Indian Road Simulator

By: Kaivalya Swami [2017CS10339]
Kartik Sharma [2017CS10342]

Press Space Bar to change signal

Car

auto

Car

Indian Road simulation : Signal
You can add vehicles by pressing 'c' for car ; 'b' for bike ; 't' for truck ; 'a' for auto
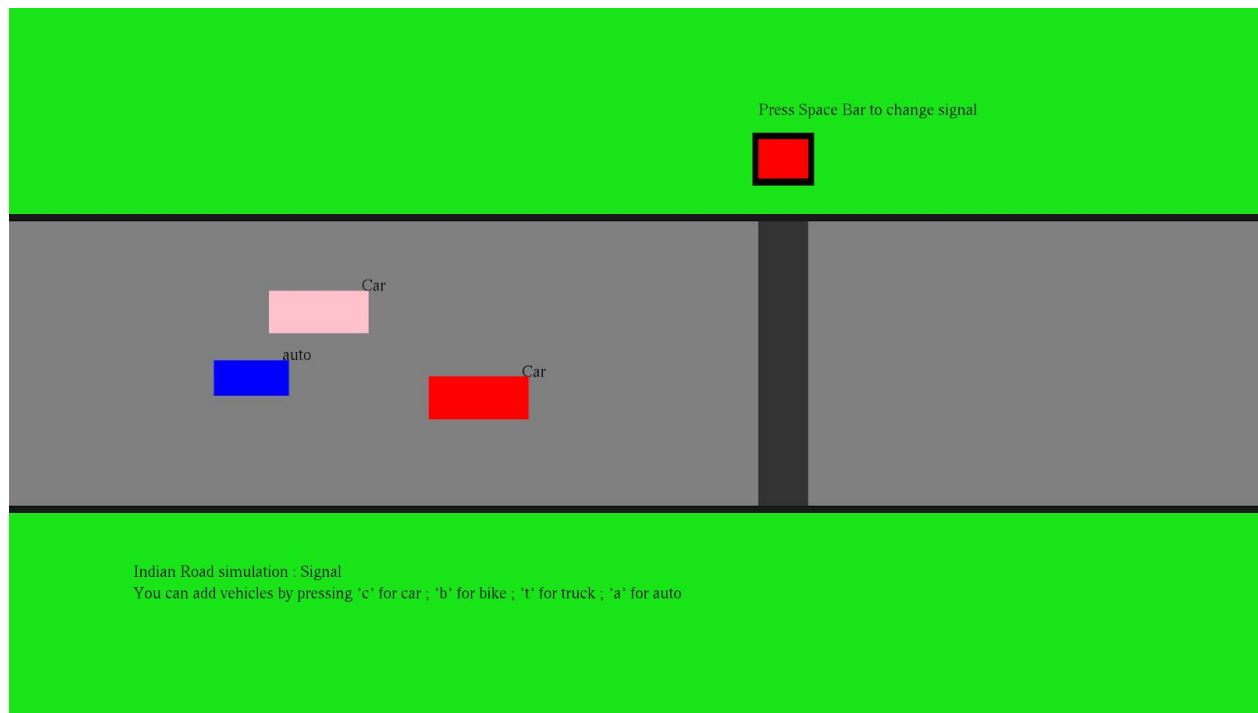
Features :

We have added the following features ,

- In the Default Config file: We have types **Car, auto, bike, Bus, Truck**
- **Bikes go in front !! and somewhat ahead of all on the signal.**
- We have added **Overtaking feature** (from left or right).
- Used **Multi threading for Dynamicity from config File** (1 OpenGL thread and Dynamic Config Parser thread
- We have also **handled accident**. In case of an accident, all vehicles stop to move and Accident alert text is shown.
- **Keyboard Input :** We have also added feature to **change the current signal status and add Cars from Keyboard .   GUI :)**

Video corresponding the Config file:

Here is the Drive folder for the simulation videos.

In the folder COP : **Sim1.mp4**

Click here for other videos