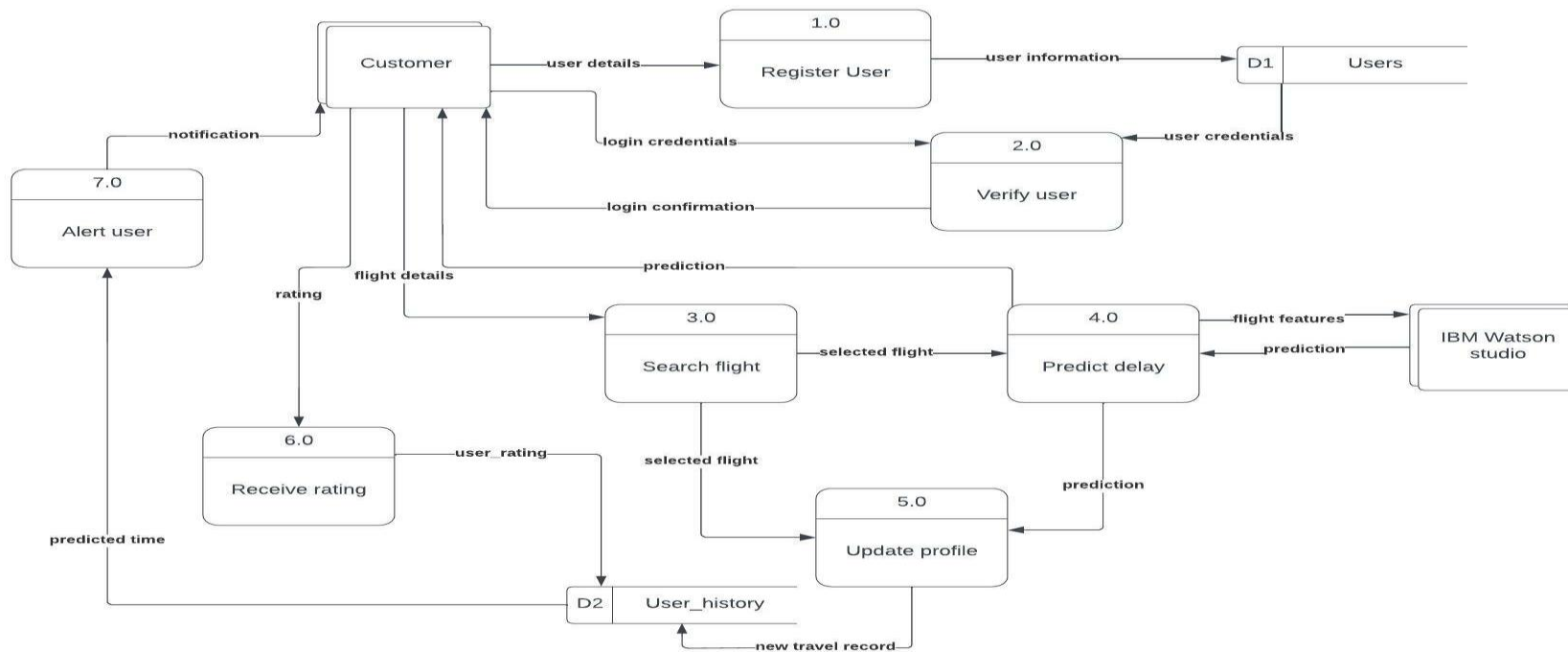


Project Design Phase-II Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TID10226
Project Name	Developing a flight delay prediction model using Machine learning
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	User Signup	USN-1	As a user, I can register for the application by entering my email, password and other details	I can access my account/dashboard	High	Sprint-1
Customer	Signup through Google	USN-2	As a user, I can use signup through Google and exempt from typing other information	I can access my account/dashboard	Low	Sprint-3
Customer	User Confirmation	USN-3	As a user, I will receive a confirmation email once I have registered for the application	I can receive a confirmation email & click confirm	Medium	Sprint-2
Customer	User Login	USN-4	As a user, I can log in to the application using my username and password	I can log in successfully and see my dashboard	High	Sprint-1
Customer	User login through Gmail	USN-5	As a user, I can log in to this application without have to remember the username and password	I can log in successfully and see my dashboard	Low	Sprint-3
Customer	Search Flight	USN-6	As a user, I can search for the flight whose delay I am interested of even if I don't know the flight's complete details.	I can get a list of possible flights out of which one is my intended flight	High	Sprint-1
Customer	Predict Delay Time	USN-7	As a user, I can click 'Predict delay' to get the predicted delay time after entering flight details	An estimated time of delay is displayed	High	Sprint-2
Customer	Predict Delay Accuracy	USN-8	As a user, I can see how reliable and accurate the prediction is.	The accuracy of the predicted delay is displayed	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Notify the user	USN-9	As a user, I want to get reminded of my flight's delayed arrival/departure so that I can get prepared	A notification email is received in my inbox	Low	Sprint-3
Customer	Get feedback	USN-10	As a co-user, I want to help other users about the application through my ratings	I am able to rate the application out of 5 and submit a descriptive feedback	Low	Sprint-3
Customer	User Logout	USN-11	As a user, I donot want to stay logged in for long	I am able to successfully log out of the application	Medium	Sprint-2