

MODULE #1 - INTRODUCTION TO SOFTWARE TESTING

Topic #4 – Software Test Activities

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Test Planning Activities

Test Design Activities

Test Execution Activities

Test Evaluation Activities



Test Management Activities



Software Test Planning Activities:

1 Test Planning





To determine test scope, risks and identify the objectives of testing



To determine the test approach.





To determine QA and testing standards, and coverage policy



To determine tasks and schedules





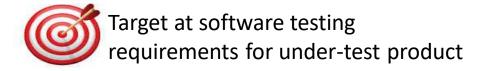
To determine the required resources for software testing





Software Test Design Activities:







To use well-defined Test methods



To design and track software tests



Understand the pre-conditions post-conditions for each test





To design and determine software test environment and infrastructures



Software Test Execution Activities:



Test Execution



Test Results



To select test strategy and test sets



To execute tests



To determine test procedure



To record test results





To automate tests using scripting



To record bugs for under-test software



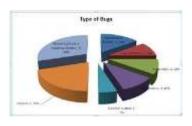
Software Test Evaluation Activities:



Test Evaluation



Test Evaluation Report



Bug analysis



Test analysis



Quality analysis



Cost analysis



Test review







Software Test Management Activities:



Test Management



Test Management Report



Problem Management



Schedule Management



Quality Management



Cost Management



Project Management

