

- Agenda:
 - Design Review 1 ☰ Medicine Dispenser Design Review 1
 - Each of the subsystems
 - Housing
 - Network
 - Auxiliaries
 - Website
 - Sensing and Control
 - Components/connections
 - Expectations for demos
 - Questions
 - Schedule meeting for Design Review 2
 - Has to be beginning of the week right before spring break

Minutes:

- Housing: DC motor with driver board
- Network: don't need them to be in different rooms for demo
- Auxiliaries: demo the speakers I2S with the correct audio
 - Will show pre-recorded info
- Website: user interface is set, SQL database
 - Back end integration is block
 - Want to be able to safe user data,
- Test IR in typical lighting: normal incandescent lights don't affect it, make sure ambient conditions don't affect
- Internal programmer would be taken out if go to market, but include for now
- Will be get enough torque to turn conveyor belt, gearing could move more slowly
 - How know when to stop motor - using it as a function of time
 - If power goes off how to recalibrate - (if function of time) full reset
- One extra gpio which is universal direction signal to only run motor interested in
- PCB - connectors (motor isn't on board) what cable to plug into board,
 - Options in the cabinet, can get precrimpt for jst connectors, same as for display for C3 board last semest, molex type connectors, need pins and housing
 - Probably want at least 2mm spacing