

Test plan Flo



1 ID

Testing application version 8.3.1

2 Introduction

This test plan is designed to test the Flo mobile app. Women's period calendar Flo is the first app (menstrual diary) that uses artificial intelligence to identify irregular period cycle, ovulation and PMS symptoms. State-of-the-art technology based on machine learning makes it possible to make the most accurate prediction of the beginning of your critical days and ovulation.

This mobile app has the following goals:

1. Provide the user with information (articles, symptoms) about women's health.
2. Provide the ability to track your menstrual cycle; give a full report of length, intensity, and symptoms.

This document contains all the information about the approach, methodologies, resources, and testing team needed to achieve your goals.

3 Scope of work

There is a list of test objects below:


- ✓ Installing the app on your phone
- ✓ Launching the app on your phone
- ✓ Creating an account
- ✓ *Mark the start of your period* function
- ✓ *Mark the end of your period* function
- ✓ Checking the *"Today"* tab
- ✓ Checking the *Tips* tab
- ✓ Application Settings
- ✓ Checking schedules and reports
- ✓ *Cycle and Ovulation* Check
- ✓ Close the application
- ✓ Uninstall an app from your phone
- ✓ Usability of the app

4 Software risk issues

The following risks can be identified for this project:

- The need to add new functionality and create a new version of the software a week before release.
- Technical limitations of the device.
- Firing or leaving key employees a week before the release.
- Insufficient funding.
- Defects and failures caused by the software under test and third-party software working together.
- Contradiction of the application security policy to the regulations of the country where the application will be implemented.
- The release of new devices, new OS versions, updates that may affect the libraries used by the application.

5 Features to be tested

1	Authorization in the application	Log in/log out of account, change user
2	User Profile	Display account type (regular/premium), enter name or nickname, customize your lifestyle, logout
3	Tab 	<p>Watch the cycle:</p> <ol style="list-style-type: none">1. Graphs and reports (BTC and Ovulation, Eating, Weight, Activity, Sleep, Water, Cycle Length); check against specific data2. Cycle and ovulation (cycle length, period length, luteal phase, show cycle days, chance of getting pregnant); check against specific data3. Settings (login password, appearance)4. Reminders5. Help (go to help. flo) <p>Get pregnant (after enabling this function, check that the app displays information on the cycle and on tips for pregnant women)</p> <p>Tracking Pregnancy</p>
4	Tab "Today"	Display current day and cycle phase information, "mark your period" button, tips for each day, information on cycle length, periods, length fluctuations, availability of assistant Flo.

		All buttons are clickable and correspond to their logic. Check that the calendar is up to date (current month, number of days corresponds to the year).
5	Tips tab	All Tips tab: displays all women's health tips available in a regular account (in a premium account), the ability to save a tip to display it in the Saved tab. Saved" tab: displays all tips saved by the user
6	Usability of the application	Passing the nth number of tasks to use the application.

6 Features not to be tested

- a) The application works on Windows Phone.
- b) The application works on Symbain, Linux.

7 Approach

Testing will be done on mobile devices Samsung Galaxy A51, Xiaomi Redmi 8, Iphone 6s.

Testing will be performed on mobile devices with OS versions Android 5.0 and above, iOS 5.1.1 and above.

The testing is manual, black box method.

Every two weeks there should be a meeting of testing and development teams with the customer.

Specialized software required to test the application is not required.

8 Item pass/fail criteria

The requirements are covered by at least 80%.

100% of known bugs, 90% of medium criticality bugs, and 50% of other bugs should be closed.

9 Suspension criteria and resumption requirements

The criterion for stopping testing is the appearance and recording in the bug-tracking system of a blocking bug. Also, a violation of the business logic in the operation of the application.

The criterion for continuing testing is the elimination of the defect with Severity Blocker that caused the application to stop

10 Test deliverables

The result of the testing is the receipt of the following documents:

- Test plan.
- Test cases.
- Checklist.
- Bug Reports.
- Final test report.

11 Technical requirements

Mobile devices with Android 5.0 and above, iOS 5.1.1 and above. A paid premium account for the Flo app.

12 Remaining test tasks

1	Writing a test plan	Creating a test plan, responsibilities
2	Writing test cases	Test objects, responsibilities
3	Development of testing success criteria	Test success criteria
4	Conducting tests and evaluating results	Approach to testing, responsibilities
5	Creation of reports on test results	Test results

13 Responsibilities

№	Role	Responsibilities	Responsible
1	Project manager	Writing a test report	A.A. Vasil'kova.
2	Team Lead	Writing a test plan	N.D. Borikov.
3	Junior, middle QA	Writing test documentation (checklist, test cases)	Kolokolchikova K.P., Bolkonsky A.N., Rostova S.A., Kuragina E.V., Drubetskoy B.V.
4	Junior, middle QA	Passing tests, making bug reports	Kolokolchikova K.P., Bolkonsky A.N., Rostova S.A., Kuragina E.V., Drubetskoy B.V.

14 Schedule

Flo application testing should be done within 6 months.

1	Requirements analysis	1 month
2	Test design	1.5 months
3	Testing	1 month
4	Regression testing	1 month
5	Acceptance testing	1 month
6	Reports and project submission	0.5 months

Early delivery of the test report to the Customer is allowed. The deadlines for the development and testing teams are determined by their direct supervisors and must correlate with the overall deadline for the entire work.

15 Planning risks and contingencies

The following risks in testing are possible:

- Employee illness.
- Dismissal of an employee.
- Test Device Failure.
- Other force majeure.

16 Approvals

Test Case Approval _____

Receiving the finished project _____