

Team: Michelle Simmons, Jay Heiland, Aros Aziz

Date: 11-12-19

Overall project completion status: 55%

Outstanding issues and risks: Below

### === Individual Updates ===

Team Member: Jay Heiland

Tasks: Create a GUI application in Python for saving and loading synthesizer settings

Completion status: 80%, I have the documentation that I need to add the serial communication code to my app, aiming to have it ready for testing by Thursday, 11-14-19

Outstanding issues and risks: None

Team Member: Michelle Simmons

Tasks: Finish integrating the digipot, rotary encoder, Putty communication with VCO. Build second module, VCF & do the same integration. Finalize VCO Eagle schematic with Aros. Test full VCO system, from MIDI controller to speaker.

Completion status: Finished integration for VCO. Finished finalizing Eagle schematic with Aros. Decided on a VCF schematic--have not started breadboarding yet.

Outstanding issues and risks: I missing the right cable to connect the MIDI keyboard to our MIDI-to-CV module. I just received it today--will test full VCO system soon this week.

Team Member: Aros Aziz

Tasks: Design the schematic and PCB layout and order and ship. Need to finalize some things on the actual PCB before ordering it. Will have that done by Thursday.

Completion status: 80%

Outstanding issues and risks: possibility that the PCB won't work even if the schematic is correct due to technicalities with the PCB.