

Table 1:High level Requirements

Label	Requirement
H_01	To sense the threshold distance before collision
H_02	To alert the driver by producing a buzzer sound
H_03	To watch the camera footage by the driver without delay

Table 2:Low Level Requirements

Label	Requirement
H_01_L_01	Camera able to withstand climatic condition include mist, smoke
H_01_L_02	Camera should have good wide angle coverage
H_01_L_03	Camera start only when the reverse gear is engaged
H_01_L_04	Battery level above the threshold then the feature works
H_01_L_05	Ultrasonic sensor should work even if camera malfunctions
H_02_L_01	Camera settings should be stable