# ParModbusHMI

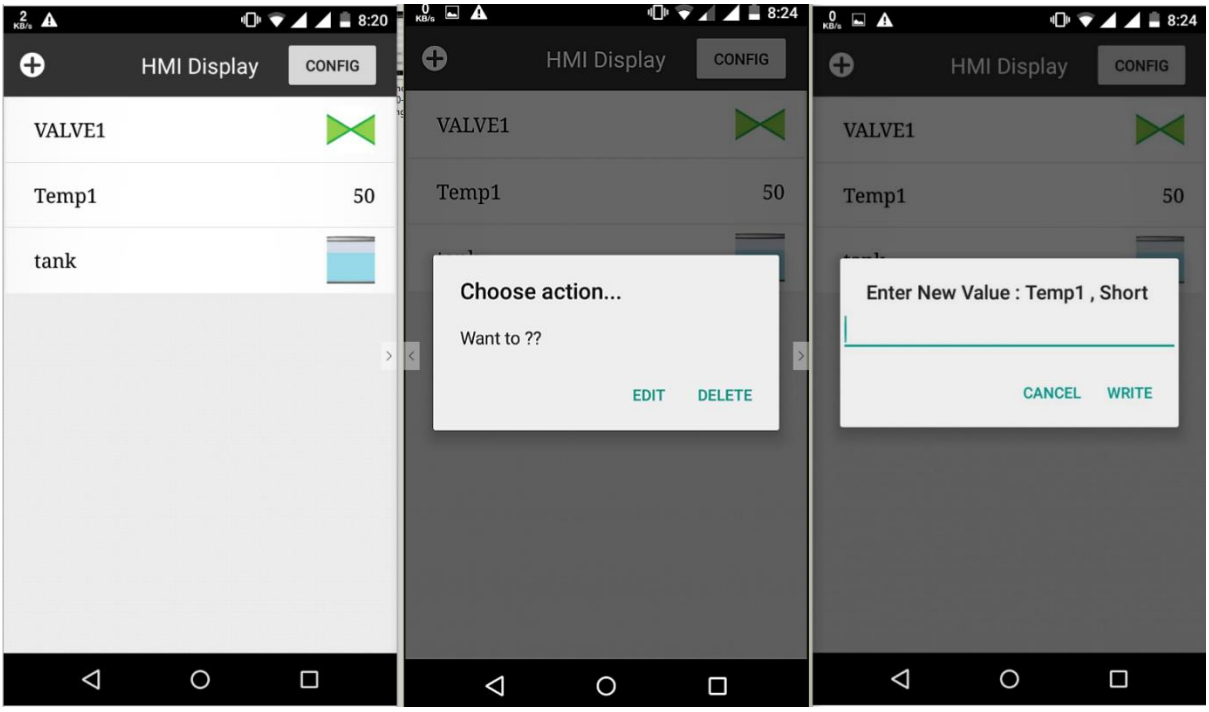
Who came up with this name?

What MB FC are supported?

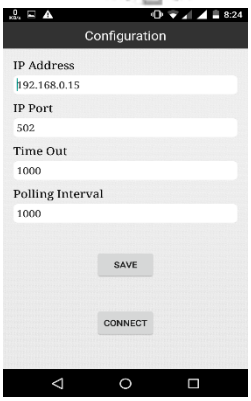
ParModbusHMI is an Android-based Modbus-TCP client that accesses data from a variety of remote Modbus-TCP server devices. Using ParModbusHMI, technicians and maintenance personnel have the ability to conveniently interact with building automation systems and factory controls from on-site or around the globe with any Android smartphone or tablet. Remote Modbus server devices can be accessed via the cellular network or any on-board Wi-Fi.

## Screen Details:

**HMI Display Screen –**

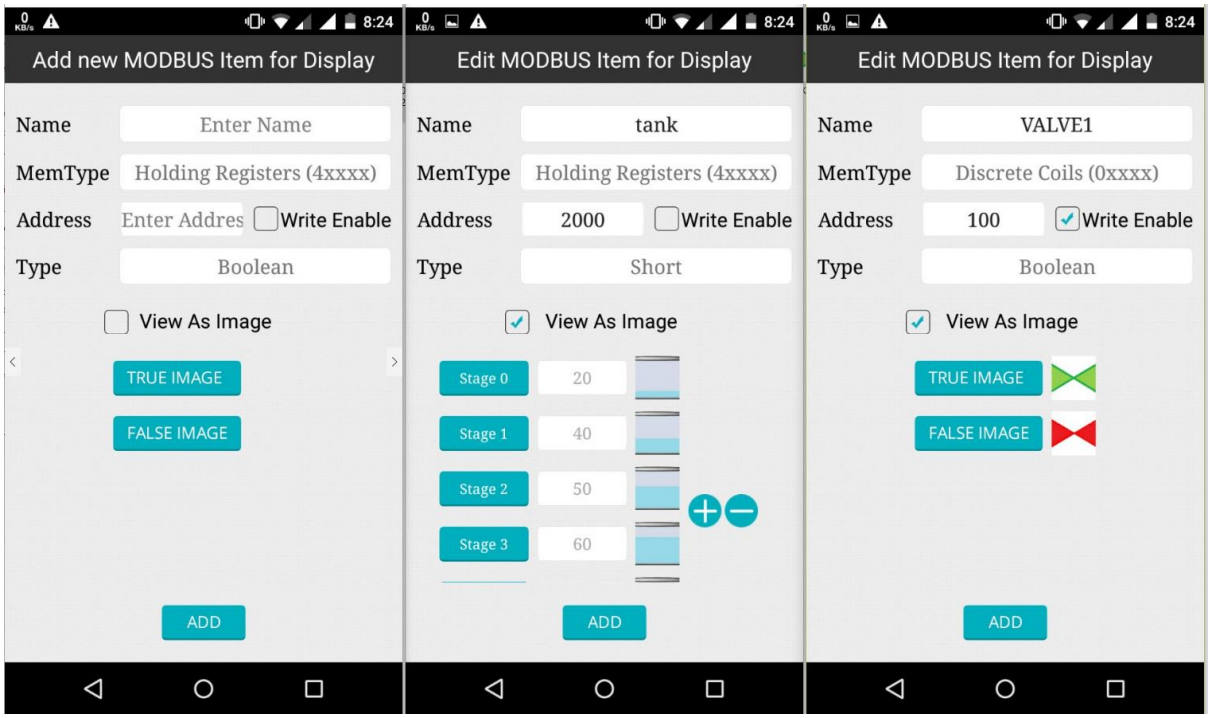



- View value/Status of defined-parameter over listview.
- Add new parameter in HMI window by clicking on Add New Icon.
- Configure IP Address, IP Port TimeOut and Polling Interval by clicking on CONFIG button.




- To set value of any parameter click on that parameter, a popup will open which will let you set the value.
- To edit parameter property, long press on parameter

**Add/Edit New Parameter Screen –**




- Configure parameter properties from here based on your requirement.
- Properties - Name: Parameter name that will be displayed on HMI Screen.
  Mem Type: Memory Type of the parameter (Holding Register, Input Register, Input Coil, Discrete Coil)
  Address: Modbus Address
  Write Enable: check this box if you want to set value of this parameter in future. (Support for Holding Register and Discrete Coil memory Type.)
  Type: Data Type of Parameter to display

View As Image: You can see real time value of parameter or also you can set your image based on your parameter value.
For Boolean parameter set value of parameter in their true and false condition and on other data type set image based on span of value.

## Features:

-Supports all Modbus function codes.

-Full protocol Address Range. (0-65535)

-Writes single Coils and Registers

-Data Display – Bool, Byte, Short, Integer, ModInteger, Float, ModFloat

-Add multiple type data on HMI Display

-Configurable Destination Port, Polling Interval, Timeout

-View parameter status as value as per user defined image

2/23/16