

WEEKLY STATUS REPORT

DATE: 4/17/2016 – 4/23/2016

What I did this week:

- Designed new graphical interface based on project changes
 - Created GUI using Microsoft Visual Studio. GUI will communicate with main program through series of text files.
 - Included two user input parameters: set wire feed speed and set accuracy (set as a MUST requirement)
 - Included three displayed parameters: wire feed speed, current temperature, and current setting (set as a SHOULD requirement)
 - Included two plots: wire feed speed vs time and temperature vs time (set as a MAY requirement)
 - Included two buttons: Update button that performs most of the functions and a Stop button that halts the machine
- Completed weekly status report

Any issues I encountered:

- None

What I will be working on next:

- Testing the GUI to ensure it works accordingly with the PLC and the machine operates as intended

Notes: None