

Test Summary Report

Mobile Application “Shopping-list”

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1. Purpose

This document describes the various actions performed as part of testing the add, edit, store, delete and mark tasks as completed functionality in the shopping-list application.

2. Application Overview

Application “Shopping-list” is mobile application designed to help users to manage their daily tasks. The main functionalities of the application are adding, editing, and deleting tasks. There is also a feature that allows users to select and unselect tasks by tapping on checkboxes next to the task name.

3. Testing Scope

1) In Scope

- Functional testing of task creation, editing and deletion.
- Validation testing for tasks with non-Cyrillic characters, numbers, tasks exceeding length maximum (>25 characters), tasks equal length maximum (=25 characters), tasks with empty name (less than length minimum).
- Data persistence testing after app restart.
- UI/UX testing, including button names, error messages, and layout and localization consistency.
- Testing the application's behavior when switching between vertical and horizontal modes.
- Compatibility testing on Google Pixel 9, Android 14.

2) Out of Scope

- Performance testing.
- Compatibility testing on devices other than Google Pixel 9.
- Network testing, including behavior with poor or no internet connection.

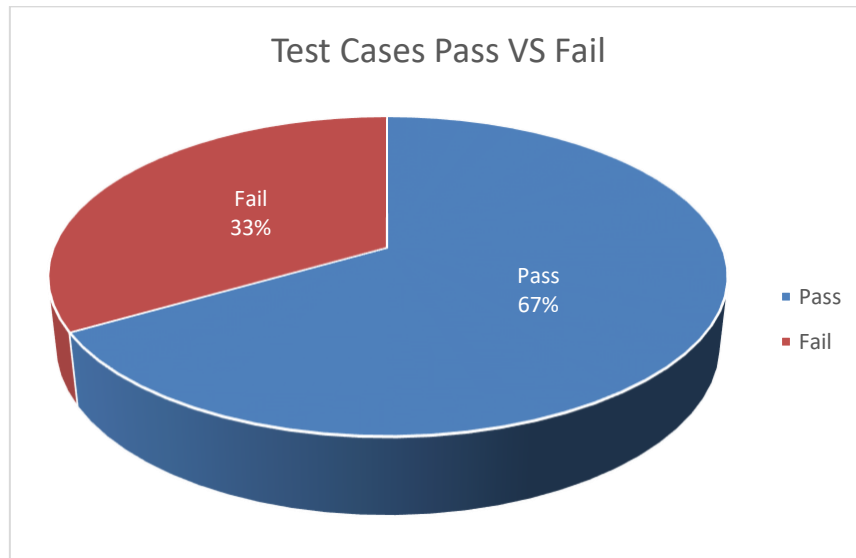
3) Items not tested

- Accessibility testing for visually impaired users.
- App performance under extreme conditions (e.g., low battery, low memory).

4. Metrics

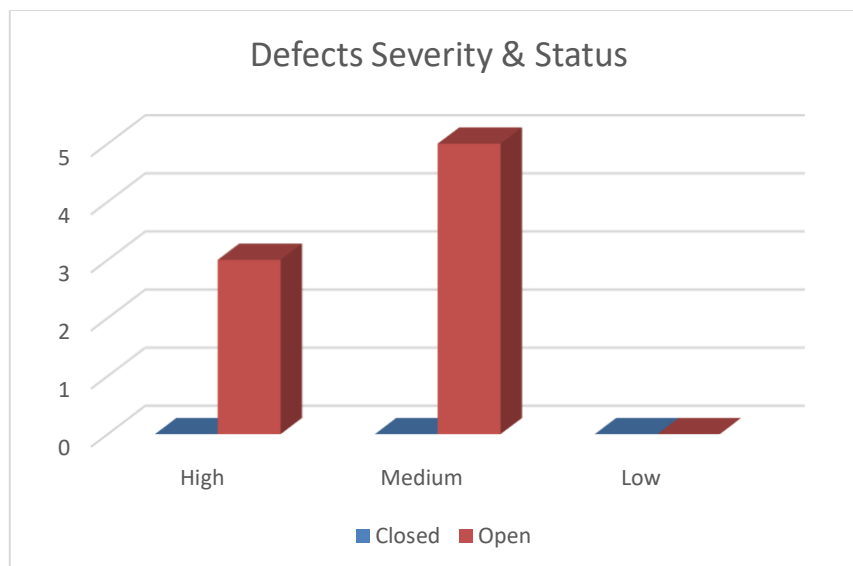
Number of Test Cases Planned vs Executed & No Of Test Cases Passed vs Failed:

Test Cases planned	Test Cases executed	Test Cases Pass	Test Cases Failed
18	18	12	6



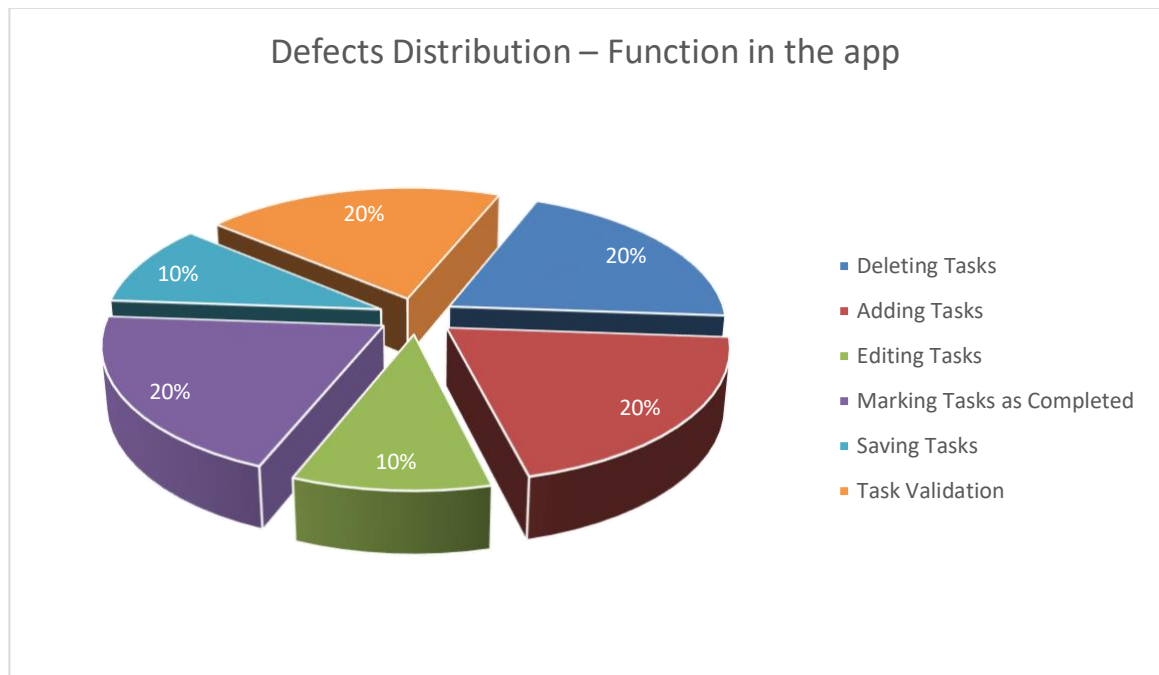
Number of Defects identified and their Status & Severity:

	High	Medium	Low	Total
Closed	0	0	0	0
Open	3	5	0	8
				8



Number of Defects distribution – Function in the app:

	Deleting Tasks	Adding Tasks	Editing Tasks	Marking Tasks as Completed	Saving Tasks	Task Validation
High	0	1	0	2	0	1
Medium	2	1	1	0	1	1
Low	0	0	0	0	0	0
Total-->	2	2	1	2	1	2



5. Bugs Summary

Bug ID	Priority	Description	Function in the app
G9-1263	Medium	Error message does not appear when adding a task using only 5 spaces in the name	G9-2 Adding Tasks, G9-6 Task Validation
G9-1264	Medium	App crushes upon multiple tapping on "Delete" button	G9-1 Deleting Tasks
G9-1216	High	Error appears when creating a task using 25 Cyrillic characters	G9-2 Adding Tasks, G9-6 Task Validation
G9-1217	Medium	Error message does not appear when editing the existing task by using Latin characters	G9-3 Editing Tasks, G9-6 Task Validation
G9-1218	Medium	The Button "Delete" is written in English language instead of being written in Russian language "Удалить"	G9-1 Deleting Tasks
G9-1219	Medium	Error message does not appear when adding 11th task	G9-5 Saving Tasks
G9-1220	High	Scrolling tasks with checked boxes changes some checkboxes to unchecked position	G9-4 Marking Tasks as Completed
G9-1221	High	Selected checkboxes are changed to unselected position after changing the orientation of the screen from vertical to horizontal and scrolling	G9-4 Marking Tasks as Completed

6. Types of testing performed

- a. Installation & Launch Testing
 - Installed using .apk file.
 - Launched from Home screen and all applications screen.
- b. Interruption Testing
 - Tested app behavior during calls, messages, and device events (screen lock).
- c. UI Testing
 - Skipped tests for screen sizes and OS versions.
 - Validated UI elements like text field, buttons, checkboxes.
- d. Functional Testing
 - Verified task creation, editing, deletion.
 - Ensured error notifications for invalid tasks.
- e. Data Persistence Testing
 - Checked applications' data saving in local storage.
 - Verified tasks saved after application restart.
- f. Error Handling Testing
 - Checked invalid inputs and task limits (task name length max - 25 characters, tasks input max - 10 tasks).
- g. Task Management
 - Validated task editing, deletion via checkboxes.

7. Test Environment & Tools

Application	APK file
Emulator	Google Pixel 9 API 34 Android 14
Instrument	Android Studio Ladybug Feature Drop 2024.2.2
OS	MacOs Sequoia 15.2

8. Recommendations

- Automate repetitive tasks to save time and resources.
- Consider implementing improvements made to the Youtrack bug tracking system.

9. Exit Criteria

- Completion of all planned test cases. All functional and non-functional test cases specified in the test plan are completed.
- Test Pass Rate: 100% of all test cases must be successfully passed.
- No Critical Defects - All critical and high priority defects are fixed and re-tested.
- Remaining medium and low priority defects are documented and agreed to be fixed in future releases (if applicable).

10. Conclusion

Testing of Mobile Application has been completed, with all main functionalities tested and confirmed. Although few defects were found, the most critical defects have been addressed, and the application demonstrated stable performance in various scenarios. All exit criteria have been satisfied, and the app is now ready for release, with only minor improvements and optimizations suggested.

11. Sign off

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Date: 05/02/2025