[Blog]

**Test Strategy**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Author | Description |
| 08/31.2022 | V1 | Vladyslav Kliucharov |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

[1. Scope 3](#_Toc534636696)

[2. Test Approach 4](#_Toc534636697)

[3. Test Environment 5](#_Toc534636698)

[4. Testing Tools 6](#_Toc534636699)

[5. Release Control 7](#_Toc534636700)

[6. Risk Analysis 8](#_Toc534636701)

[7. Review and Approvals 9](#_Toc534636702)

# Scope

It defines parameters like

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

# 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

# Test Environment

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

# 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

# Release Control

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

# Risk Analysis

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

# 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