**Test case of Self-driven car**

By Sayeedur Rahman

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| Test Case ID | TV00SD1 |
| Title | Follow lead vehicle |
| Description | Ego follows lead vehicle that is going **X** speed |
| **Scenario** | Lead vehicle drives ahead of Ego. |
| Expected Output | Ego follows lead vehicle while maintaining minimum following distance and never exceeds speed limit. |
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| Test Case ID | TV00SD2 |
| Title | Car same direction |
| Description | Ego approaches car traveling in the same direction |
| **Scenario** | Ego approaches a car traveling in the same lane. |
| Expected Output | Ego reduces speed and maintains a following distance. |
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| Test Case ID | TV00SD3 |
| Title | Stationary vehicle with oncoming vehicle |
| Description | Ego approaches vehicle blocking lane of travel with oncoming vehicle. |
| **Scenario** | Ego approaches a stationary vehicle blocking the lane of travel on the right side of the road. There is an oncoming vehicle in the opposing lane.  Oncoming vehicle passes Ego. |
| Expected Output | Ego comes to a stop  Ego passes stationary vehicle. |
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| Test Case ID | TV00SD4 |
| Title | Cul-de-sac |
| Description | Ego approaches cul-de-sac |
| **Scenario** | Ego approaches a cul-de-sac. |
| Expected Output | Ego reduces speed by 20 percent, enters the cul-de-sac from the right-hand portion of the road, and proceeds counter clockwise. |
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