TeltoHeart firmware/software changelogs

Changelog

Version	Release date	Changes
Version 2.5.0	Release date 2024-04-05	**FEATURES** • Return to previous window when Heart rate alert configuration is saved. • Added 'Perform ECG' button to Heart rate alert windows. • Introduced GUI response windows to indicate system setup service progress. • Introducing estimated SoC that converges and attempts to reduce SoC spikes **BUGFIXES** • Fixed a device crash when wrist is lost on detaching from charger. • Restored support for magicless and unencrypted asset map • Allowed DAU even with invalid primary asset map file and extend DAU wdt timeout. • Fixed device crashing while performing factory reset. • Wipe datetime settings during factory reset. **KNOWN-ISSUES** • Checkbox will change its value even if setting was not set correctly. • Double tap feature temporary disabled due to sensitivity issues • Ghosting lines behind text • Rarely the watch is no longer connecting with the phone • Bluetooth became non responsive • After the failed FW download, the watch shows 'Update failed' notification twice. • After the failed FW update, the 'Failed update' notification was not displayed.
Version 2.4.1	Release date 2024-01-10	
Version 2.4.0	Release date 2023-12-11	Internal fixes.

FEATURES
- System upgrade bundle package file structure modified given mobile application requirements
- Added support for ECG logger automatic storage tracking
- Updated HR application data field text value from 'NOW' to 'LAST'
- From now on AFib notification will redirect user to perform quick ECG instead of the one with instructions.
- Added FCC certificate
- Swapped system upgrade progress bars, so that overall progress would start from the left side.
- Battery charging fault notification fired when battery charger issues a faulty charging status
- Introduced new Consultation Advisory Notification after system boot to inform user that the readings provided by this device should not be relied upon for making medical decisions without consulting a healthcare professional
- Introduced our Atrial Fibrillation (AFib) User Interface (UI) application. It provides a straightforward way to enable or disable AFib monitoring and view the most recent suspected AFib event.

FIXES:
- User presentable time values were not updated with timezone.
- Using 'TeltoHeart' naming instead of 'MyHealth'
- Fixed wrist detection getting stuck and crashing the device.
- Fixed manually triggering charge fault notification
- A user notification about a time zone changes will be presented.
- Fixed a case when during the power-down process wearable GUI is stuck after being placed on the charging dock
- Enabled simulated ECG signal drawing graph during ECG measurement procedure.
- Refactored the ECG service to utilize the Mediocre ECG library for quality assurance and the final decision on whether to save the file or inform the user about a failed measurement.
- Fixed issue where ECG measurement misses samples due to HR file writes
- Added storage almost full event
- Handle max files in journal configuration changes.
- Introduced BLE 'Heartbeat' service, used to notify peer about existence of the device
- Fixed a failure to save system settings in a persistent memory.
- Fixed device crash when ECG recording is aborted due to system overload.
- Fixed an issue when device is stuck in the connection notification immediately after pairing if application is quit
- Fixed device getting stuck whilst shutting down on the charger.

Version 2.2.1   Release date 2023-08-10

FEATURES
• Add a power off screen to inform when shutting down is in progress.
• Fixed an issue where device would try to draw watchface twice ending up with overlapping screens.
• Diminishing the initial brightness to 70% and setting the tilt-to-wake option to be initially disabled, thereby extending the device usage duration.

FIXES:
• Fixed an issue where the low battery and critically low battery notifications were not displayed after charging the device.
• Fixed an issue where after declining a system upgrade a factory reset is initiated, on next system boot, the device restarts with new assets
• Fixed text position which was previously clipped in the watchface screen.

Known issues:
• Checkbox will change its value even if setting was not set correctly.
• Double tap feature temporary disabled due to sensitivity issues
• Ghosting lines behind text
• A 20% notification is displayed when the battery level is significantly lower, and it has already been shown.
• Rarely the watch is no longer connecting with the phone
• Bluetooth became non responsive
• ECG measurement misses samples due to HR file writes
• After the failed FW download, the watch shows 'Update failed' notification twice.
• After the failed FW update, the 'Failed update' notification was not displayed.

Version 2.2.0	Release date 2023-07-21

FIXES:
• Improved vibration patterns response to ongoing events.
• Fixed factory reset crashing when there were a lot of files to delete.
• Fixed issue with time sporadically not updating while in watch face.
• Allow waking up by back button in startup wizard.

Known issues:
• Checkbox will change its value even if setting was not set correctly.
• Double tap feature temporary disabled due to sensitivity issues