**REPORT**

**WIPER CONTROL SYSTEM**

1. Introduction

Abstract

\* In automobiles, particularly cars, autos and heavy vehicles, there are wipers.

\* Wipers are used to clean the windshield of the cars

\* To operate these wipers, motors are used. these motors are designed to operate in 90 degrees or 150 degrees, depending on the use.

\* I have not used 180 degrees here, because no wiper in real time rotates 180 degrees.

\* As STM32IDE is used, along with Qemu, we will show this operation using only 4 LEDs and a switch.

\* This is so because Qemu supports only those things.

\* We use single press and long press to denote ON/OFF and frequencies to denote various wiper operations.

2.Introduction

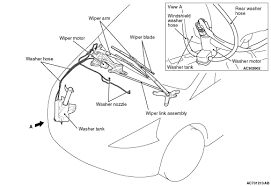
\* Wipers are a common feature in all automobiles now a days (except bikes).

\* Wipers are used to keep the windshield clear of anything that blocks the vision of the driver.

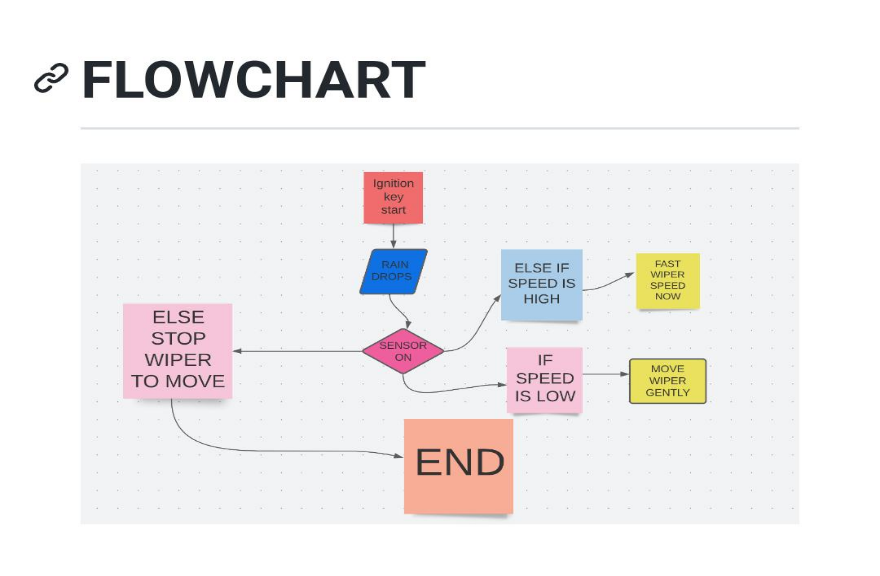
\* It can be rain, snow, sand, etc.



The image shown above is a wiper from a car.



1. Flowchart



1. Block Diagram

