

## Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID51648
Project Name	Smart Solutions for Railways
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, behaviour, 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:

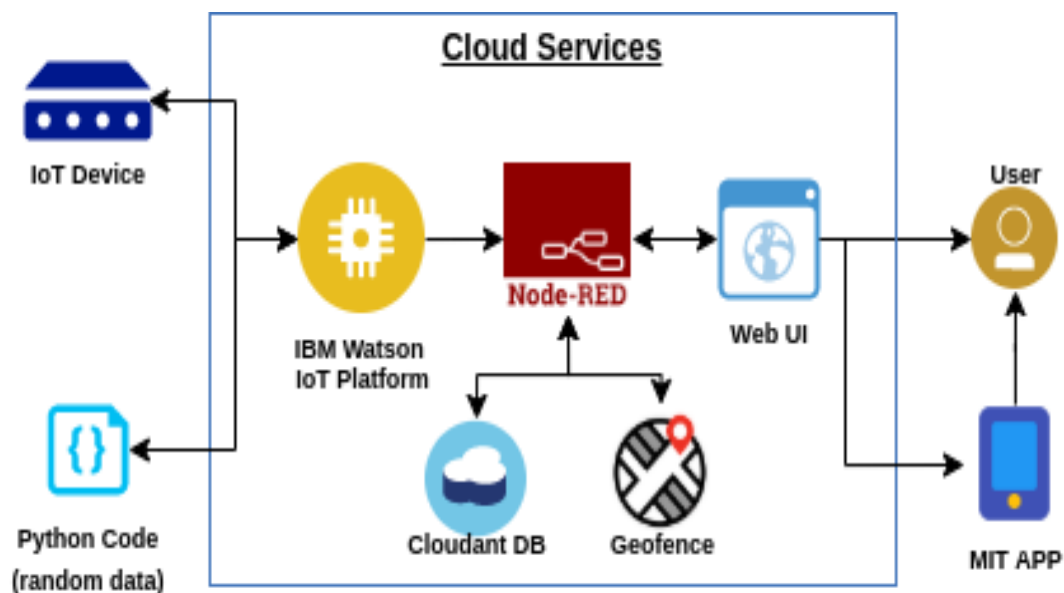


Figure 1: Architecture and data flow of the ticket booking using python code and using python code the message is send to the IBM Watson IOT Platform and then to Node-RED the cloudant DB stores the passenger's details using web UI the passengers information was collected.