Peer Design Review

Peers: Team #2
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- Victor's group suggests that we should download a library from github to get the ATMega328p for our schematic instead of using a different model of ATMega.
    - They shared the SparkFun repo url that had all the needed schematic symbols
- They questioned about the power supply on our schematic. We clarified that the power supply is dependent on the system that would be using our braking system. That system must provide a 5V power supply.
- Their group was wondering about the MOSFET that we had on our schematic. This mosfet is used as a switch between the power supply and the car. It can stop the car even when the raspberry continues sending signals to the motors for them to drive forward. Therefore, we don't need to turn off the whole system in order to stop the car.
    - Gave suggestions on where to find exact 2N7000 schematic symbol
- We were suggested to create some header pins for the ultrasonic sensor on the schematic instead of having the whole sensor on it.
    - Real implementation won't have the sensors on board so it's best to model that with header pins and label where they'll go
- We still got some warnings and errors because we weren't totally done with the schematic and board designs. All of the errors were about having unconnected pins. All of the warnings were not having a specific value for some of the components.
    - These can be easily fixed.
- There were also some crossed wires on the board which we will need to tackle.
    - Proposed solution is using a through hole to bypass the cross-section on the opposing side