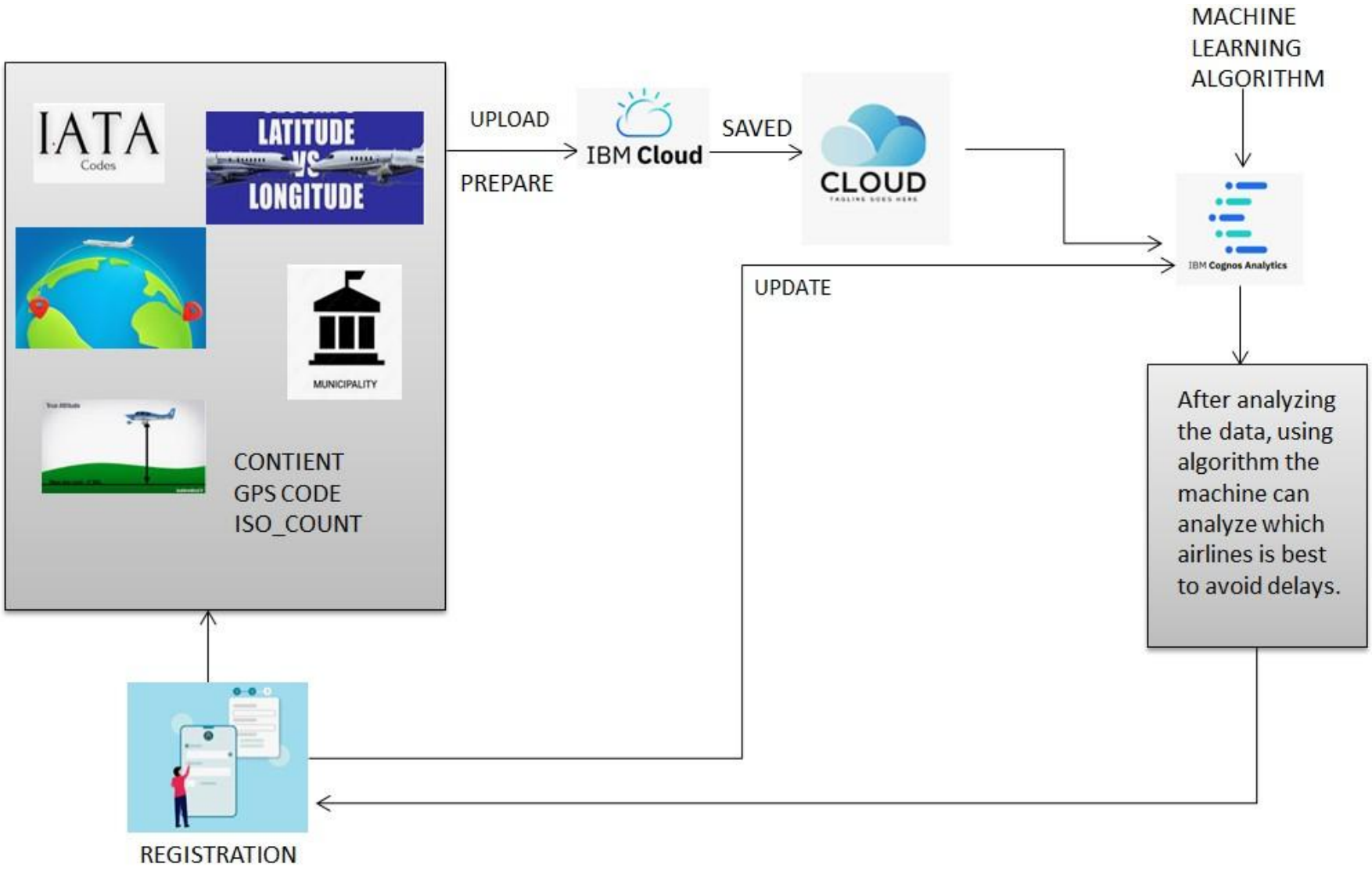
PROJECT DESIGN PHASE-II
DATA FLOW DIAGRAM & USER STORIES

Date	**31-OCTOBER-22**
Team ID	**PNT2022TMID47723**
Project Name	**AIRLINE DATA ANALYTICS FOR AVIATION INDUSTRY**
Maximum Marks	**4 Marks**

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.


MACHINE
LEARNING
ALGORITHM
IATA
Codes
LATITUDE
VS
LONGITUDE
MUNICIPALITY
CONTIENT
GPS CODE
ISO_COUNT
UPLOAD
PREPARE
IBM Cloud
SAVED
CLOUD
IBM Cognos Analytics
UPDATE
After analyzing the data, using algorithm the machine can analyze which airlines is best to avoid delays.
REGISTRATION

User Stories

Use the below template to list all the user stories for the product.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	SHIYAMGANESH M
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	MOHAMED FARHAN S
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	Low	MOHAMED MUSHARAF M
Sprint-1	Accessing the dataset	USN-4	I can access the dataset and choose the different types of exploration can be done is analyzed as a user.	5	Medium	MOHAMED SAKKEEL R
Sprint-2	Exploration	USN-5	I can explore the given dataset through IBM Cognos Analytics with Watson	6	High	MOHAMED FARHAN S
Sprint-2	Visualization	USN-6	I will use Cognos as a visualization tool for the provided dataset into a dashboard	6	High	SHIYAMGANESH M
Sprint-3	Dashboard	USN-7	I can create the dashboard that is visualized as a user	6	High	MOHAMED SAKKEEL R
Sprint-3	Ease of Access	USN-8	I can simply access and use the dashboard as a user	5	Medium	MOHAMED MUSHARAF M
Sprint-4	Generation of Report	USN-9	I can generate the report with the help of my visualization	6	High	MOHAMED SAKKEEL R
Sprint-4	Dashboard Establishment	USN-10	As a developer I can Established the dashboard into a website and submit the website	6	High	SHIYAMGANESH M