**Test Cases and Corresponding Output:-**

**High Level Test Case:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ID | Description | Exp.i/p | Exp.o/p | Actual o/p | Status |
| 1 | Check if the BUTTON is pressed | Program  Execution | Microcontroller/Engine starts | LED ON(RED) | PASS |
| 2 | Check if the BUTTON is pressed | Program Execution | WIPER Starts | LED ON(BLUE) | PASS |
| 3 | Check if the BUTTON is pressed | Program Execution | WIPER Starts | LED ON(GREEN) | PASS |
| 4 | Check if the BUTTON is pressed | Program Execution | WIPER Starts | LED ON(ORANGE) | PASS |
| 5 | Check if the BUTTON is pressed | - | Microcontroller/Engine stops | LED Turned OFF | PASS |

**Low Level Test Case:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test ID | Description | Exp.i/p | Exp.o/p | Actual o/p | STATUS |
| 1 | Check if the BUTTON is pressed | Program Execution | Microcontroller/Engine starts | LED ON(RED) | PASS |
| 2 | Check if the BUTTON is pressed again | Program Execution | WIPER starts and speed of wiper is slow | LED ON(BLUE) | PASS |
| 3 | Check is the BUTTON is pressed again | Program Execution | WIPER starts and speed of wiper is moderate | LED ON(GREEN) | PASS |
| 4 | Check if the BUTTON is pressed again | Program Execution | WIPER starts and speed of wiper is good | LED ON(ORANGE) | PASS |
| 5 | Check if the BUTTON is pressed again | - | Microcontroller/Engine stops | LED Turned OFF | PASS |