# Ideation Phase Empathize & Discover

Date	25 OCTOBER 2022
Team ID	PNT2022TMID47627
Project Name	AI Based Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

**Empathy Map Canvas:** 

#### II. Emergence of Autonomous Vehicles with Existing Reviews

Emergence of Autonomous Vehicles

## VIII. Research Opportunities for Future in Autonomous Intelligent Vehicles

a. Implementation of Computer Vision in Autonomous Intelligent Vehicles

b. Implementation of Machine and Deep Learning Techniques in

Autonomous Intelligent Vehicles c. Sensors,

Communications, and Control in Autonomous Intelligent Vehicles

- d. Decision Making for Autonomous Intelligent Vehicles
- e. Real-World Tests of Autonomous Intelligent Vehicles

### III. Motivation

IV. Autonomous Intelligent Vehicles: Objectives, Types, Classification and Importance

- a. Objectives of Autonomous Vehicles
  - b. Classification of Autonomous Vehicles

Autonomous Intelligent Vehicles (AIV): Research Statements, Open Issues, Challenges and Road for

Future

V. Design and Implementation of Autonomous Intelligent Vehicles

Comparison of Different Traffic Simulators

## VII. Autonomous Intelligent Vehicles: Open Issues, Critical Challenges

- a. Challenges in Computer Vison for Autonomous Intelligent Vehicles (AIV)
- b. Autonomous Intelligent Vehicle for Real World Deployment Barriers
  - c. Technological Challenges

VI. Major Benefits of Autonomous Intelligent Vehicles