

## Project Design Phase-I Solution Architecture

Date	Feb 2026
Team ID	LTVIP2026TMIDS47701
Project Name	Virtualization tool for electric vehicle charge & range analysis
Maximum Marks	4 Marks

### Solution Architecture:

The proposed solution uses a cloud-based, voice-enabled architecture on AWS to collect, process, store, and analyze patient voice responses securely and efficiently. The architecture integrates multiple AWS services to ensure scalability, security, and reliability.

### Objectives of the Solution Architecture

- To provide an efficient and scalable architecture for EV charge and range analysis
- To ensure smooth data flow from input to visualization
- To support accurate analysis and decision-making for EV users

### Solution Architecture Diagram:

