**Project Design Phase-I**

**Solution Architecture**

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| Date | 07 October 2022 |
| Team ID | PNT2022TMID42281  **Explore AS, differentiate**  **Deﬁne CS, ﬁt into CC** |
| Project Name | Smart solution for railways |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

Solution architecture is the process of developing solutions based on predefined processes, guidelines and best practices with the objective that the developed solution fits within the enterprise architecture. Its goals are:

* Find the smartest solution to solve existing problems in railways.
* Describe the structure, characteristics, behaviour, and other aspects of the project.
* To consider all external factors that could have an impact on the development process.

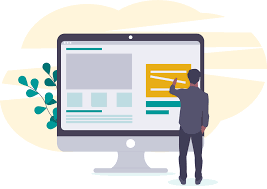
**Solution Architecture Diagram:**

Train ticket checker Passenger Web developer Cloud service

 Python code iot decive

4.Verify QR code

2.Book ticket

**** IBM WATSON IOT PLATFORM

5.E catering service

3.Generate QR code

1.Create webapp

User interface

6.Indication through wakeup call

7.Location tracking