

WEEKLY STATUS REPORT

DATE: 1/24/16 – 1/30/16

What I did this week:

- Worked on the following documents: project proposal, project schedule, project design specifications
- Updated the repository (added information from above, added meeting minutes, weekly status report tab)
- Completed weekly status report
- Visited Aram's on Thursday
 - Tested wire speed function – User inputs a specific wire speed value, code to multiply by 3.5 to access specific speed on welder. Stepper motor “homes” the switch by rotating the trigger to the “0” position and then proceeds to the indicated value.
 - Torch routine – Not necessary to implement the torch routine. We will use baseplates with thickness of .5 inch or less. At this thickness, we can set the current to the highest setting to achieve the same effect. If we use baseplates greater than .5 inch thick, we will need to torch the baseplate.

Any issues I encountered:

- While writing code for the wire speed function, the user would be asked to specify the wire speed value, the motor would proceed to home the welder, and should have moved to the desired wire speed level. However, the motor kept rotating in a clockwise manner and never terminated.

What I will be working on next:

- Complete the project design specification

Notes: