Electro Spinner Changes

# Safety

1. Allowed the door to open.
2. Fixed the Indicator lights to display the correct information.
3. Made sure that the door can only open if the machine is in a safe state.
4. Made the E-Stop button stop all machine functions and made it safe to open the door.
5. Made it impossible to open the door while the voltage is high.

# Functionality

1. Enabled the needle to bounce between two points at a fixed speed.
2. Created a way to monitor the x axis position.
3. Changed the manual needle positioning to work better.
4. Fixed indicator lights.
5. Allowed the lights to blink while E-Stop is on.
6. Made the machine able to find home.
7. Started on the centering functionality.

# Code

1. Commented the majority of the source code.
2. Cleaned up the code using good programming practices.
3. Made the code use a more functional approach.
4. Learned how to add custom tags that the UI can use.
5. Renamed many tags to make better sense.

# Display

1. Completely re-designed the UI to made more sense and to be able to house more functionality.
2. Unified the UI’s theme.
3. Allowed for screen swapping using buttons.
4. Cleaned up the tags.
5. Added new relevant buttons.
6. Added a monitor screen to view all of the values.