Open Sesame

Agenda

1 April 2014

Meeting Leader: Jane McGuinness

Secretary: Angie Savela

1. General
   1. Eagle board design draft submitted for approval
      1. Use cable connector for camera
      2. Screw terminals for user connected wires
      3. Now need to order parts
   2. Action item list updated through end of project
2. Subsystems
   1. Door Status
      1. Code
         1. Microcontroller code being integrated
         2. Imp code added to request status
         3. Feature added to display time since change
      2. Options for demoing functionality being considered
   2. Camera
      1. Imp-side code merged and microcontroller code being merging
      2. Waiting for server to send picture
   3. Phone/App
      1. Waiting to hear from Yaakov
         1. Told not to pursue both options
         2. Chose original plan – basic web server
      2. Continuing to update UI for app
      3. Planning server-app photo transfer
      4. Considering home Wifi connectivity feature
   4. Wall Control
      1. Hardwire
         1. Switched to AQY21 relay (normally open)
         2. Attempting to control light
            1. Outputs of relays tied in order to connect to motor
            2. Determining capacitance for delay time

Tried matching wall panel capacitor value – 1 uF

Calculated time constant, tried 10 uF

* + - 1. PCB – know resistors and capacitors placement, but not values
    1. RF option
       1. UART, SPI, ground, VDD header pins incorporated into the board

1. Additional questions/concerns
   1. Other possibilities
      1. Demo options
      2. Designing product package
   2. Additional questions/concerns?