

<Company Logo>

<Company Name>  
<Company slogan>

<Project Name>

# Performance Testing Checklist Template

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**Document Number:** <document's configuration item control number>

**Contract Number:** <current contract number of company maintaining document>

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# Performance Testing Checklist

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## 1. Risk Assessment:

- ☐ Understanding of architecture
- ☐ Identification of Critical Business Flows
- ☐ Identification of In-scope and out-of-scope components
- ☐ Deep understanding of all the in-scope components
- ☐ Understanding the impact of changes on all the in-scope components
- ☐ Completion of Risk Assessment
- ☐ Review and Sign-off of Risk Assessment Document

## 2. Test Plan:

- ☐ Performance Testing Project Timelines
- ☐ NFR gathering
- ☐ Decision on type of Non-functional Test conducted during the phase
- ☐ NFR - NFT mapping
- ☐ Test Data Approach
- ☐ Scaling ratio of the test environment with respect to the production environment
- ☐ Decision on Performance Testing Tool
- ☐ Decision on Server Monitoring Tool
- ☐ Decision on Profiling Tool
- ☐ Detailed Test Approach/Planning of each type of performance test
- ☐ Completion of Test Plan
- ☐ Review and Sign-off of Test Plan

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### 3. Test Script & Scenario Creation:

- ☐ Recording / Generation of Test Script of all the performance test cases
- ☐ Correlation
- ☐ Parameterization
- ☐ Appropriate naming of all the transactions
- ☐ Adding Think Time
- ☐ Adding Pacing
- ☐ Workload Modelling / Scenario Creation

### 4. Test Execution:

- ☐ Test Data Creation
- ☐ Server re-start
- ☐ Smoke Test
- ☐ Gather all the server stats
- ☐ Test Execution
- ☐ Collection of Test Results
- ☐ Collection of stats from Monitoring Tool during the test period
- ☐ Collection of server logs
- ☐ Collection of dumps
- ☐ Analysis of Test Result
- ☐ Discussion with the project team, developer etc. on the test result, bottlenecks, findings, recommendations and resolution.

### 5. Report:

- ☐ Collect the artefacts and locate/attach them with the report in the respective section

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- ☐ Decision on Go / No-Go
  - ☐ Recommendations
  - ☐ Decision on further test/performance tuning etc.
  - ☐ Completion of Test Report
  - ☐ Review and Sign-off of Test Report