P3 Project Work Journal

**Jan 15, 2024:**

* Implemented a graph display (on the home page) of the average measurement taken during a round, to better track variability and inconsistent measures.

**Jan 07, 2024:**

* Implemented Data validation when a measurement is uploaded, using the Min/Max constraints in TBL\_PARAMETER
* Re-organized widgets into separate .dart files for better readability

**Dec 20, 2023:**

* Added a card on the Scan page, displaying the last three measure taken at a given measurement point.

**Dec 04, 2023:**

* Modified navigation logic to more closely resemble that of Android Studio fragments,

Keeping data persistency between pages (mostly for round tracking).

**Nov 21, 2023:**

* Added measurement uploading when a corresponding QR code is scanned
* Implemented a round logic, to track down an employee’s round time when he/she presses the start button

**Nov 20, 2023:**

* Added data verification for QR codes scanned (must be using the ClariusDP;XX;XX format)
* Added user feedback when a code is scanned, as vibration.

**Nov 13, 2023:**

* Scan Page modified to read QR codes using the Flutter qr\_code\_scanner package
* Added a display card to verify the scanned QR text

**Nov 07, 2023:**

* Added dynamic Data display on home page cards fetched from Firebase DB
* Added user feedback when a data entry is made

**Nov 01, 2023:**

* added login / home text to welcome the user
* Finished Login page to work with Firebase’s Authentication Database

**Oct 30, 2023:**

* Firebase library compilation done
* Established link with Firebase Console
* Created a Firestore NOSQL DB
* Added an authentication layer to redirect when a user isn’t logged in.

**Oct 29, 2023:**

* started work on interface elements
* Login page, scan page and basic navigation laid out

**Oct 23, 2023:**

* new Flutter project created
* Research concerning Flutter libraries

**Oct 16, 2023:**

* added database diagrams in docs folder
* Updated README.md with more information

**Sep 25, 2023:**

* Initial commit
* Getting to know constraints and other factors.
* Documentation & planning started