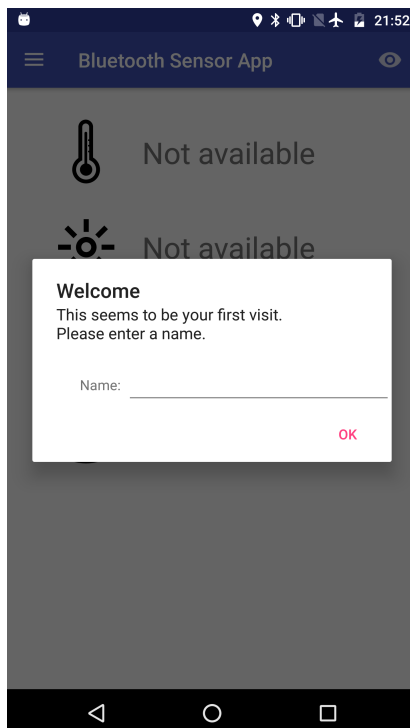


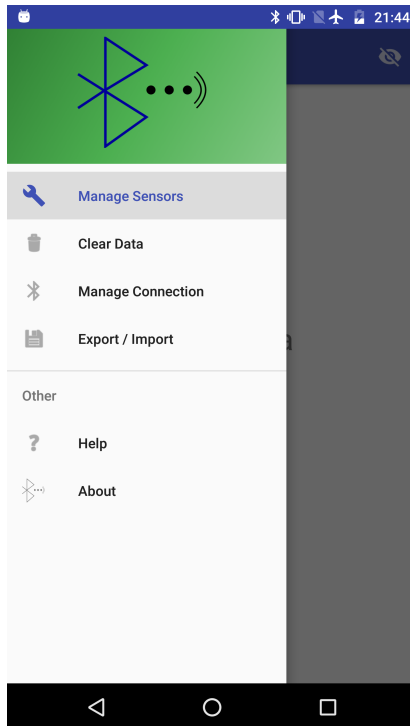
Bluetooth Sensor App User Guide

First Steps

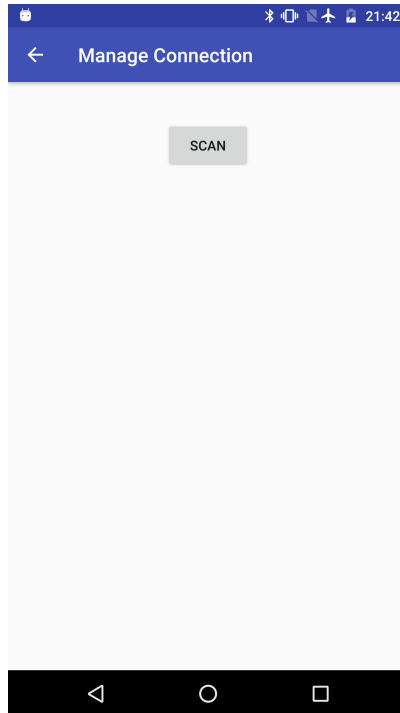
Upon first opening the application, you will be greeted with a prompt to select a user name. Enter a user name and press ok to continue. If you do not want a user name simply press the screen anywhere outside of the white box



To connect the phone to a sensor chip, navigate to the menu button in the header bar of the home screen.



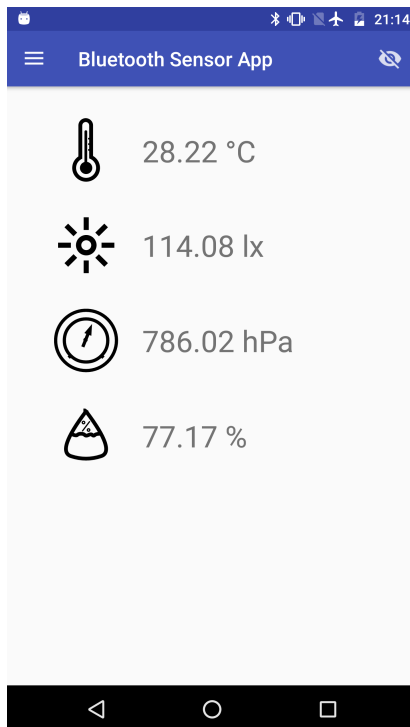
In the menu select “Manage Connection



Press the “scan” button to search for and display sensor chips that are in range. If a sensor is in range you will can select it and will be connected to it.

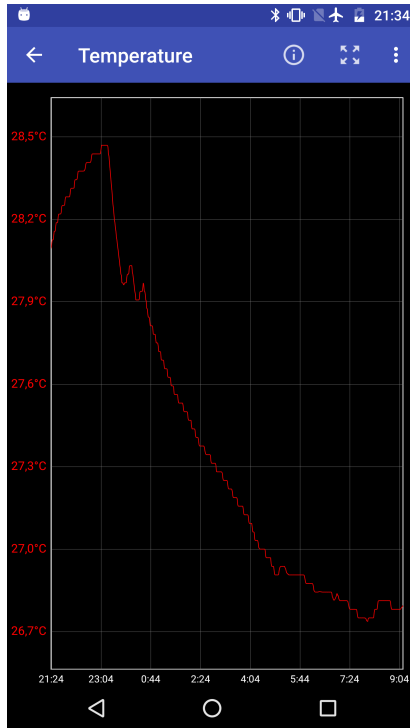
Exploring Data

The home screen of the app shows you the current temperature, brightness, pressure and humidity as measured by the sensor chip. If no current data is available, it will show the last recorded data.



If you intend to use the app as a weather station of sort, select the icon in the top right of the header bar. This will leave the screen turned on.

Select one of the sensor icons to explore data collected by the respective sensor.

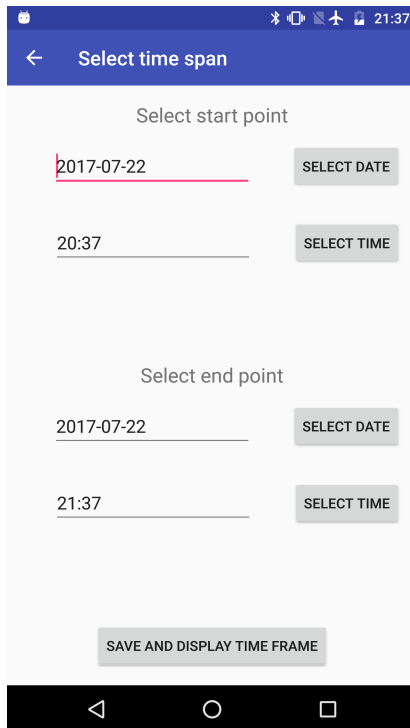


Zooming in and out of the visualisation is possible. If you wish to return to the default zoom, press the expand button in the header bar.

Selecting the information button will show information about the currently selected time data.



In order to choose a different time span select the submenu in the top right corner of the header bar and select “Select time span”.



The screenshot shows a mobile application interface with a blue header bar containing a back arrow and the text "Select time span". The main content area is light gray and contains two sections: "Select start point" and "Select end point". Each section has a text input field and a "SELECT DATE" button. The start point is set to "2017-07-22" and "20:37", while the end point is set to "2017-07-22" and "21:37". There are also "SELECT TIME" buttons for each section. At the bottom, there is a "SAVE AND DISPLAY TIME FRAME" button. The status bar at the top shows various icons and the time "21:37".

Select time span

Select start point

2017-07-22 SELECT DATE

20:37 SELECT TIME

Select end point

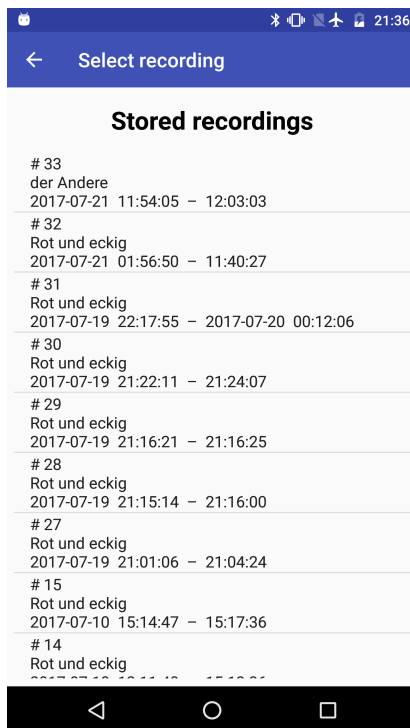
2017-07-22 SELECT DATE

21:37 SELECT TIME

SAVE AND DISPLAY TIME FRAME

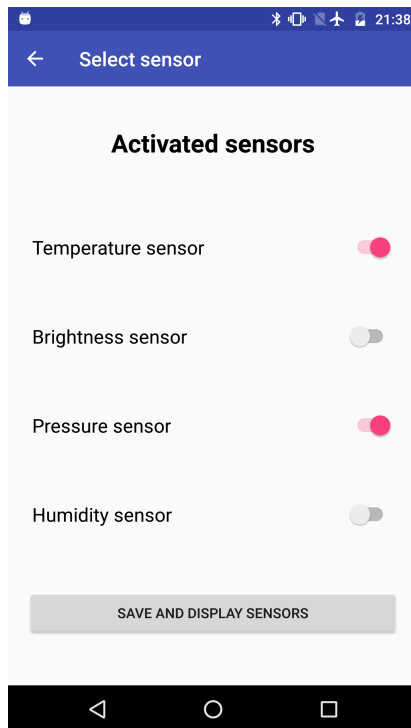
By default the last hour will be selected. Select the desired start date/time and end date/time. The values have to be valid in order to return to the visualisation. This means that the start point can't be before the end point.

In order to choose a different recording select the submenu in the top right corner of the header bar and select “Select recording”.



Choose one of your stored recordings and return to the visualisation to explore it.

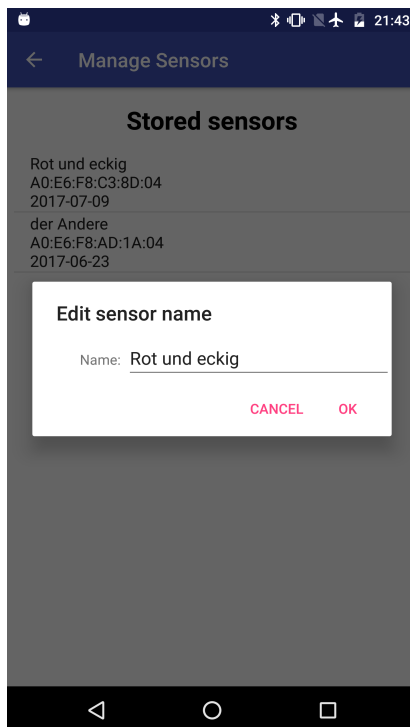
To add a second sensor to the visualisation select the submenu in the top right corner of the header bar and select “Select sensor”.



You can add and remove any one of the other sensors to the visualisation, however the default sensor cannot be removed (i.e. if you got here from the temperature visualisation you cannot deselect the temperature sensor)

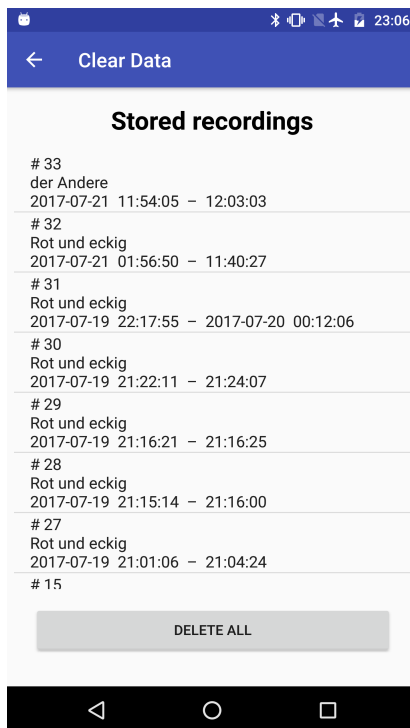
Manage Sensors

Select “Manage Sensors” in the home screen menu, to get an overview of the sensors that you have been connected to in the past. Selecting one of the sensors allows you to give it a name.



Clear Data

To clear your stored data, select the “Clear Data” option from the home screen menu. If you select the “Delete All” Button all of your stored data will be deleted.



Caution! this action is not reversible.

Export/Import Data

If you select the “Export / Import” option from the home screen menu you can export data that you have collected, restore data that you have collected if it was lost (this presupposes that you exported the data before) or import data from another database

