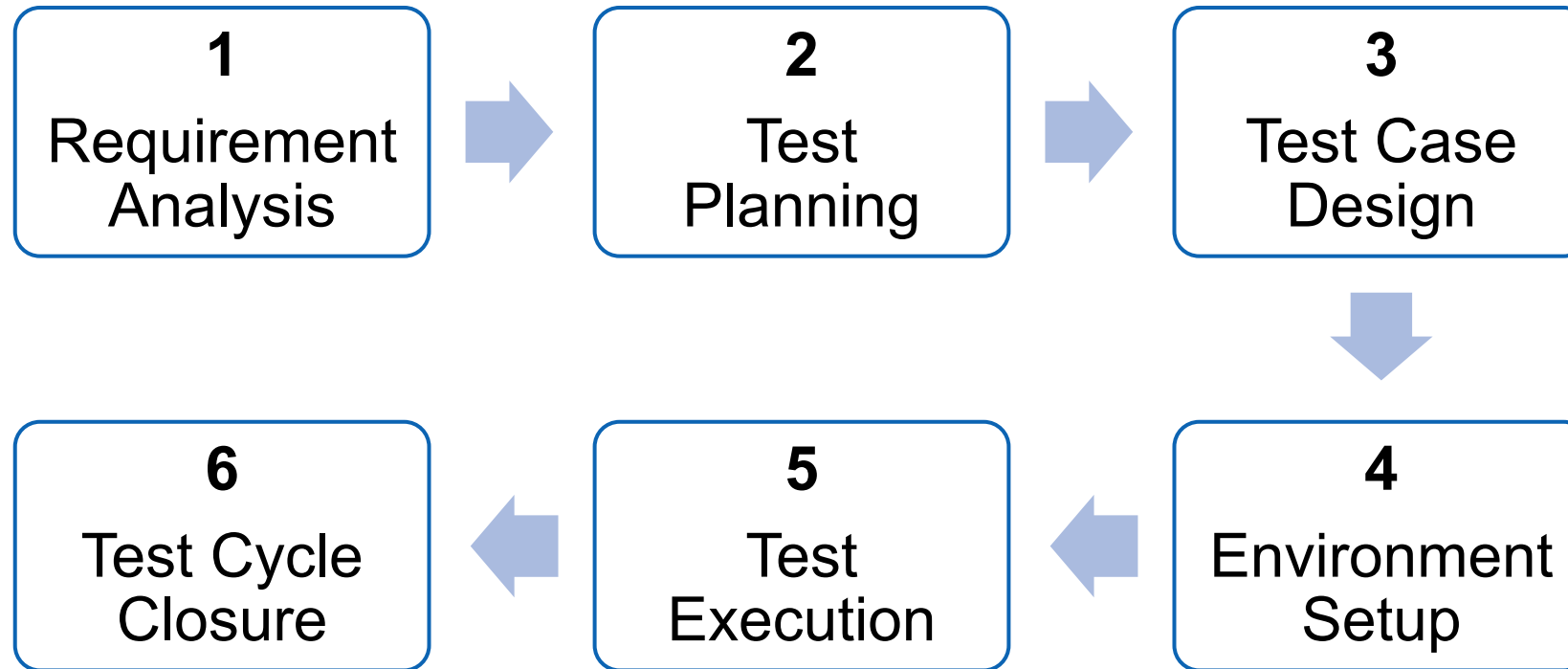
Software Testing

CSC13003

Test Planning



Software testing life cycle



Step 1) Analyze the product

- Who will use the website?
- What is it used for?
- How will it work?
- What are software/hardware the product uses?
 - User manual
 - Documents
 - Forum?

Step 2) Develop Test Strategy

- Step 2.1) Define Scope of Testing
- Step 2.2) Identify Testing Type
- Step 2.3) Document Risk & Issues
- Step 2.4) Create Test Logistics

Step 3) Define Test Objective

- List all the software features (functionality, performance, GUI...) which may need to test.
- Define the target or the goal of the test based on above features

Step 4) Define Test Criteria

- Suspension Criteria
- Exit Criteria

Step 5) Resource Planning

- Human Resources
- Roles
 - System Resources

Step 6) Plan Test Environment

- How to setup

Step 7) Schedule & Estimation

- Task estimation
- Project schedule
 - Gantt chart

Step 8) Test Deliverables

- Test deliverables are provided before testing phase
 - Test plans document
 - Test cases documents
 - Test Design specifications

Step 8) Test Deliverables

- Test deliverables are provided during the testing
 - Test Scripts
 - Simulators
 - Test Data
 - Test Traceability Matrix
 - Error logs and execution logs

Step 8) Test Deliverables

- Test deliverables are provided after the testing cycles is over
 - Test Results/reports
 - Defect Report
 - Installation/Test procedures guidelines
 - Release notes

