

# Smart Home System v1.0

Control up to 8 outputs via internet and local network



# Specifications

- ▶ Up to 8 outputs
- ▶ Led indicator for each output channel
- ▶ Auto lighting system
- ▶ Button SW for each output channel
- ▶ Ethernet controller
- ▶ 5V power output (up to 1A current)

# Outputs of the Smart Home System



- ▶ 1-8: output
- ▶ 9-10: light sensor
- ▶ 11: GND
- ▶ 12: 5V

# 1-8 output channels

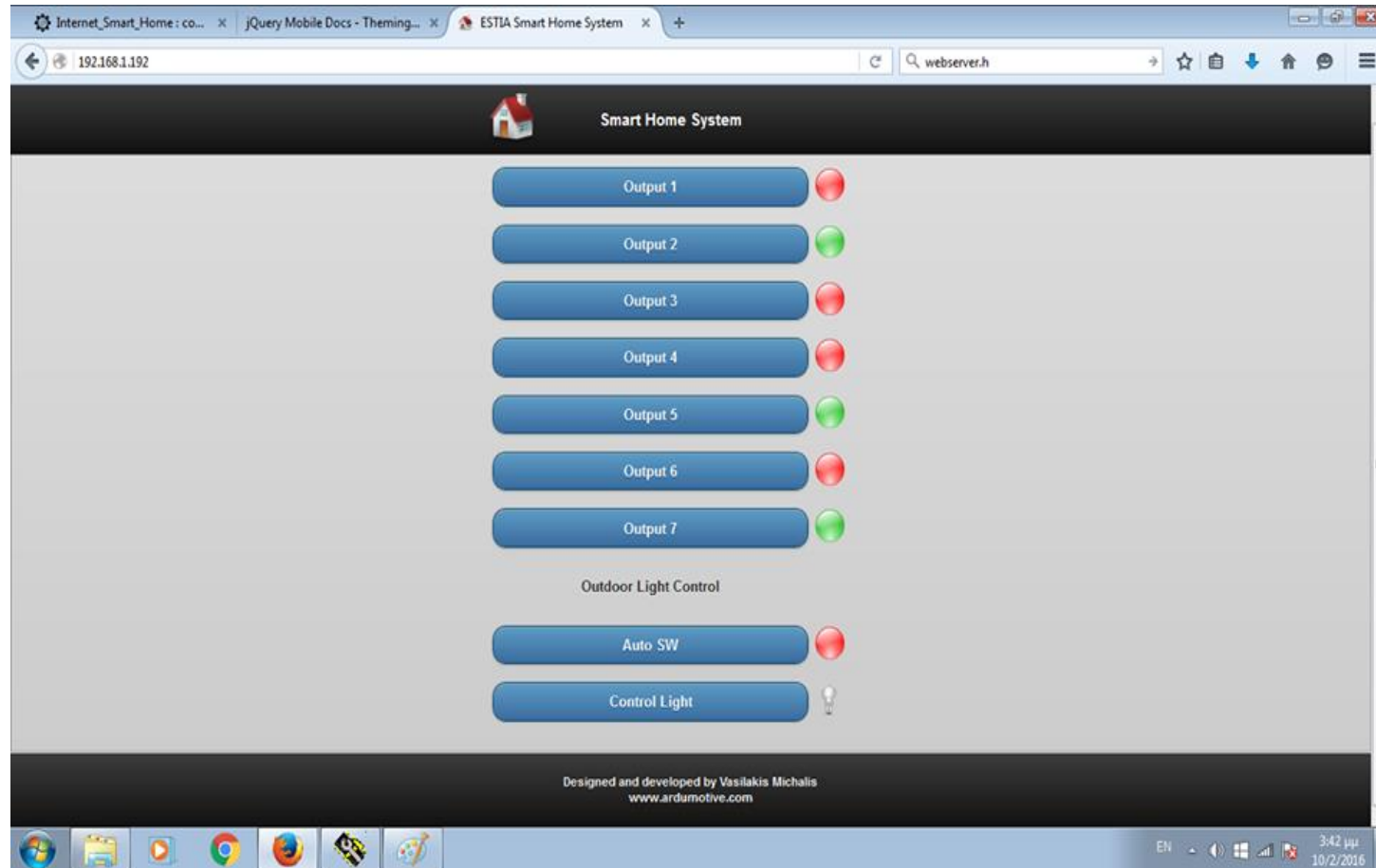
Each output can be :

- ▶ connected with a relay board
- ▶ connected with a wireless module

Auto lighting system

- ▶ Turn on/off a light(s) automatically
- ▶ Function can be enabled or disabled
- ▶ Uses the 8<sup>th</sup> output channel

# User Interface



# Future updates

- ▶ Secured and customized user interface
- ▶ Temperature sensors
- ▶ Android and IOS application

# Power specifications



- ▶ Vin 5V
- ▶ Current min 800mA / max 1A