**Project Design Phase-I**

**Solution Architecture**

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| --- | --- |
| Date | 27September 2022 |
| Team ID | PNT2022TMID47661 |
| 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.

**Example - Solution Architecture Diagram:**

The change control changes are applied to signboard

On the app based on the sutiation

\SIGNBOARD

WEB APP

ROAD CONTROL OFFICE

*Cloud services*

IOT device+

Python code

+

IBM waston platform+

Node-red

**SOLUTION**

**ARCHITECTURE,**

**TITLE:sign with smart connectivity for better road safety**

**T**

WEB APP

DRIVERS

Figure 1: Architecture and data flow of the voice patient diary sample application

**Reference:** [**https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/**](https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/)