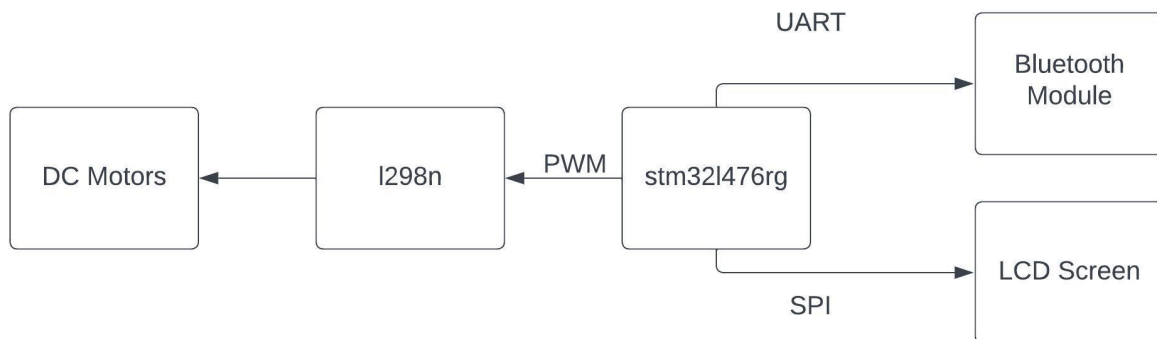Name: Jackson Newman

Overview: I want to use our processor to replicate the processors in cars, using dc motors, Bluetooth, and a screen displaying real-time information, like speed and time, and possibly movement controls. I will also be using the distance sensor for a form of automatic stop detection. I will use UART to communicate with Bluetooth and SPI to communicate with the LCD screen.

Block Diagram:

Parts:
L298n DC motor controller
HC-SR04 Ultrasonic Distance Sensor
HC-05 Bluetooth Module
ILI9341 TFT LCD

Website: https://sites.google.com/view/embedded-electric-vehicle