

# Acceptance tests

## **As a user I want to be able to launch the application**

**Test case description:** Launch the application.

**Precondition:** The application is installed and ready to run.

**Test steps:**

1. Launch the application Alarmed+.
2. Verify that the main activity and the "Add alarm"-button are visible.

## **As a user I want to be able to create an alarm**

**Test case description:** Create an alarm.

**Precondition:** The application is running.

**Test steps:**

1. Click on the "Add alarm" button.
2. Select an optional time.
3. Select an optional task.
4. Select if you want the alarm to recur and on what days
5. Click the "Set alarm" button.
6. Verify that the alarm now is shown on the screen.
7. Verify that the alarm is enabled.

## **As a user I want to notice that the alarm has been activated**

**Test case description:** Activate the alarm.

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Verify that the alarm tone starting to sound at the set time.
2. Verify that the device start to vibrate at the set time.
3. Verify that the device shows a new activity at the set time.

**Test case description:** Activate the alarm and wake up device.

**Precondition:** An alarm is created and device is put in sleep/locked mode.

**Test steps:**

1. Verify that the alarm tone starting to sound at the set time.
2. Verify that the device start to vibrate at the set time.
3. Verify that the device wake up out of sleep/locked mode.
4. Verify that the device shows a new activity at the set time.

## **As a user I want to be able to edit an alarm**

**Test case description:** Edit the time for an alarm

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Longclick one created alarm.
2. Click "Edit Alarm".
3. Select an optional new time.
4. Click the "Set alarm" button.
5. Verify that the alarm time now is changed to the new one.

**Test case description:** Edit the task for an alarm

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Longclick one created alarm.
2. Click "Edit Alarm".
3. Select an optional new task.
4. Click the "Set alarm" button.
5. Do step 1-2 again.
6. Verify that the alarm task now is changed to the new one.

**Test case description:** Edit the days for an alarm to recur.

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Longclick one created alarm.
2. Click "Edit Alarm".
3. Click "Select recurring days"
4. Select what days you want the alarm to recur.
5. Click the "Set alarm" button.
6. Do steps 1-3 again.
7. Verify that the days the alarm recur now are changed.

## **As a user I want to be able to create multiple alarms**

**Test case description:** Create multiple alarms

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Click the "Add alarm" button.
2. Select an optional time.
3. Click the "Set alarm" button.
4. Verify that two alarms now are visible.

## **As a user I want to be able to browse all my alarms**

**Test case description:** Browse the alarms.

**Precondition:** At least one alarm is created.

**Test steps:**

1. Open the application

2. Verify that you can see the created alarms.

### **As a user I want to be able to shut off an alarm**

**Test case description:** Shut off alarm by solving a math task

**Precondition:** One alarm is created.

**Test steps:**

1. Solve five following mathematical problems that you are asked to solve.
2. Verify that the alarm is shut off.
3. Verify that the alarm is disabled

**Test case description:** Shut off alarm by solving a math task

**Precondition:** One alarm is created.

**Test steps:**

1. Solve the memory that you are asked to solve.
2. Verify that the alarm is shut off.
3. Verify that the alarm is disabled.

### **As a user I want to be able to remove an existing alarm**

**Test case description:** Remove an existing alarm

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Longclick one created alarm.
2. Click "Delete Alarm".
3. Verify that the alarm now are removed.

### **As a user I want to be able to disable an alarm**

**Test case description:** Disable an existing alarm

**Precondition:** The application is running and one alarm is created.

**Test steps:**

1. Uncheck the checkbox to the right at one alarm.
2. Verify that the alarm doesn't activated at the set time.