



Use_Case_Diagram Requirements Spec2

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1. go

As a driver and pedestrian I want the light to tell me when to go.

Primary Actors	 Driver,  Pedestrian
Level	User
Complexity	Medium
Use Case Status	Complete
Implementation Status	N/A
Preconditions	The traffic light must have a set of defined colors. The traffic light must be valid and exists.
Post-conditions	N/A
Assumptions	N/A



2. emergency

As an emergency service I want the lights to have an emergency service so that I can get to my destination quickly.

Primary Actors	 Driver,  Emergency
Level	User
Complexity	Medium
Use Case Status	Complete
Implementation Status	Partially Complete
Preconditions	The traffic light must be valid and exists. The traffic light must have a defined emergency Behaviour.
Post-conditions	N/A
Assumptions	N/A



3. nightmode

As a driver and pedestrian I want the traffic light to have a nightmode.

Primary Actors	 Driver,  Pedestrian
Level	Summary
Complexity	Low
Use Case Status	Complete
Implementation Status	Partially Complete
Preconditions	The traffic light must be valid and exists.
Post-conditions	N/A
Assumptions	The traffic light is now in the nightmode and shows an alert light that signals the driver or pedestrian to cross with attention.

4. stop

As a driver or pedestrian I want the light to tell me when to stop.

Primary Actors	 Driver,  Pedestrian
Level	User
Complexity	Medium
Use Case Status	Complete
Implementation Status	Partially Complete
Preconditions	The traffic light must have defined colors. The traffic light must be valid and exists.
Post-conditions	N/A
Assumptions	The light shows now red.