[name of project]

**Test Strategy**

**Revision History**

| Date | Version | Author | Description |
| --- | --- | --- | --- |
| 06/08/2025 |  | Sharan Olha |  |
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**Table of Contents**

[**1. Scope 3**](#_gjdgxs)

[**2. Test Approach 4**](#_30j0zll)

[**3. Test Environment 5**](#_1fob9te)

[**4. Testing Tools 6**](#_3znysh7)

[**5. Release Control 7**](#_2et92p0)

[**6. Risk Analysis 8**](#_tyjcwt)

[**7. Review and Approvals 9**](#_3dy6vkm)

# **Scope**

It defines parameters like

* Who will review the document?
* Who will approve this document?
* Testing activities carried out with timelines
* The document will be reviewed by team leader Elizaveta Shatokhina.
* This document is approved by Beetroot Academy.
* Testing will be conducted in accordance with the deadlines set for September 10, 2025.

# **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

Testing will be conducted using tools such as TestRail and Jira.

* Define backup of test data and restore strategy
* Determining data volume and backup frequency
* Choosing backup methods and tools
* Забезпечення безпеки резервних копій

# **Testing Tools**

* Automation and Test management tools needed for test execution:

[Selenium](https://www.google.com/search?cs=0&sca_esv=3d9aa816210a3b66&sxsrf=AE3TifP4n6ShmxPo1bP2mYWPoDHCjwn8SA%3A1754492673286&q=Selenium&sa=X&ved=2ahUKEwikhYLEuvaOAxULQvEDHZeRCz0QxccNegQICxAB&mstk=AUtExfCjV7Uiv7NMhOK7V4X3Z4DRhxt5VAV6NP0jVRhUBNEN5C3FKIvayGgsQbbI8yKjXhd74fpwDhiQ3w3G3mfCfX5NM1SokxZJ_l81VbkRzJeKCBxNwdo8zb5_OPCGTo7AXOplm23j84JHWDvZkm6Fb_CS1nJtFJuv4CaYVKsqiWQN-37OeZcvArTAl3YXH-I2CIk6Bh7bgfmFU2L3o-tyPg0u2xJwNFUE091Z0msU0NRr-oQoYyvSZFYykhi2cvzTZZG9JsO1caE5baDGX-42JEWcZIpZ5otGVyBn2JMupfPatw&csui=3), TestComplete, Postman, Cypress, Appium.

* Figure out number of open-source as well as commercial tools required, and determine how many users are supported on it and plan accordingly.

Number of users - 5.

# **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
* Insufficient test coverage
* Incorrect prioritization
* False alarms and ambiguous results
* Insufficient assessment of labor costs
* Insufficient communication
* Insufficient funding
* Give a clear plan to mitigate the risks also a contingency plan

Key stages of the risk reduction plan:

1. Risk identification

2. Risk assessment

3. Response plan development

4. Plan implementation and monitoring

Examples of strategies:

Risk avoidance (e.g., changing requirements).

Risk reduction (e.g., conducting additional tests).

Risk transfer (e.g., insurance).

Risk acceptance (e.g., if the cost of eliminating the risk exceeds the potential losses).

# **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