## Requirements

## Installable

* GNU Toolchain
* STM Cube IDE

## Downloadable

* Xpack Packages
* Windows Build Tools
* Open OCD
* Qemu

## The W’s and H

## What

* It is the controlling of car wiper system using the STM32.

## Where

* This project is mainly used in Automobile industries.

## Why

* The main objective of this project is to control the wiper system by using the LED.

## HOW

* This project is implemented using Embedded C Program based on arm based microcontroller.

## HIGH LEVEL REQUIREMENTS:

## LOW LEVEL REQUIREMENTS

| **ID** | **Description** | **Status** |
| --- | --- | --- |
| LR\_1 | Button pressed once for two seconds - ON LED RED | Implemented |
| LR\_2 | Button pressed once again times - OFF LED RED | Implemented |
| LR\_3 | Button two time - ON BLUE,GREEN,ORANGE | Implemented |
| LR\_4 | Buuton pressed again for two seconds - OFF ORANGE,GREEN,BLUE | Implemented |