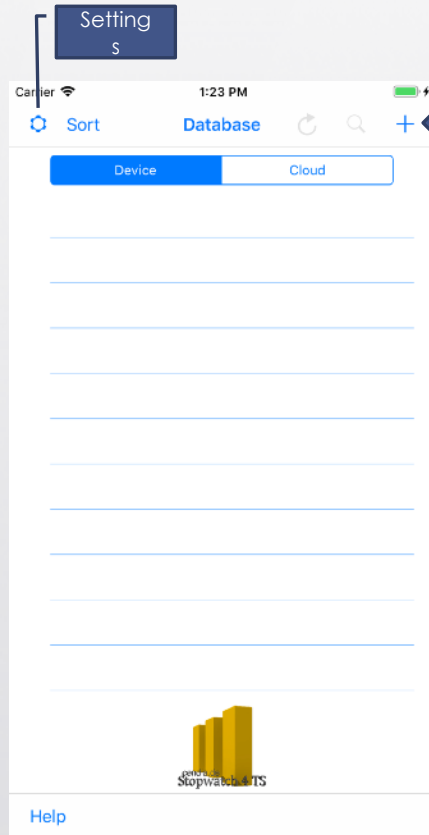




# Stopwatch 4 Time Study

quick start guide

# Database (Device)



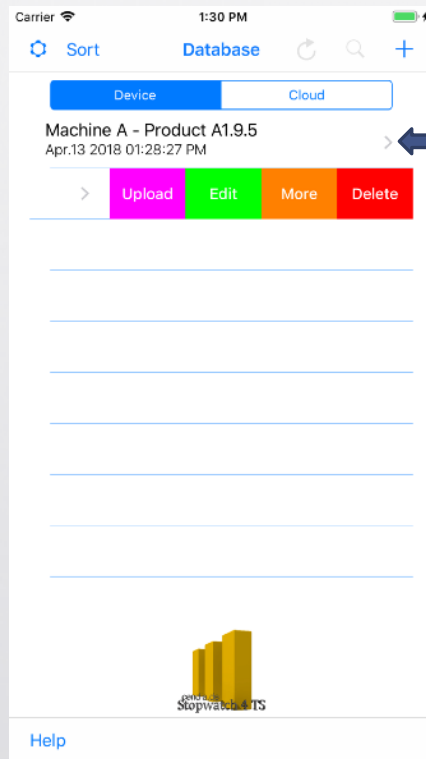
- 1 – Add a time recording

2

A modal dialog box with the title 'Please enter a description / name'. It contains a text input field with the placeholder 'Description / Name'. At the bottom, there are two buttons: 'Cancel' and 'Add'.

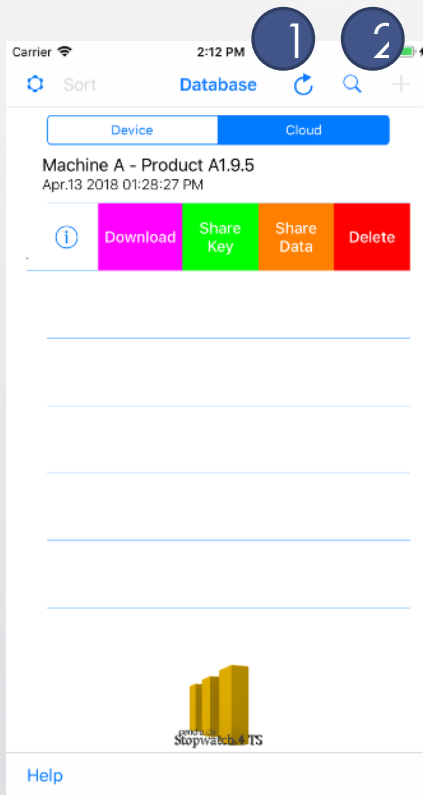
- 2 – Enter a name and press [Add]

# Database (Device)



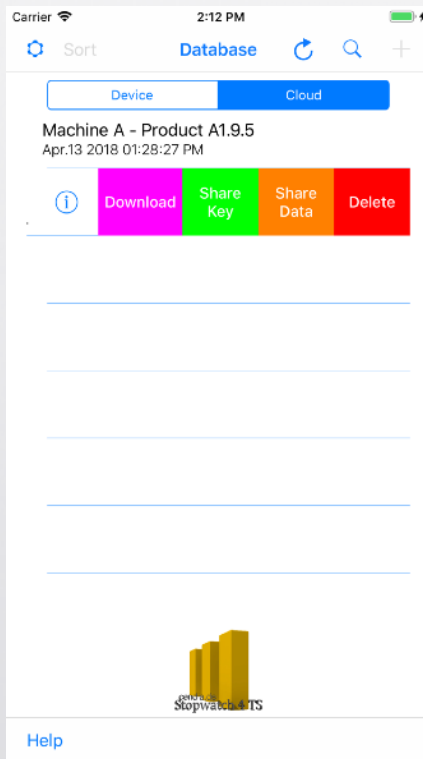
- Press on an entry to start the time recording
- Swipe from right to left for more options
  - Delete an entry
  - More
    - Information
    - Chart
    - Send as Email
  - Edit (Rename)
  - Upload to the cloud

# Database (Cloud)



1. Reload data from cloud
2. Search data with a sharing key

# Database (Cloud)

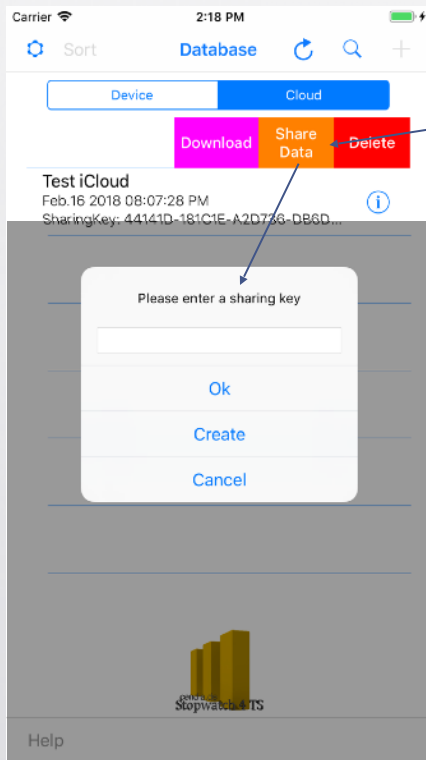


- Swipe from right to left for more options
  - Delete an entry
  - Share Data
  - Share Key (if available)
  - Download to the device



# Database (Cloud)

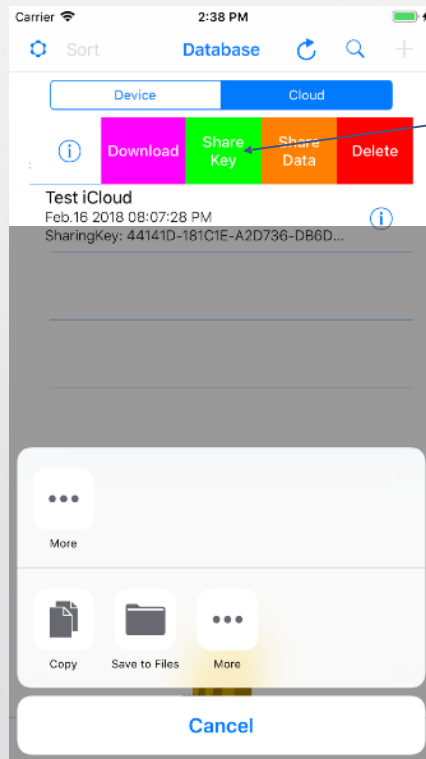
Share Data / Key



- Press [Share Data] → Now a window appears for entering the key
- [Ok] accepts the input of the text field and saves the key. (If the text field is empty, an existing key will be deleted)
- [Create] generates a key and saves it.
- [Cancel] aborts the entry.

# Database (Cloud)

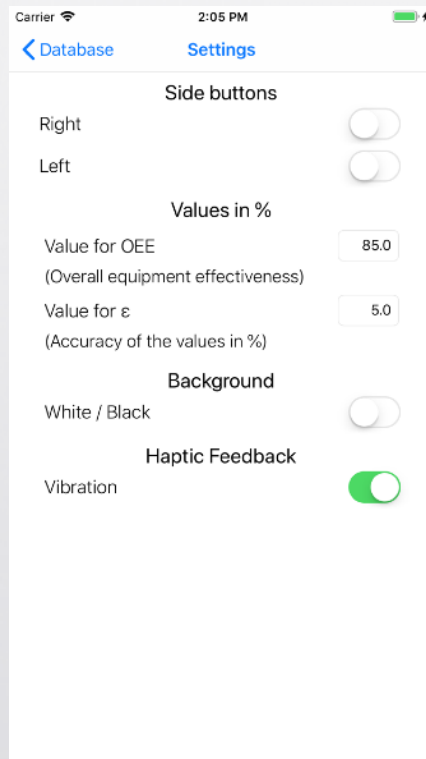
Share Data / Key



Press [Share Key] → Now the iOS sharing function appears.

(unfortunately my simulator has no corresponding apps / accounts installed 🙄)

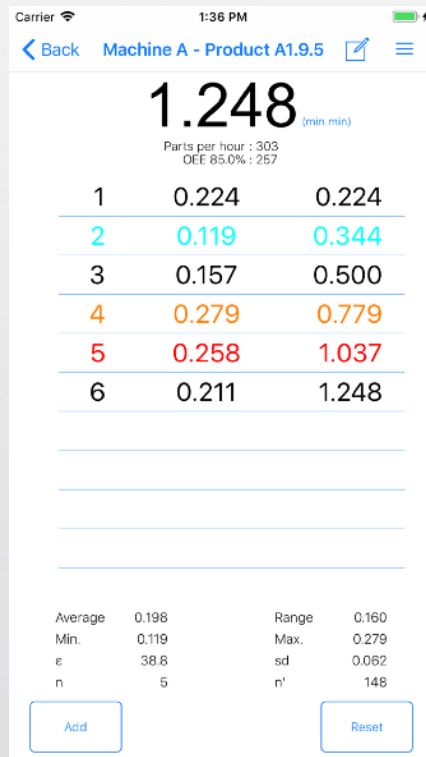
# Settings



- Side buttons: enabled at the left and/or right side next to the single values a button like the start/lap button
- Value for OEE and
- Value for epsilon (in this case 90% and 5%)
- Background (Black / White)
- Vibration (Stopwatch: left and right button)



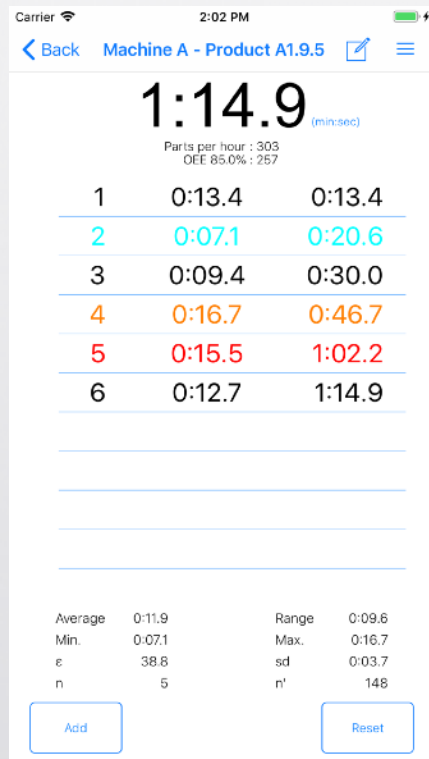
# Stopwatch



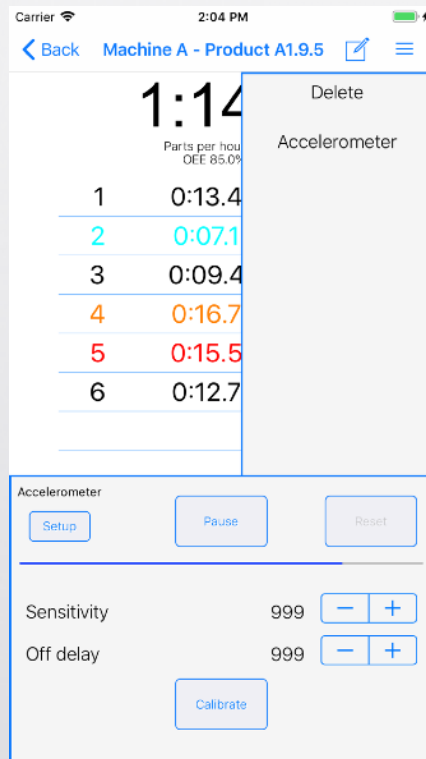
- Time in 1/100 minutes
- Parts per hour and parts per hour with OEE factor
- Colored single values
  - Tap a value to de/activate this value
  - Swipe from right to left to delete this value
  - Red: deactivate
  - Cyan: min. value
  - Orange: max. value
- Statistic
- Left and right button
- Progress bar to reach epsilon

# Stopwatch

- Time in minutes and seconds  
[press the (min.min) – Button behind the timer]



# Stopwatch



- Navigation menu
  - Back to Database (values will be saved)
  - Notebook
  - Side menu
    - Delete the recordings
    - Accelerometer menu

# Accelerometer



- Setup: Fade in (or out) the settings menu
- [Add] / [Start/Stop]: Add values, start or stop the time recording
- Sensitivity: less than 1 is less sensitive, greater than 1 is more sensitive
- Off delay: time between shakes. You can use this parameter to avoid incorrect measurements
- [Calibrate]: to calibrate the mobile phone lay the device on a safe and clear place and press [Calibrate]. The blue bar should be on the middle of its range.