[XewisT’s project]

**Test Strategy**

**Revision History**

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| Date | Version | Author | Description |
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1. **Scope**

It defines parameters like

* Who will review the document?
* Who will approve this document?
* Testing activities carried out with timelines

1. **Test Approach**

It defines

* Process of testing
* Testing levels
* Roles and responsibilities of each team member
* Types of Testing ( Load testing, Security testing, Performance testing etc.)
* Testing approach & automation tool if applicable
* Adding new defects, re-testing, Defect triage, Regression Testing and test sign off

1. **Test Environment**

* Define number of requirement and setup required for each environment
* Define backup of test data and restore strategy

1. **Testing Tools**

* Automation and Test management tools needed for test execution
* Figure out number of open-source as well as commercial tools required, and determine how many users are supported on it and plan accordingly

1. **Release Control**

* Release management plan with appropriate version history that will make sure test execution for all modification in that release

1. **Risk Analysis**

* List all risks that you can estimate
* Give a clear plan to mitigate the risks also a contingency plan

1. **Review and Approvals**

* All these activities are reviewed and sign off by the business team, project management, development team, etc.
* Summary of review changes should be traced at the beginning of the document along with approved date, name, and comment