Test Summary Report

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## Purpose

This document explains the various activities performed as part of Testing of ‘Telegram’ application.

## Application Overview

‘Telegram’  is a popular cross-platform messaging app that is widely used because it offers some enhanced privacy and encryption features as well as support for large group chat features. It also has no ties to other social media platforms (both Facebook Messenger and WhatsApp are owned by Facebook, for example), which makes the service more appealing to some.

## Testing Scope

* + 1. **In Scope**

Functional Testing for the following modules are in Scope of Testing

* + - * Sign Up/Login
      * Home Page
      * Call
      * Chat
      * Setting
      * Account
      * New Group
      * People Nearby
      * Channel
      * Contact
      * Link Device
      * Secret Chat
      * Notification
    1. **Out of scope**

Performance Testing was not done for this application.

* + 1. **Items not tested**

Verification of limitation for group member and group video call is not checked due to out of the limitation criateria(200000 members).load testing is not performed.

## Metrics

### No. of test cases planned vs executed

1. **No. of test cases passed/failed**

| **Test case planned** | **Test case executed** | **Test case pass** | **Test case fail** |
| --- | --- | --- | --- |
| **114** | **114** | **101** | **13** |

1. **No of defects identified and their Status & Severity**

|  | **Critical** | **Major** | **Medium** | **Cosmetic** | **Total** |
| --- | --- | --- | --- | --- | --- |
| **Closed** | **0** | **2** | **0** | **1** | **3** |
| **Open** | **2** | **5** | **5** | **3** | **15** |
|  |  |  |  |  | **18** |

1. **Defects distribution – module wise**

|  | **Critical** | **Major** | **Medium** | **Cosmetic** | **total** |
| --- | --- | --- | --- | --- | --- |
| Chat | **1** |  |  |  |  |
| Signup, telegram feature, help section |  |  |  |  |  |
| Secret chat |  |  |  |  |  |
| Group |  | **1** | **4** |  | **5** |
| Setting |  |  | **2** |  | **2** |
| Channel |  | **3** | **2** |  | **5** |
| Calls & contact |  | **1** | **1** |  | **2** |
| Home page |  |  |  |  |  |
| Profile & add account |  |  |  |  |  |
| Archive chat |  |  |  |  |  |
| Invite friend |  |  |  |  |  |
| People nearby |  |  |  | **1** | **1** |
| Saved messages |  |  |  |  |  |
| total | **1** | **5** | **9** | **1** | **16** |

**Types of testing performed**

* + 1. Smoke testing
    2. Functional testing
    3. Ad hoc Testing
    4. Positive – negative testing
    5. Datadriven testing
    6. User acceptance testing (alpha-beta testing)
    7. System testing
    8. Integration testing
    9. Unit testing

## Test Environment & Tools

| App URL | Telegram |
| --- | --- |
| App version | 9.0.2 |

## Exit Criteria

* + 1. All test cases should be executed – **Yes**
    2. All defects in Critical, Major, Medium severity should be verified and closed – **Yes**.

## Conclusion/Sign Off

As the Exit criteria was met and satisfied as mentioned.

## Definitions, Acronyms, and Abbreviations

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