UI Cleveland Software Release Notes

Product Name	UI For T1/Eclipse
Version	01.01.11
Date	27/06/2024
Author Name	Dina Jabay
Author Email	djabay@elreha.com
Executable Name	UiCleveland
Hardware Rev	Welbilt UI AG012002000367, IO board V1

Purpose:

The purpose of this software is to provide the graphical user interface (GUI) for the T1 and Eclipse model machines. This software acts as the master, sending commands to the slave IO board, which controls the pan, lid, water, and heating processes.

Intended Use:

Test software. As deemed by Cleveland.

Compatibility:

Heating process	Eclipse model not supported
Lid and water	Not supported.
Handling IO board error	Not supported

Features Added or Modified:

Heating Process

- **Heating Process Addition**:
  - Heating is controlled by sending corresponding commands to the IO board for both pan and product heating in the T1 model.
  - When a stage completes in pause view, the user will receive a notification of the completion of the heating process.
  - Pausing the Infinity stage will prompt the user to confirm if the heating process should be aborted.

PID Factors

- **Service Menu Access**:
  - From the Service menu in the setting page, the user can enter the PID factors needed for the heating process in the IO board.
  - For the T1 model, only pan and product PID factors need to be entered. The Eclipse model requires PID factors for pan, product, and convection.

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Time/Date

- **Time and Date Settings**:
    - From the General Settings in the setting page, the user can enter the time in 24-hour format and select the date from the calendar.
    - Pressing the right check mark will update the system date and time.

Measurement Units

- **Unit Conversion**:
    - From the General Settings in the setting page, the user can change measurement units.
    - Options are Imperial (Fahrenheit and gallons) or Metric (Celsius and liters). Selecting the checkbox will update the system units accordingly.

Testing:

Testing using the IO board with a jacket and probe sensor in conjunction with the UI has been conducted. Signals being sent from the UI were tracked to ensure the right commands were transmitted.

Environment Description:

Qt creator	Version 4.10.2
Qt version	Version 5.12
Compiler arm-poky-linux-gnueabi-g++ (GCC)	Version 7.3.0
UI firmware Welbilt-mfgtools-production Image	Version DVT1.0.5-2023-04-29