**Team B – Ekathra**

**TEST SUITE**

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| **Test Suite No.** | **Test-case** | **Environment** | **Expected Result** | **Final Result** |
| A | For T junctions it is important that the arrival rate of the car which should estimate the other cars speed and proceed accordingly with respect to the car which was ahead. | Complete project must be installed. |  |  |
|  | Testing is done when the more number of cars intersect at the T junction and system should respond accordingly such that the flow of the traffic was not disturbed. | Complete project must be installed. |  |  |
|  | For road with signals check that the signals synchronizes with the directions of the car which it is allowed and proper flow is maintained at the traffic. | Complete project must be installed. |  |  |
| B | Cars which are generated randomly should slow down with respect to the speed of the before car and take the direction in a random way | Complete project must be installed. |  |  |
|  | Drag the 4 way junction and populate two cars moving in the same direction with different speed’s and check whether their move in different directions using a random manner and stop at the signals. | Complete project must be installed. |  |  |
|  | Drag the 4 way junction and populate two cars moving in the opposite direction with same speeds and check whether their move in left directions using a random manner and stop at the signals. | Complete project must be installed. |  |  |
| **Test Suite No.** | **Test-case** | **Environment** | **Expected Result** | **Final Result** |
| **C** | Drag the 2 way junction and populate two cars moving in the same direction with different speed’s and check whether their move in different directions using a random manner and stop at the signals. | Complete project must be installed. |  |  |
|  | Drag the 2 way junction and populate two cars moving in the opposite direction with same speeds and check whether their move in left directions using a random manner and stop at the signals. | Complete project must be installed. |  |  |
|  | Drag a roundabout and populate two cars moving in the opposite direction with same speeds and check whether their move in left directions using a random manner and stop at the signals. | Complete project must be installed. |  |  |