

SeaBird

User manual

Last update: 07.07.2022

Device functionality description

- Mobile connectivity:
 - LTE-M
 - NB-IoT (Narrowband IoT)
 - Band 20 (800 MHz)
 - eSIM technology
- Bluetooth connectivity
 - Bluetooth 5
 - Up to 10 meter range
 - Device presence detection with Bluetooth Beacons
- Wireless charging, Qi standard
- Battery: 300 mAh LiPO battery
- Watch - electromechanical
- Sensors:
 - GPS
 - Location data recording
 - Geofence functionality
 - Alarm button + audio clip recording. Audio clip up to 1 minute, default 10 seconds
 - Fall sensor (accelerometer + gyroscope)
 - Flip sensor (accelerometer + gyroscope)
 - Step counter
 - Temperature sensor



Device status indications, LED status

Status	LED colors	LED Mode
Connected to mobile network	Green	Blinks, 1s ON, 9 s OFF
Not connected to mobile network, but should be	Red	Blinks, 1s ON, 9 s OFF
Bluetooth connection to smartphone	Green	Constantly ON
Battery low	Red	Blinks, 0,5s ON, 1,5s OFF
Charging	Orange (Green + Red)	Constantly ON
Alarm triggered	Red	Blink, 0,3s OFF, 0,3s ON for 10 seconds



Getting started

1. Install SeaBird app:
 - a. Google Play
 - b. App Store
 - c. App-debug.apk via link or QR-code

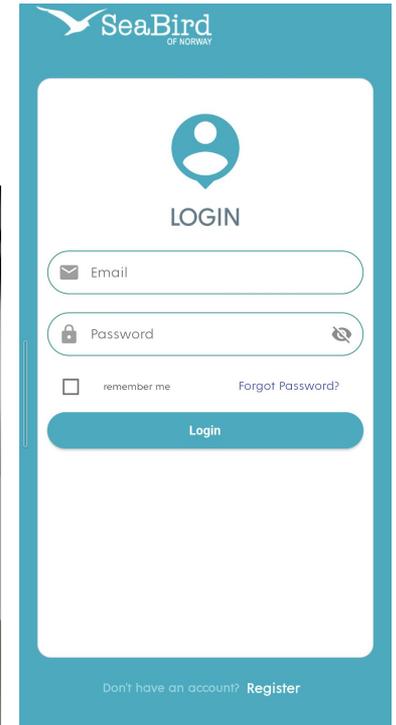
(https://drive.google.com/drive/folders/1GFwrSrBAGccSikrZLuQVKJ_SvFwz5acj?usp=sharing)



2. Place the device on the wireless charger

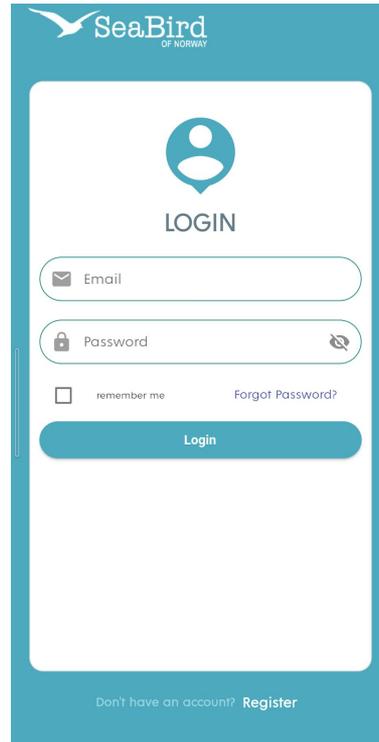


3. Open the app:

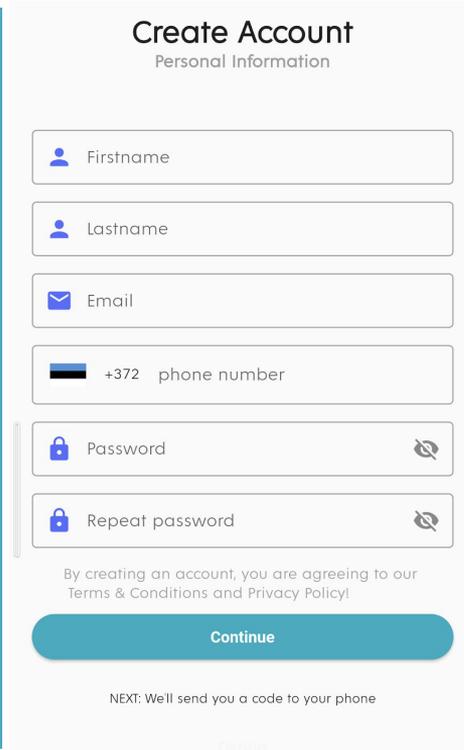


Creating the account

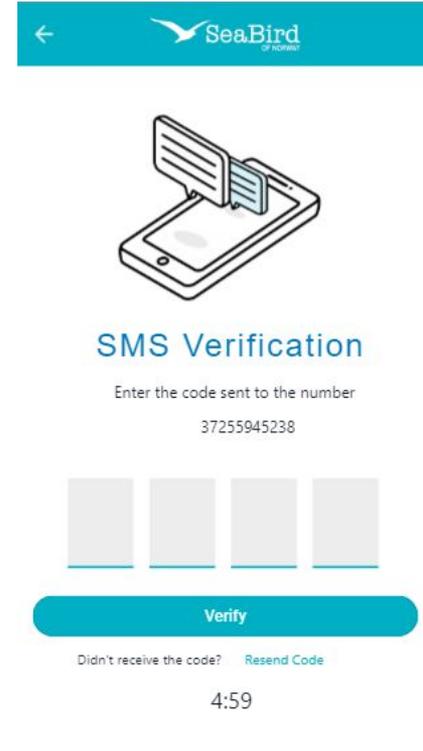
1. On the bottom of opening page, click “Register”
2. Enter account details
3. Confirm phone number by entering the code received by verification SMS
4. In case account exists, enter the details and optionally check “Remember me”. Click Login



The image shows the login screen for SeaBird OF NORWAY. At the top, there is a logo with a bird icon and the text "SeaBird OF NORWAY". Below the logo is a large teal circle containing a white person icon, with the word "LOGIN" underneath. There are two input fields: "Email" and "Password". The "Password" field has a lock icon and a "Forgot Password?" link. Below the fields is a checkbox labeled "remember me" and a teal "Login" button. At the bottom, there is a link: "Don't have an account? Register".



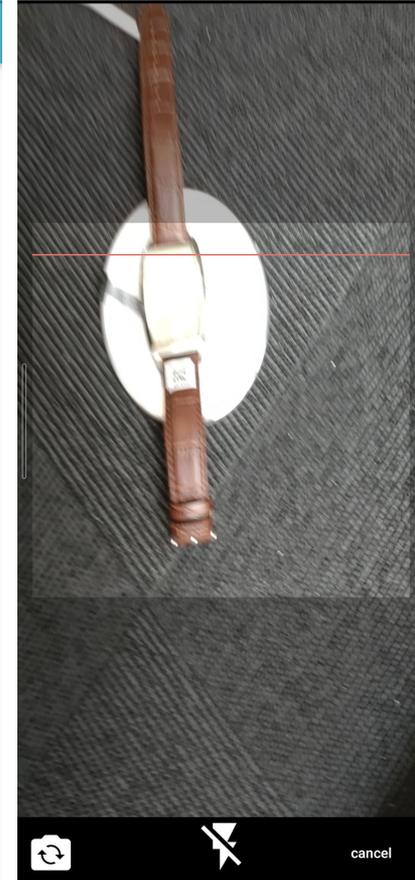
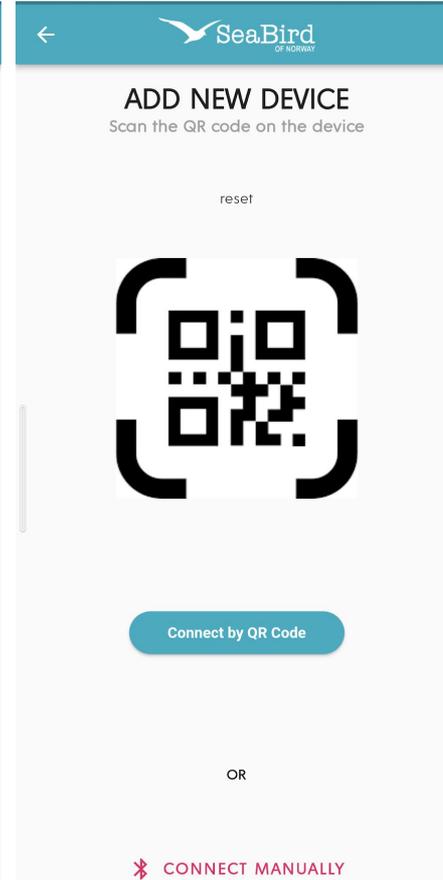
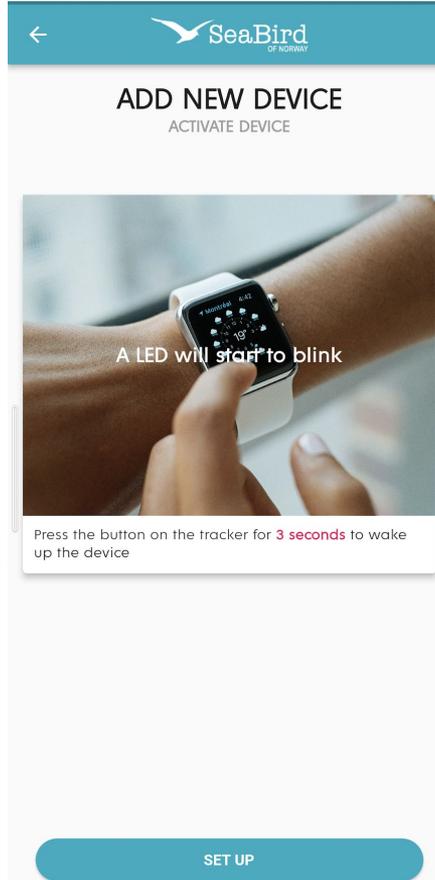
The image shows the "Create Account" screen for SeaBird OF NORWAY, titled "Personal Information". It features several input fields: "Firstname", "Lastname", "Email", a phone number field with a Norwegian flag icon and "+372" prefix, "Password", and "Repeat password". Each field has a corresponding icon (person, envelope, lock). Below the fields is a teal "Continue" button. At the bottom, there is a note: "By creating an account, you are agreeing to our Terms & Conditions and Privacy Policy!" and "NEXT: We'll send you a code to your phone".



The image shows the "SMS Verification" screen for SeaBird OF NORWAY. It features an illustration of a smartphone with a message icon. Below the illustration is the text "SMS Verification" and "Enter the code sent to the number 37255945238". There are four empty boxes for entering the code. Below the boxes is a teal "Verify" button. At the bottom, there is a link: "Didn't receive the code? Resend Code" and a timer showing "4:59".

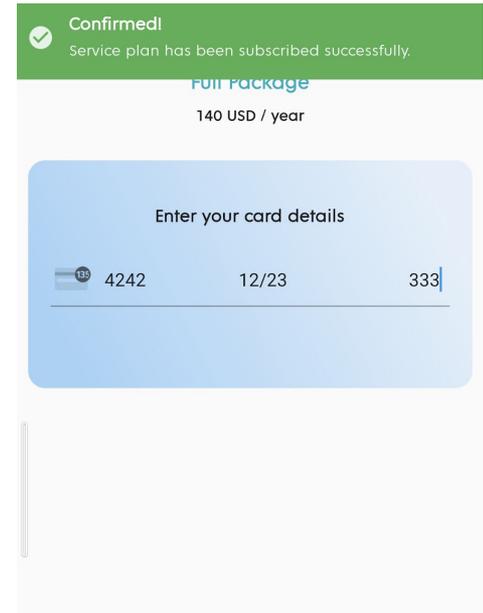
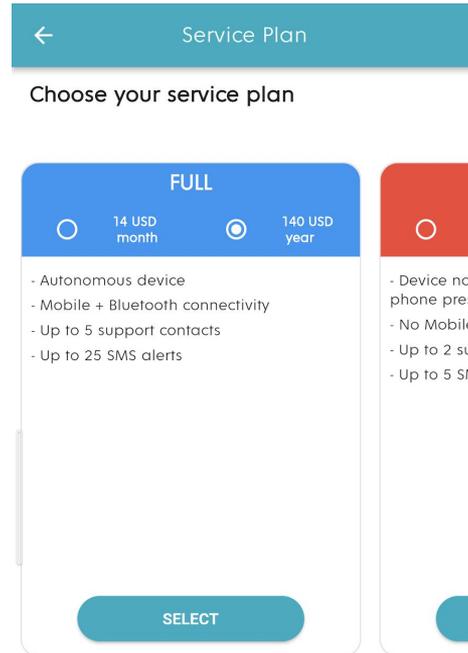
Adding the device

1. Click “Set up The Device” or “+” / “ADD DEVICE”
2. Place the device on the wireless charger. Wait for Orange LED to be lit. Click “SET UP”
3. Scan the QR-code on the device or select “CONNECT MANUALLY”. In case app asks permission to use Camera, give permission.
4. Give permission to use phones location
5. After phone has detected the device, click “Connect”



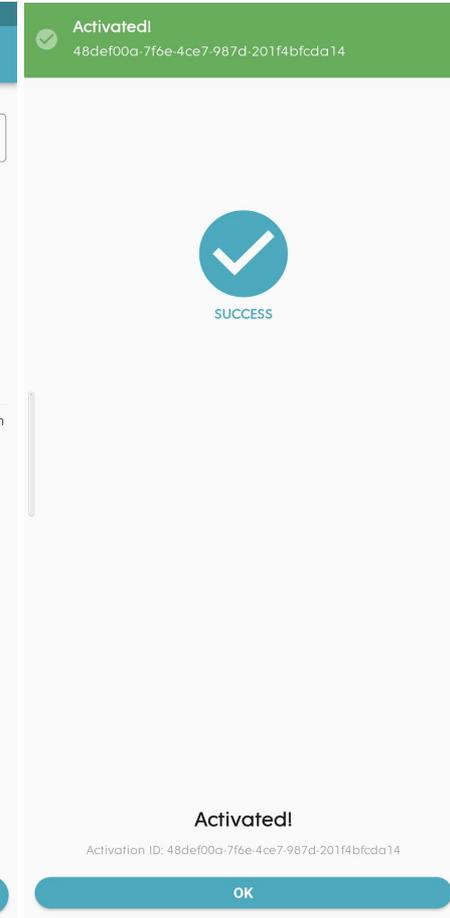
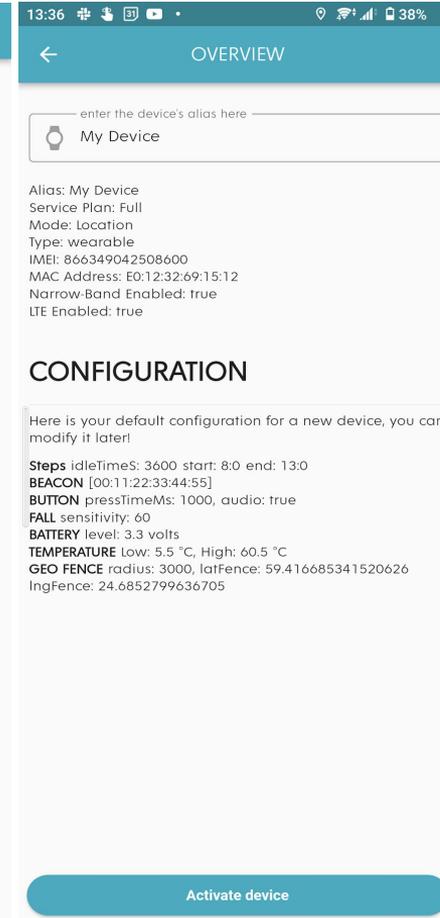
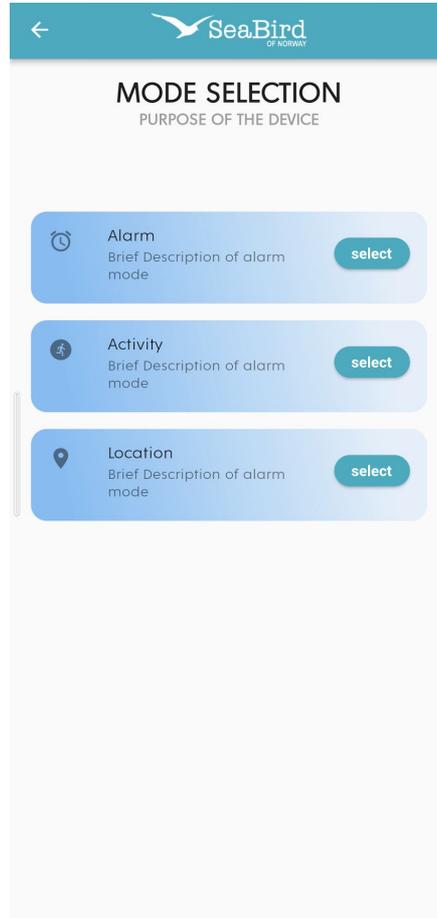
Service Plans, Payment

1. Select preferred service and subscription plan
2. For testing purposes, FULL plan is strongly recommended
3. Enter credit card details. For testing purposes, following card details could be used:
 - a. Card nr: 4242 4242 4242 4242
 - b. Valid Thru: 12/23
 - c. CVC 333



Modes

1. Select Mode of the device. For full features, Location mode is suggested
2. On top of the next page, add an alias /nickname for the device
3. Activate the device and wait for confirmation. All is set



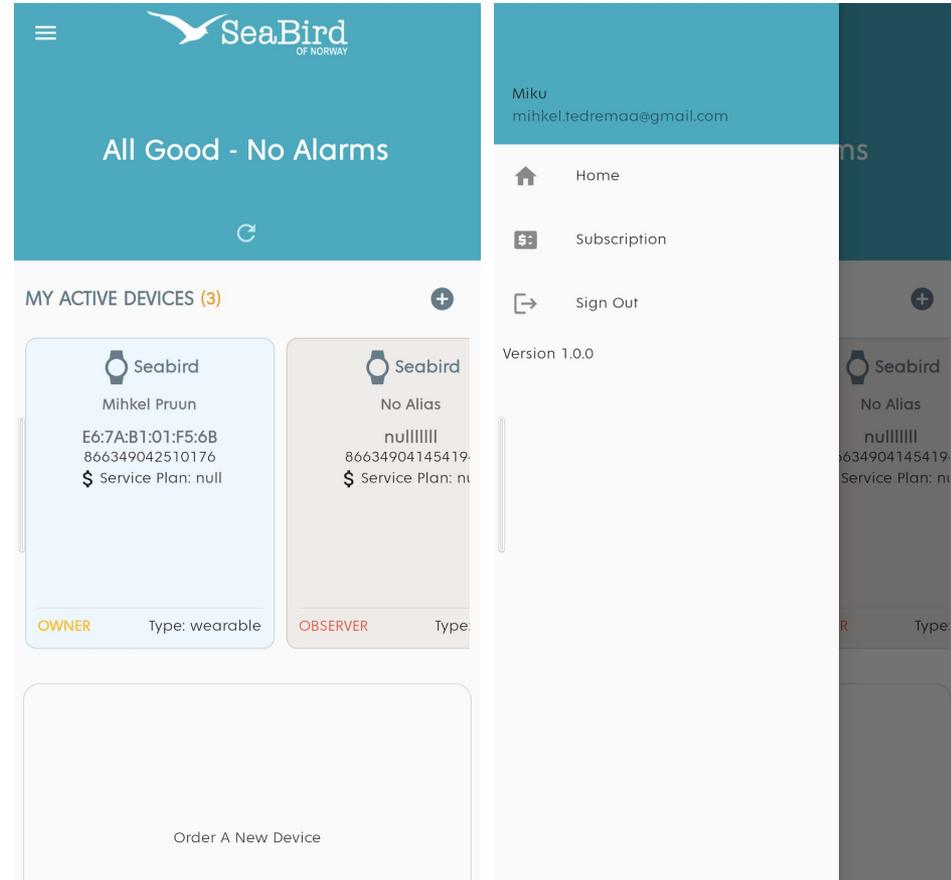
Mode details - default settings

Alert trigger	Trigger condition	Alarm mode	Activity mode	Location mode
Button	Hold button at least 1 second	Yes	Yes	Yes
Fall, Flip,	Medium sensitivity	Yes	Yes	Yes
Temperature	5°C<OK<60,5°C	Yes	Yes	Yes
Steps	No steps during 1h between 8:00-13:00 triggers alarm	No	Yes	Yes
Beacon	Configurable	No	No	Yes
Geofence	Artelli 19, Tallinn +20km radius	No	No	Yes

- Device indicates alarm triggering by blinking RED LED for 10 seconds
- Additionally device checks for low battery and can trigger the alarm

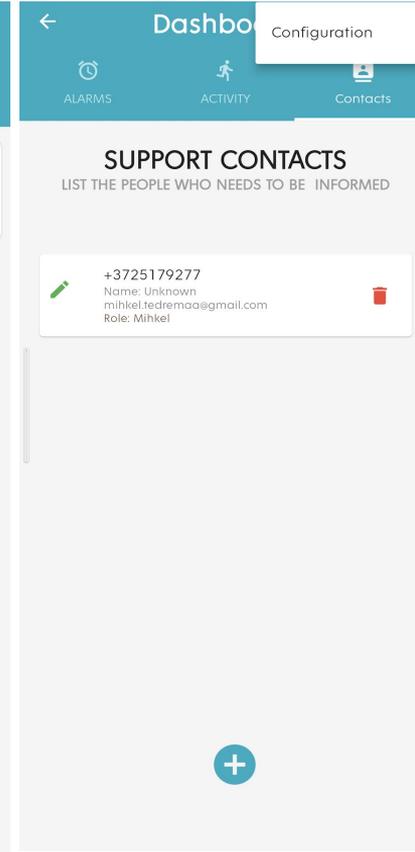
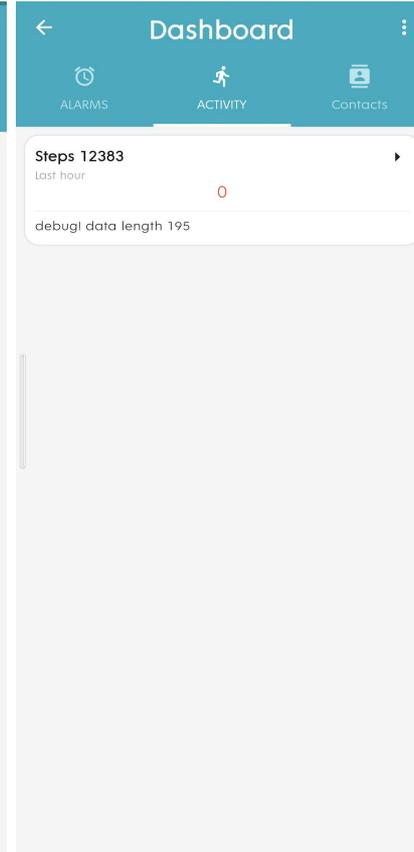
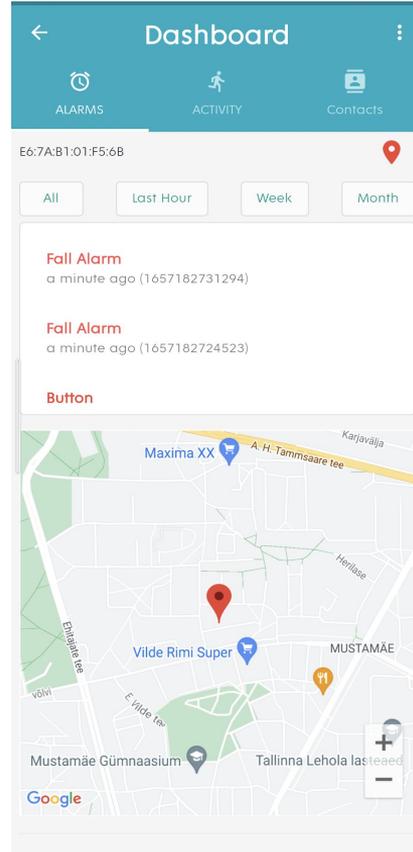
Main view

- Top of the page shows alarm/alert status of the device
- My active devices - overview of devices linked with your account (either owner or observer)
- “+” next to “My active devices” enables to add additional devices
- Clicking on the device box will open device details and data page
- Menu button on top left corner enables to see account info, the subscriptions linked with user or Sign Out possibility



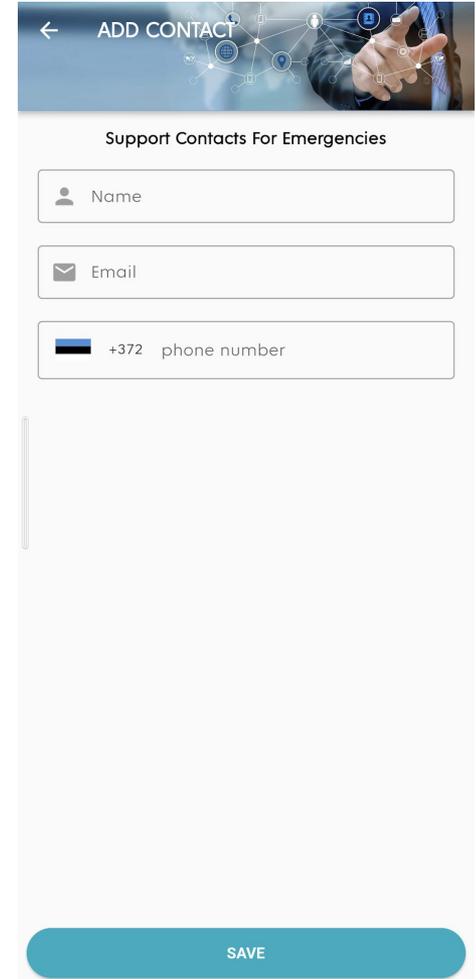
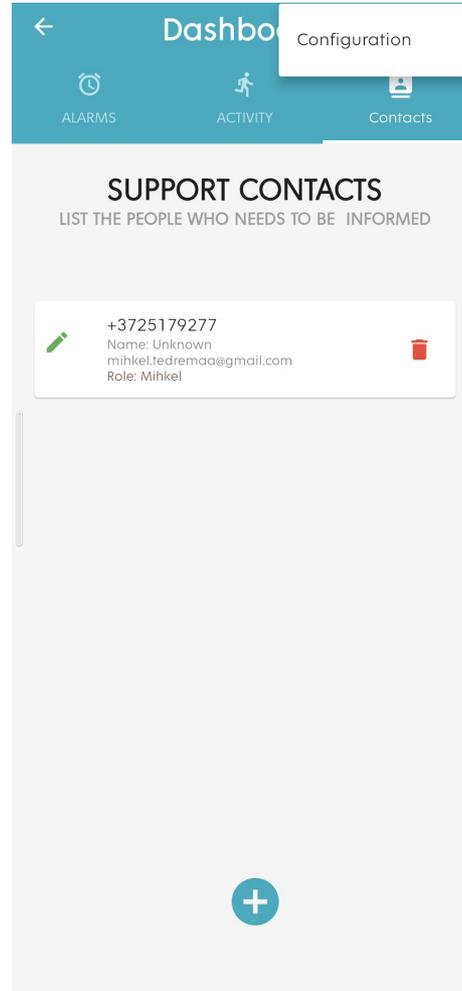
Device view / Device Dashboard

- Alarms tab - shows the last known location of the device and list of alarms
- Activity - overview of users activity + step count
- Support contacts - list of contacts who get alarm notifications
- Menu button - possibility to configure the device



Support contacts

- List of contacts who also get alarm notifications (e.g. SMS) from the devices
- Several support contacts are possible to be added
- In case support contacts download the app and create an account with same phone number, they can also see the alarm data and locations from this device, but they are not able to configure the device
- Maximum amount of support contacts for specific device is dependent on the selected Service Plan
- Click “+” on bottom of the screen to add new support contacts



Alerts

- In case an alert is triggered by device, Alerts will be visible at device page and on top of the main view together with alarm location (most recent know location right before or after the alert)
- Clicking on the red pin on the map, it shows the time of the location
- Clicking “See All” on top of main view alert panel would enable to see the list of alerts and alerts could also be cleared
- Support contacts will also receive an SMS with alert description. Clicking on the link in the SMS will open dedicated Alarm Details overview page. This page needs the app to be installed, but account or login is not required. In case app is not installed, the link will take user to Google Play or App Store to download the app

