

# Test Report

## Primary Testing TO-DO MVP App

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## *1. Purpose*

This document explains the various activities performed as part of Testing of TO-DO MVP app.

## *2. Application Overview*

TO-DO MVP is an android based application for creating a list of tasks or making notes. There are several modules like New task (creation a new task), TO-DO List (edit task, mark as active/completed), All TO-DOs (list of all tasks, filter, hamburger menu, statistics, kebab menu).

## *3. Testing Scope*

### **a) In Scope**

Functional Testing for the following modules are in Scope of Testing:

1. New task
2. TO-DO List
3. All TO-DOs

Nonfunctional testing:

1. Installation testing
2. Usability testing
3. Failover and recovering testing
4. Interruption testing

### **b) Out of Scope**

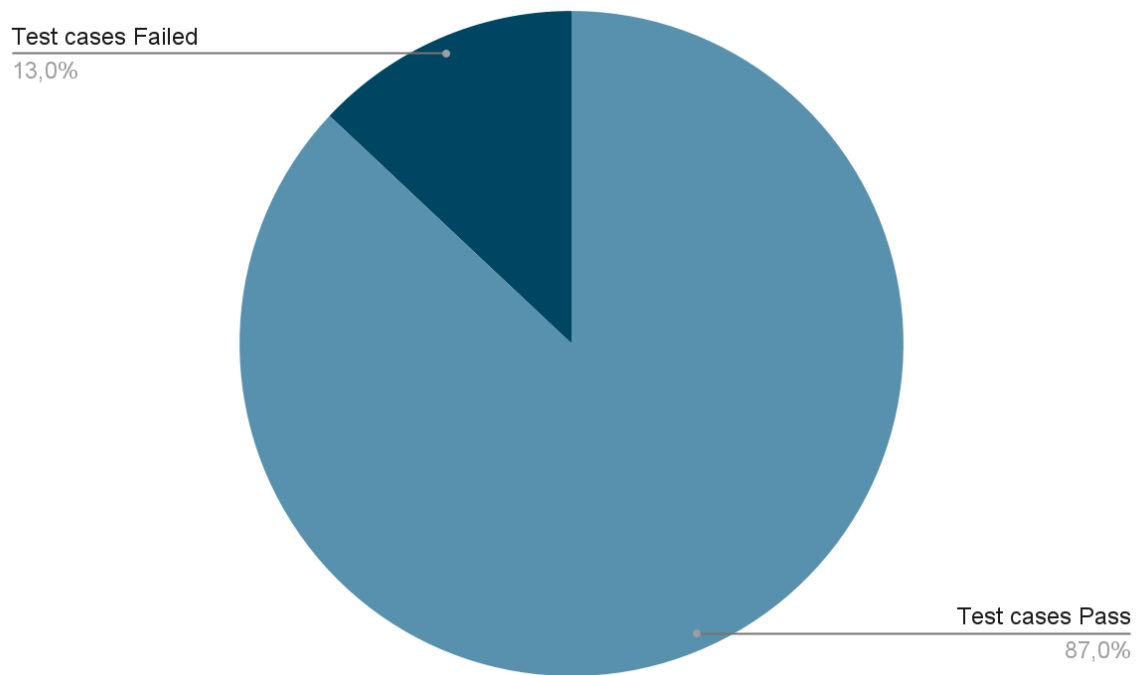
1. Security testing
2. Compatibility testing
3. Performance testing
4. Accessibility testing

#### 4. Metrics

a) No. of test cases planned vs executed

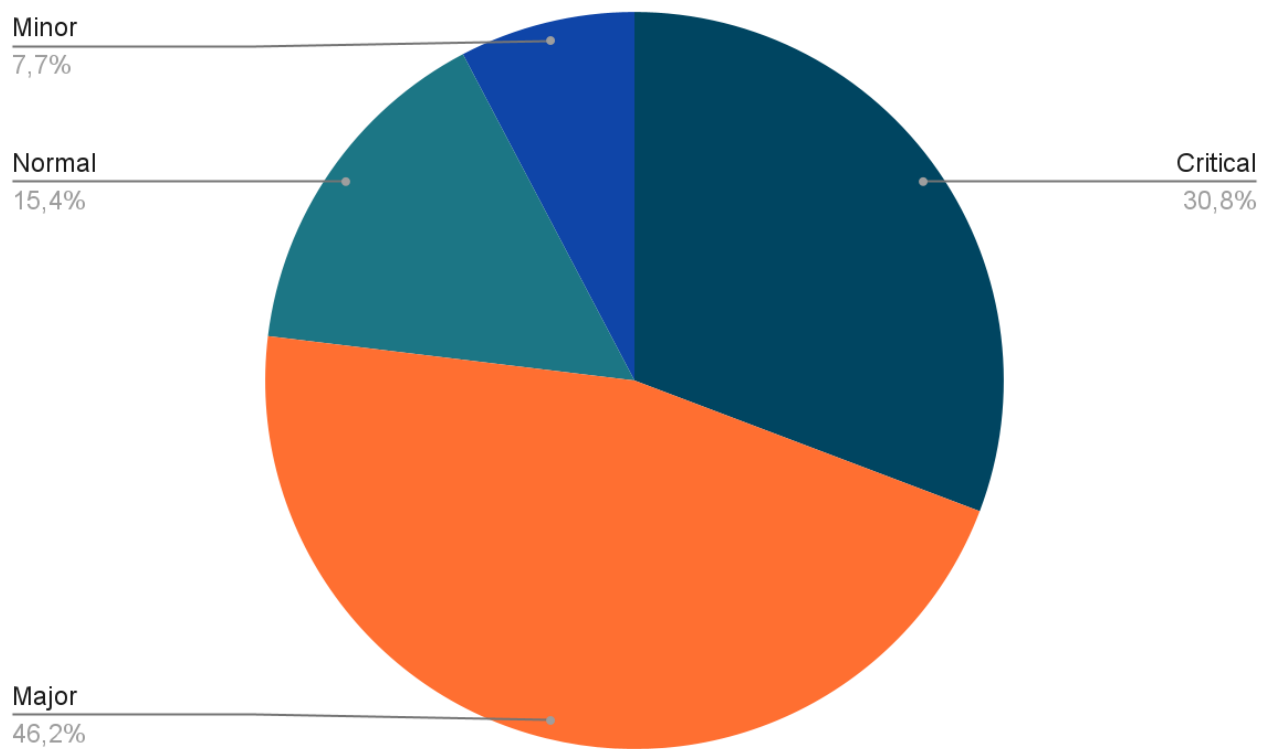
b) No. of test cases passed/failed

| Test cases planned | Test cases executed | Test cases passed | Test cases failed |
|--------------------|---------------------|-------------------|-------------------|
| 100                | 100                 | 87                | 13                |



### c) No. of defects and their Severity

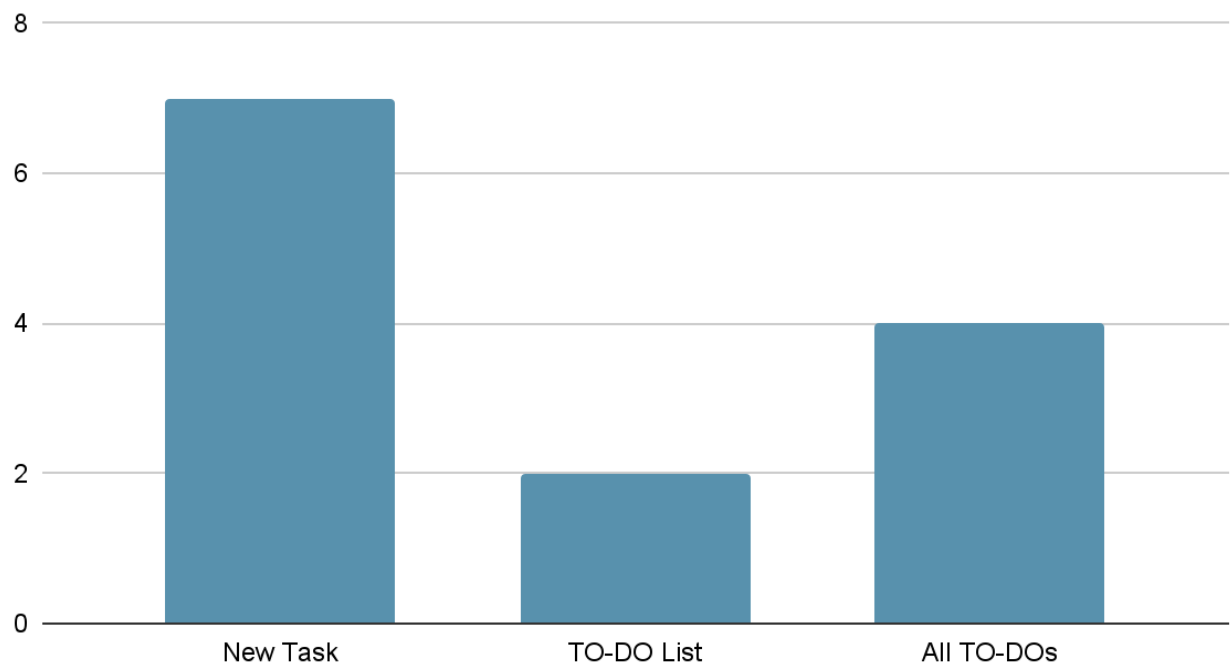
| Blocker | Critical | Major | Normal | Minor | Total |
|---------|----------|-------|--------|-------|-------|
| 0       | 4        | 6     | 2      | 1     | 13    |



#### d) Defects distribution - module wise

|                 | New Task | TO-DO List | All TO-DOs | Total     |
|-----------------|----------|------------|------------|-----------|
| <b>Blocker</b>  |          |            |            | <b>0</b>  |
| <b>Critical</b> | <b>3</b> | <b>1</b>   |            | <b>4</b>  |
| <b>Major</b>    | <b>3</b> | <b>1</b>   | <b>2</b>   | <b>6</b>  |
| <b>Normal</b>   |          |            | <b>2</b>   | <b>2</b>  |
| <b>Minor</b>    | <b>1</b> |            |            | <b>1</b>  |
| <b>Total</b>    |          |            |            | <b>13</b> |

#### Bugs in the modules



## *5. Types of testing performed*

### **a) Smoke Testing**

This testing was done to make sure the major functionalities are working fine.

### **b) System Integration Testing**

System integration testing has not been done

### **c) Regression Testing**

Regression testing has not been done

## *6. Test Environment & Tools*

Operating system: Windows 10 Home version.

Android Studio Flamingo version 2022.2.1

Emulator: Pixel 5 API 30, Android

## *7. Lessons Learnt*

| <b>Issue face</b>                | <b>Solutions</b>   |
|----------------------------------|--|
| An android device was necessary. | Android studio was installed instead of buying a device. |

## *8. Recommendations*

1. Automation of smoke tests.
2. Perform compatibility and configuration testing

## *9. Best Practices*

The emulator allows to perform testing on different devices without having to buy them.

### ***10. Exit Criteria for Primary Testing***

- a)** All test cases should be executed – Yes
- b)** All features must be covered by tests - Yes
- c)** All bugs must be reported and described - Yes

### ***11. Conclusion/Sign Off***

Primary testing is done.