SOLUTION ARCHITECTURE

|  |  |
| --- | --- |
| DATE | 18 OCTOBER 2022 |
| TEAM ID | PNT2022TMID33276 |
| PROJECT NAME | MACHINE LEARNING BASED PREDICTIVE ANALYSIS FOR AIRCRAFT ENGINE |
| 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.

Engine failure is highly risky and needs a lot of time for repair. Unexpected failure leads to loss of money and time. Predicting the failure prior will save time, effort, money and sometimes even lives. The failure can be detected by installing the sensors and keeping a track of the values. The failure detection and predictive maintenance can be for any device, out of which we will be dealing with the engine failure for a threshold number of days.

