# TEST REPORT OF THE MOBILE APPLICATION "SHOPPING-LIST"

**1. Purpose**

This document describes the test activities carried out for the mobile application **"Shopping-list"**.

**2. Application overview**

**"Shopping-list"** is a mobile application for making a shopping list. It includes several modules:

* **Add a task,**
* **Delete a task,**
* **Edit a task,**
* **Mark as completed**,
* **Task validation,**
* **Saving a task.**

**3. Test volume**

**a) Included in the scope of testing**

Functional testing of the following modules:

* Creating a task
* Removal a task
* Editing a task
* Mark task as completed
* Saving a task

Mobile application testing:

* Testing installation/uninstallation
* Testing interruptions of work
* Testing when locking/unlocking the screen
* Testing the operation while charging the gadget
* Testing operation in power saving/silent/flight mode
* Testing on different versions of Android 15/14/13
* Testing screen orientation changes when phone position changes

**b) Not included in the scope of testing**

* Security testing
* Accessibility testing
* Database testing
* Testing to get permission from the app store
* Post-release testing

**4. Testing metrics**

|  |  |
| --- | --- |
| Metrics | Meaning |
| Checklists written | 1 (78 checks) |
| Test cases written | 15 |
| Coverage of requirements | 100% |
| Performing checks | 100% |
| Bugs found | 8 |
| High priority | 5 |
| Medium priority | 3 |
| Low priority | 0 |

**Distribution of bugs by modules:**

|  |  |
| --- | --- |
| Module | Number of bugs |
| Adding a task | 1 |
| Editing a task | 4 |
| Removal a task | 1 |
| Task Validation | 1 |
| Saving a task | 1 |

**5. Types of testing performed**

**System Integration Testing**

* Checking the operation of the entire application in accordance with the requirements.
* Testing critical business scenarios to prevent errors.

**6. Test environment and tools**

* **Emulator:** Pixel 9 API 35
* **Development Environment:** Android Studio 2024.2.2.13

**7. Test completion criteria**

Testing is considered complete if the following conditions are met:

* All test cases from the prepared test plan were completed.

**8. Conclusion**

Testing of the mobile application **"Shopping-list"** is completed. All checks were performed according to the developed documentation. The detected defects are described and documented.