Test Report

**For**

**Google Translate**

**Introduction**

1.1 **Purpose**

The purpose of this test summary report is to provide an overview of the QA testing activities performed on the online product, Google Translate. The focus of the testing was on translating sentences and words between two languages, specifically English, Sinhala, and Tamil. The document outlines the test planning, execution results, defect classification, and recommendations for future improvements.

1.2. **Scope**

The scope of testing includes functional testing of Google Translate, focusing on language detection, translation accuracy, user interface interactions, and error handling. Both web and mobile platforms were used for testing, ensuring cross-platform compatibility. Testing covered input field validation, dropdown functionality, and text translation between the languages under test.

1.3 **Definitions, Acronyms, and Abbreviations**

* **QA**: Quality Assurance
* **UI**: User Interface
* **API**: Application Programming Interface
* **PC**: Personal Computer

1.4 **References**

* Google Translate Website: <https://translate.google.com/>
* Testing Guidelines: Internal QA Process Guidelines

1.5 **Overview**

The report presents the testing activities and their outcomes. Testing was divided into three cycles, with defects being logged and classified based on severity and priority. Functional aspects of Google Translate were thoroughly examined, and recommendations for improving accuracy and user experience were provided.

**Test Results Summary**

1.6 Test Cases Execution Details

Testing was performed over three test cycles. Each cycle focused on validating core translation features and UI elements. The results for each cycle are summarized below.

Cycle 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total Test Cases | Passed | Failed | Blocked | Not Executed |
| 10 | 9 | 1 | 0 | 0 |

Cycle 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total Test Cases | Passed | Failed | Blocked | Not Executed |
| 12 | 12 | 0 | 0 | 0 |

**Test Effort Details**

The testing effort included functional validation of translation features, UI components, and input validation. The test effort was evenly distributed across three testing cycles, with defect tracking and bug reporting handled in Jira.

**Conclusion**

The QA testing for Google Translate revealed key issues related to translation accuracy, character limits, and UI functionality. While most features worked as expected, certain areas, especially the translation between English and Sinhala, require immediate attention

4.1 **Suggested Actions**

* Fix translation accuracy for complex languages like Sinhala.
* Improve user feedback when character limits are exceeded.
* Enhance dropdown functionality for smoother user experience.

4.2 **Release Recommendations**

It is recommended to resolve the reported defects before the next release to improve overall user experience and functional accuracy.