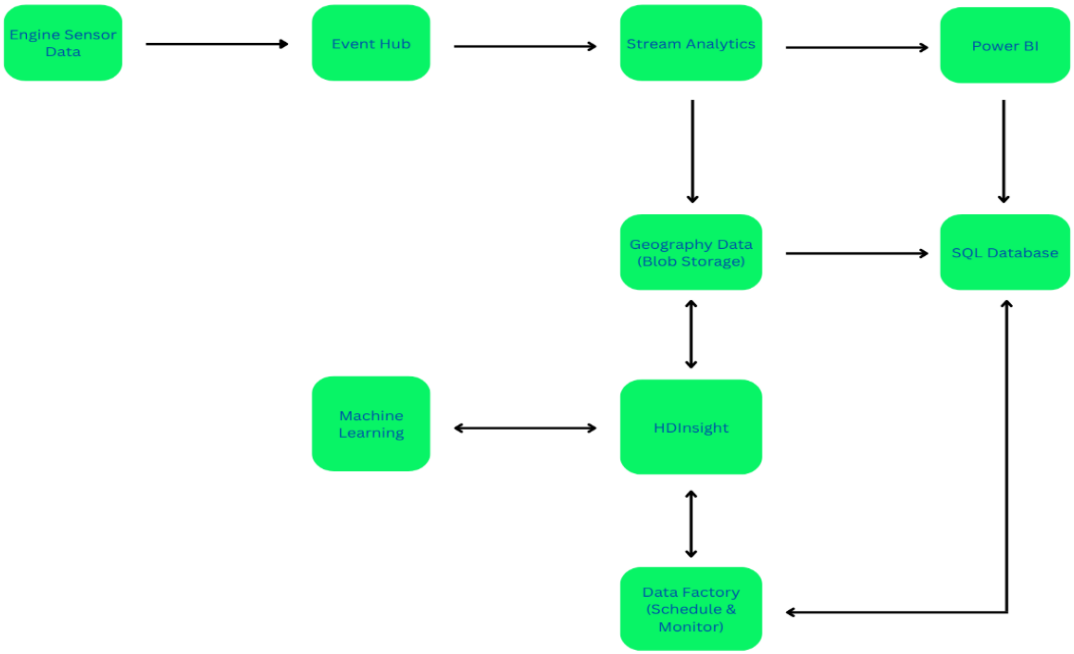
Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 October 2022
Team ID	PNT2022TMID30287
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine.
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard.	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application.	I can receive confirmation email & click confirm.	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook, Instagram, other social Media.	I can register & access the dashboard with Facebook/Instagram Login.	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail.	I can register and accessthe dashboard.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password.	I can access the dashboard.	High	Sprint-1
	Dashboard	USN-6	As a user, I can navigate through different pages using the dashboard.	I can access various parts.	High	Sprint-1
	Search	USN-7	As a user, I can search for flights for different locations with proper engine condition.	I can receive information on different aircraft for various locations.	High	Sprint-2
	View	USN-8	As a user, I can view the details of aircraft engine.	I will get the information for the customer verification.	High	Sprint-2
	Receive Notifications	USN-9	As a user, I will receive notifications about the malfunction in aircraft engine.	I will get frequent updates of the aircraft.	Medium	Sprint-3
	Track	USN-10	As a user, I can track the location of the aircraft.	I can track my aircraft.	Medium	Sprint-3,4
Administrator	GPS	USN-11	As an admin, I will need the location of aircraft.	I can track my aircraft.	High	Sprint-3,4
	Analyze	USN-12	As an admin, I will analyze the given dataset	I can analyze the dataset.	High	Sprint-2
	Predict	USN-13	As an admin, I will predict the aircraft engine failure.	I can predict the Aircraft engine condition.	High	Sprint-2