

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID43198
Project Name	project-Machine learning based vehicle performance analyzer
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Machine learning based on vehicle performance analyzer
2.	Idea / Solution description	Siemens offers solutions to optimize safety and performance linked to ADAS by validating resulting behavior when integrating active and passive safety systems.
3.	Novelty / Uniqueness	Vehicle number plate recognition (VNPR) system is a digital image processing techniques which broadly used in vehicle transportation system to identify the vehicle.
4.	Social Impact / Customer Satisfaction	improve customer satisfaction is about sustained customer in term of speed services and need provide the technical service in fast manner The speed is about the timing, responsiveness and customer waiting been addressed in the complaining and the service encounter literature.
5.	Business Model (Revenue Model)	The Vehicle Performance Model is the most advanced model we build ourselves to continuously optimise the efficiency of our upcoming Lightyear One car. In this video, you see Vehicle Performance Engineer Wouter Jansen explaining the model and what makes it distinctive.
6.	Scalability of the Solution	This provides authenticity and integrity to the signals. But the use of Blockchain Platforms such as Ethereum has various drawbacks like scalability which makes it infeasible for connected car system. Here, we propose a solution to address various drawbacks of VANET such as privacy issues and, security using a more scalable decentralized platform called IOTA incorporated with a Public Key Infrastructure.