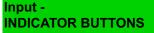
SELF-BALANCING EV

Self balancig vehicle Light Indication System

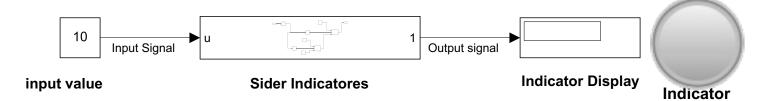
Version 2

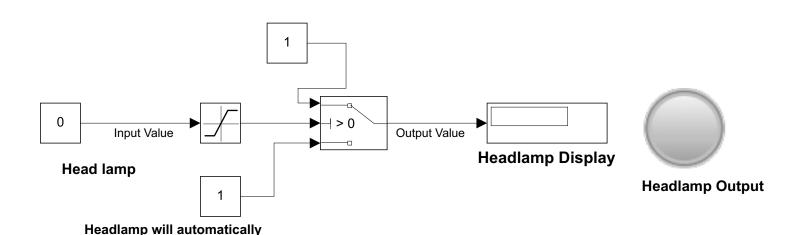


Enter 10 - For Right Indicator Button Enter 20 - For Left Lamp

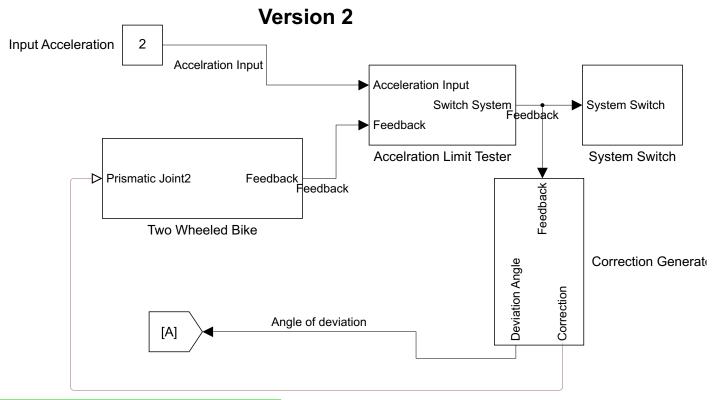
on

turned on when vehical will turne





Self-Balancing System



Requirements:

1 Self - Balancing system should get activated when the speed is low

2 Self - balancing system should balance the motorcycle

3 Self - balancing system should get deactivated when the speed is high

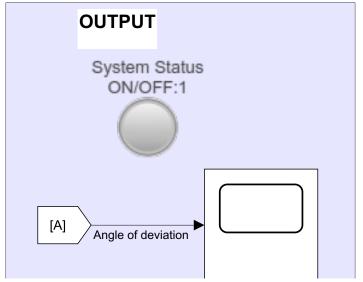
Input:

Acceleration

Angular Deviation

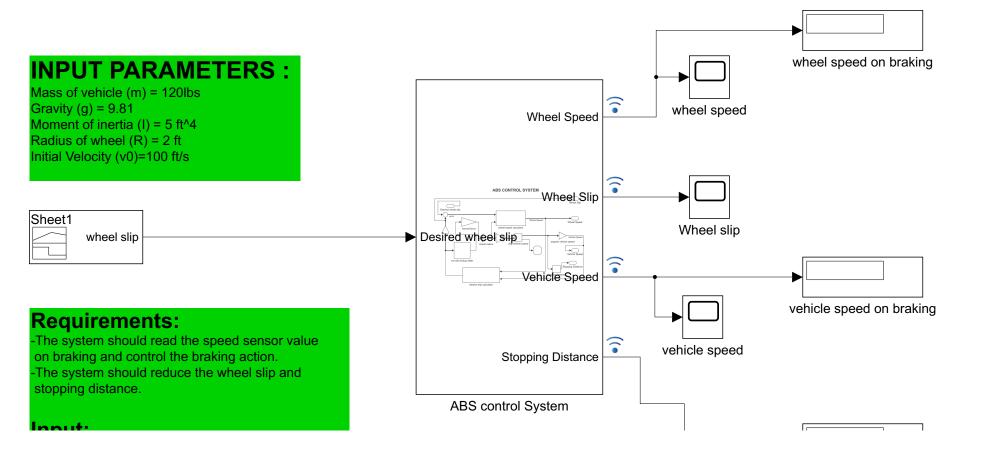
Output:

1 System ON/OFF notification using lamp



ANTI-LOCK BRAKING SYSTEM

Version 2

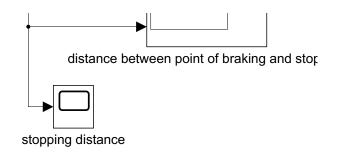


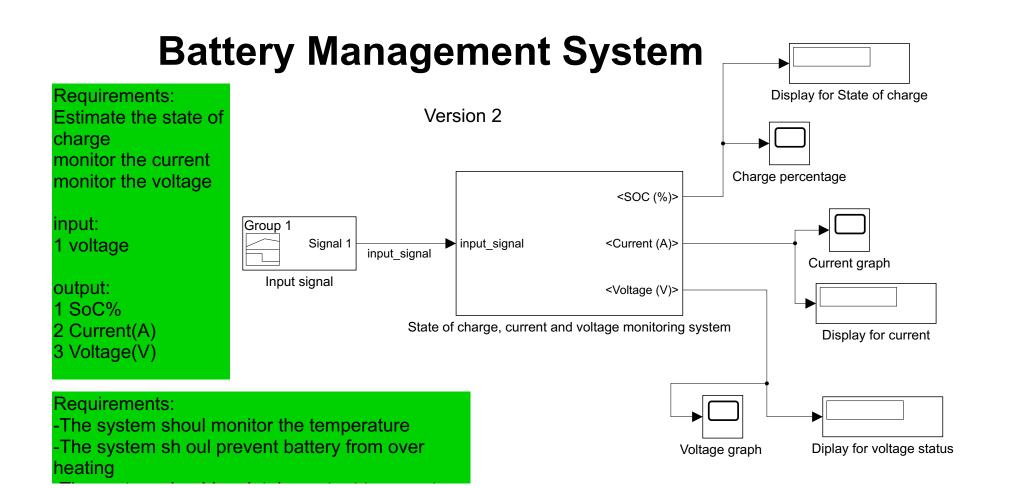
ութսւ.

-Desired wheel slip (0.1 to 0.55) from signal builder

Output:

- -Wheel speed on braking (Graphical output)
- -Vehicle speed on braking (Graphical output)
- -Distance between point of braking and stopping (Graphical output)



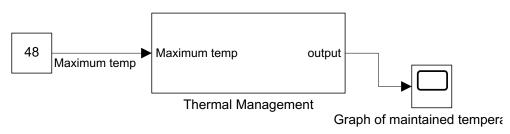




-The system should maintain contant temperature if increases

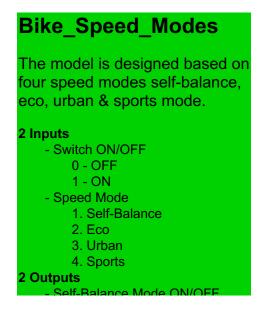
Input:
-Temperature from sensor

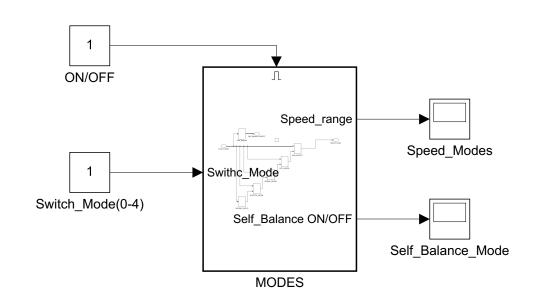
Output:
-Constant temperature(48)



Speed Modes Control

Version 2

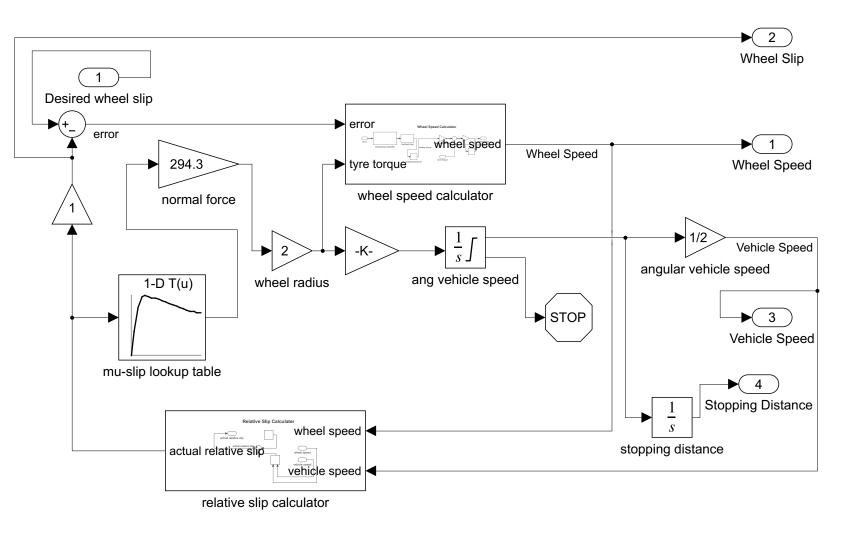




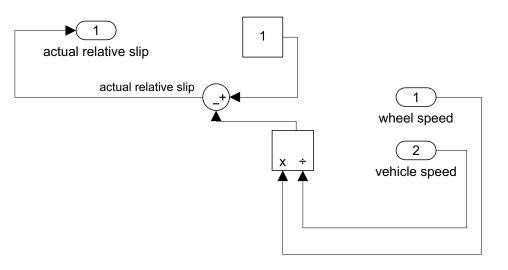


- Speed Range

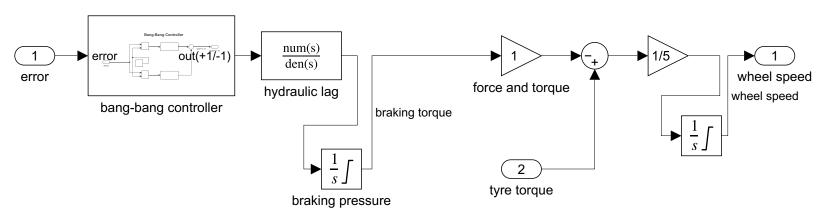
ABS CONTROL SYSTEM



Relative Slip Calculater



Wheel Speed Calculator



Bang-Bang Controller

