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