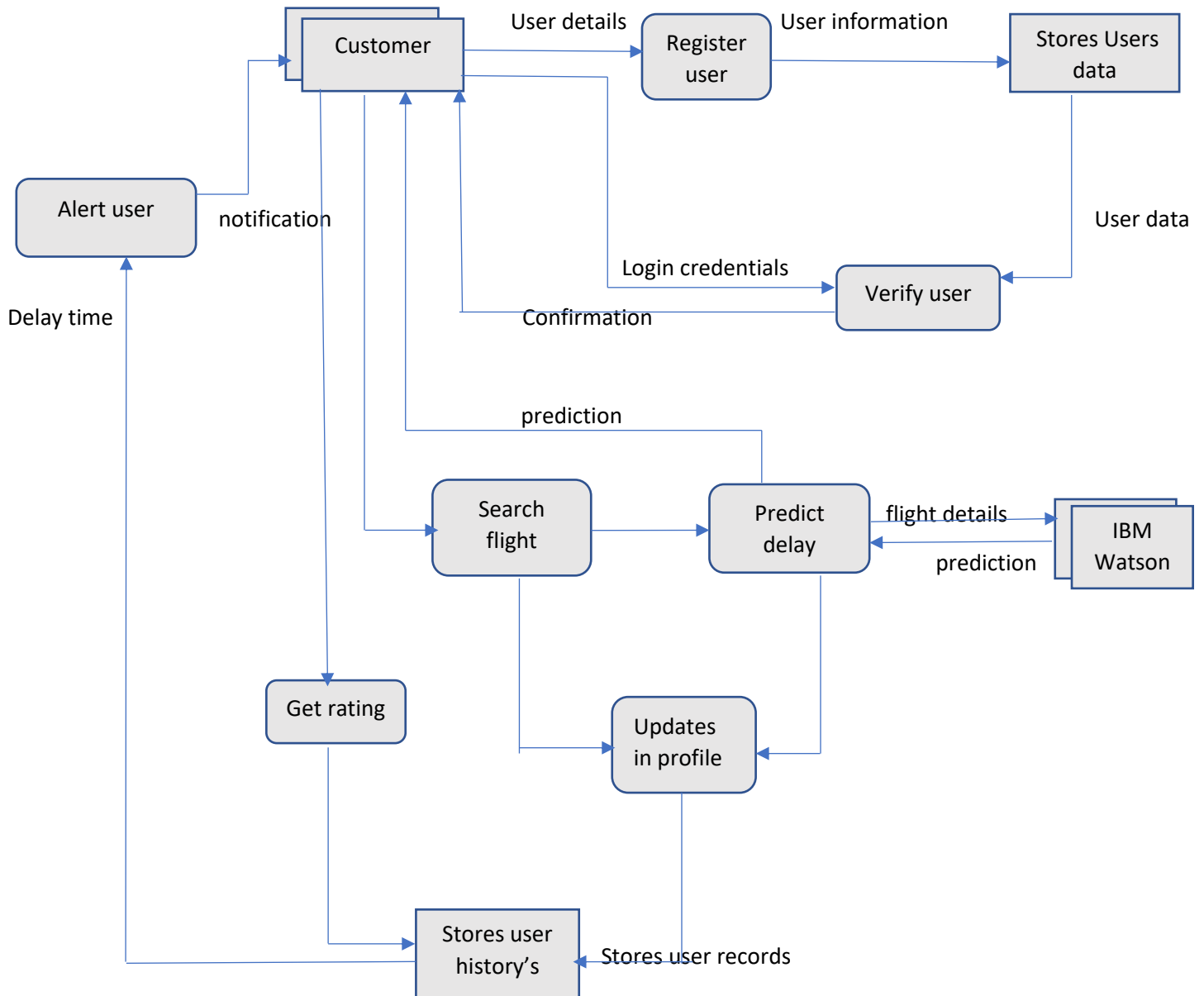


## Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID43039
Project Name	Developing a flight delay prediction using machine learning.
Maximum Marks	4 Marks

### Data Flow Diagrams



## User Stories

User type	Functional requirement	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 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 conformation 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 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 complete details.	I can get a list of possible flight 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 detail	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
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	low	Sprint-3
customer	User logout	USN-11	As a user, I do not want to say logged in for long		medium	Sprint-2