Open Sesame

Minutes

18 March 2014

Meeting Leader: Ka Hin Lee

Secretary: Veronica Martinez

1. Subsystems
   1. Door Status
      1. No changes
         1. *Main thing to do: design circuitry for PCB board, figuring out what is needed*
   2. Camera
      1. Decode image
         1. *Try to set up one server between what imp needs and what phone app needs*
         2. *Camera has 4 pins we will need to make final connection, soldering*
         3. *Camera end is JST connector; other end can be anything (recommended 6 pin roller??)*
      2. Save image on web server
         1. *Server can be on PHP? 🡪 talk to Yaakov about this*
         2. *DHP used in past*
         3. *Wants SQL light, if using database*
      3. Send image to phone
   3. Phone/App
      1. Improve UI
      2. Get photo image from web server
      3. Identify and recognize a specific Wi-Fi network
         1. *Once phone can identify network, can maybe do something automatically (i.e. open the door, etc.)*
      4. Improve method of sending signal to IMP
         1. *Text message notifications?*
   4. Wall Control
      1. Design breadboard circuit
         1. *High priority in order to get PCB designs finished with enough time for review before they are sent out (by the end of this month)*
      2. Test breadboard circuit with motor
         1. *Need light bulb*
2. Additional Items
   1. Integrate all subsystems
   2. Design PCB board for wall control
      1. *Want to get PCB board designed by the end of this month, so that Schafer can review to*
      2. *There is a DC-DC converter on board 🡪 need to look into whether we can use it*
   3. Additional questions/concerns