Team B ­ Ekathra

ISSUES TRACKING

There are basically five kinds of road models in the traffic modelling system where the traffic in various models is to be considered and controlled according to certain traffic rules and limits.

In this project we have come across the below issues:

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| S. No. | MODULE | ISSUE | SOLUTION | STATUS |
| 1 | Input values | Have an issue for inputting the road percentage traffic values from the User | Worked some time and finally come up the solution and implemented the functionality | Resolved |
| 2 | Assigning directions to vehicles. | There was an issue in assigning the percentage of vehicles to move in which direction at the junctions. | Implemented an algorithm that automatically assigns the direction to the car | Resolved |
| 3 | Issue related to the traffic  Signals. | The placement of the traffic signals at appropriate road systems is also a challenge. | On the road itself, put one dot that automatically changes the light i.e. Red, yellow, green | Resolved |
| 4 | Team Communication | There is no proper communication among the team members regarding certain problems. There is no immediate solution for a problem. | We created a google document for any doubts so that people can get immediate answers. This idea we got in GDP 1 so we have reused the same idea. | Resolved |
| 5 | Car generation | How to generate the cars and how to accelerate and decelerate the cars. | Came up with 2 solutions for car generation and after implementing first we faced some problems while integrating the code with the road components, so we redesigned the complete “Car” module and then re-integrated the code. Now the issue has fixed and the cars are working smoothly on the road components | Resolved |
| 6 | Car generation | Generating car was an issue because we need to make decision would the car reside in JPanel or the JPanel would reside in the car. | Took help of different approach like draw feature and JPanel in car so that all the car variables can be used. | Resolved |
| 7 | Input values | Percentage distribution in the cars was a problem. How many number of cars would change go straight, right, left etc. | Came up with new solution that inputs the number of car would go in which direction. | Resolved |