APT, Accident Prevention Technology is designed to promote safer driving practices. The problem we face today is that new drivers (6.5% of the population) account for nearly 20% of the drivers involved in car accidents. APT’s future purpose is to address this issue. It will address this issue by alerting drivers when they are traveling too closely to neighboring vehicles. It will document the car’s performance and disable certain features. APT will consist of different functions. The main functions include Measuring and Reporting. Additionally, APT will be testing and measuring within different parameters. The following parameters include, Distance from the front, Distance between lanes, and distance from the back. We will be using wireless sensors to cover the blind spots of the car. Consequently, we will be using Arduinos, and try to integrate the device into a bigger system that will account for sound, bluetooth, and display. We will be using more than one Arduino and integrate both systems together, so that one device will be able to receive instructions from the other device. One of the Arduino’s will be responsible for the screen while the other Arduino will be responsible for receiving and implementing the instructions. The software aspect for this project will include providing algorithms to connect the sensor, screen, speaker and bluetooth with the Arduino.