

Test Summary Report

1. Project Information

- Project Name: Google Translate QA Testing
- Project Manager: Veronica Kuverova
- Test Lead: Chathuranga Wijewardane
- Date: June 26, 2024
- Version: 1.1.5

2. Objectives

- **Objective of Testing:** To ensure that Google Translate accurately translates text between English, Sinhala, and Tamil, and all functionalities perform as expected.
- **Scope of Testing:** Functional, UI, performance, and security testing of the Google Translate web application.

3. Test Summary

- Total Test Cases: 32
- Executed Test Cases: 25
- Passed Test Cases: 15
- Failed Test Cases: 6
- Blocked Test Cases: 4

4. Test Environment

- **Hardware:**
 - Desktop: Intel i7, 16GB RAM
 - Mobile: Samsung Galaxy S23, iPhone 11 Pro
- **Software:**
 - Operating Systems: Windows 11, macOS, Android 11, iOS 17.1
 - Browsers: Chrome, Firefox, Safari, Edge
- **Network:**
 - Standard broadband internet connection

5. Test Execution Summary

- **Summary of Executed Test Cases:**
 - Functional: 15 (Passed: 12, Failed: 2, Blocked: 1)
 - UI: 6 (Passed: 4, Failed: 1, Blocked: 1)
 - Performance: 2 (Passed: 1, Failed: 1)
 - Security: 2 (Passed: 1, Failed: 1)
- **Issues and Defects: 6**
- **Severity-wise Distribution of Defects:**
 - High: 5
 - Medium: 2
 - Low: 1

- **Bug Reporting:** Defects were reported in the bug tracking system and assigned to respective development teams.

6. Key Findings

- **Major Defects:**
 - **Audio Pronunciation Not Working on Mobile Devices (Bug ID:#003):** The audio pronunciation feature does not work on mobile browsers.
 - **Random Incorrect Translation for Common Phrases in English(Bug ID: #001):** Some common phrases are not translated correctly from English to Sinhala.
 - **Website translation arrow key navigated user into 404 Page not found.(Bug ID: #005)**
- **Minor Defects:**
 - **After starting the output box results, the icon color doesn't change**
 - **UI Issues in Edge Browser (Bug ID: #009):** The "Swap languages" button does not work on Edge.
- **Resolved Issues:** 4 issues were resolved during the testing cycle.
- **Outstanding Issues:** 5 issues remain unresolved.

7. Recommendations

- **Recommendations for Improvement:**
 - Fix high-severity bugs related to functionality and security.
 - Enhance the mobile user experience.
 - Optimize performance for large text translations.
- **Next Steps:**
 - Retest resolved issues.
 - Conduct a regression test after bug fixes.
 - Prepare for the next testing phase, including additional language pairs.

8. Conclusion

- **Overall Assessment:** The current version of Google Translate has critical issues that need addressing before release. The translation accuracy for key language pairs and mobile compatibility require significant improvements.
- **Readiness for Release:** Not ready for release until critical and high-severity issues are resolved.

9. Appendices

- **Test Cases:** Detailed test cases are included in a separate document.
- **Bug Reports:** Attached bug reports with IDs, descriptions, and statuses.
- **Test Logs:** Execution logs and screenshots are available in the test logs folder.