

PCAS3 INVARIANTS

- The brakes will always work
- The vehicle will not exceed 10 mph if an obstacle is detected within 10 ft in front of the car
- The alert system in the vehicle should go off when the sensors are triggered
- The hardware should always be working: camera, sensors, AEB, ABS
- The system will never suffer from cyber attacks
- The system can be deactivated manually at any moment
- The system will never attempt to steer the vehicle
- The system should always apply brakes in a way to not cause injury to the driver.