PROJECT DESIGN PHASE -II

TECHNOLOGY ARCHITECTURE

DATE	14 OCTOBER 2022
TEAM ID	PNT2022TMID46908
PROJECT NAME	Airlines Data Analytics For Avaition Industry
MARKS	04 marks

Technilogy Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1& table 2
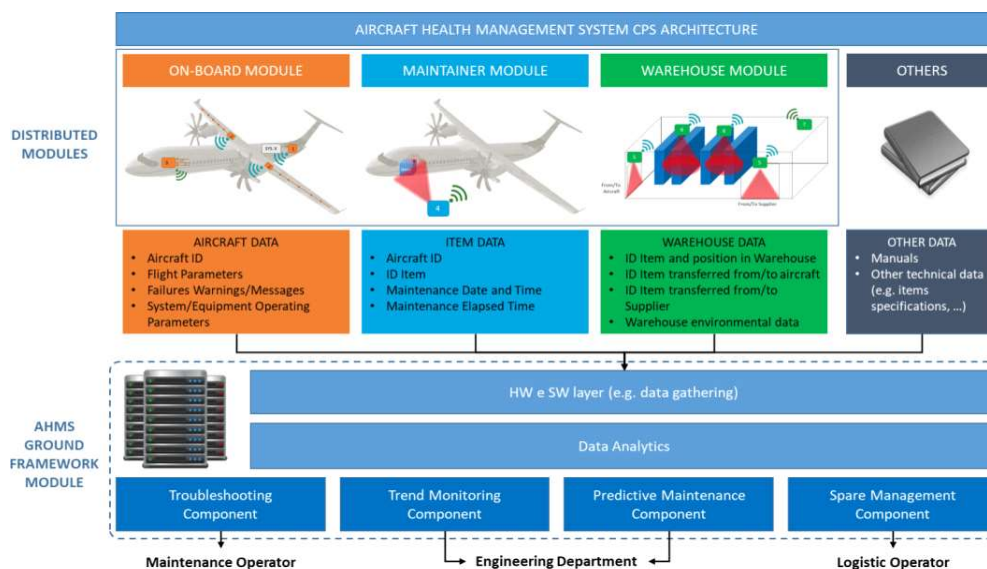

Table-1 : Components & Technologies:

S.No	Component	Description
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.
2.	Application Logic-1	Logic for a process in the application
3.	Application Logic-2	Logic for a process in the application
4.	Database	Data Type, Configurations etc.
5.	Cloud Database	Database Service on Cloud
6.	File Storage	File storage requirements
7.	External API-1	Purpose of External API used in the application
8.	External API-1	Purpose of External API used in the application
9.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :

Table-2: Application Characteristics:

S.No	Characteristics	Description
1.	Open-Source Frameworks	List the open-source frameworks used
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.

| 3. | Scalable Architecture | Justify the scalability of architecture (3 – tier, Micro-services) |
| 4. | Availability | Justify the availability of application (e.g. use of load balancers, distributed servers etc.) |