Project Design Phase-I
Solution Architecture

Team ID	PNT2022TMID23164
Project Name	Signs with Smart Connectivity for Better road safety
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders
- Define features, development phases, and solution requirements
- Provide specifications according to which the solution is defined, managed, and delivered

Solution Architecture Diagram:

Users

Mobile /Web Application

Store values

Database

Cloud

Data

Wireless Communication (Li-Fi,WiMax,3G/4G)

Model /Type of vehicle

Exchange data

Updated Output

Update

Real Traffic

Input

Wireless Sensors (RFID,GPS,Microwave radar etc.)

Output

Plate No.

Smart Transportation Applications

Route Choice

Traffic Congestion

Smart parking System

Anti-Theft System

Fire Alert