Developing Fight Delay Prediction Model using Machine Learning

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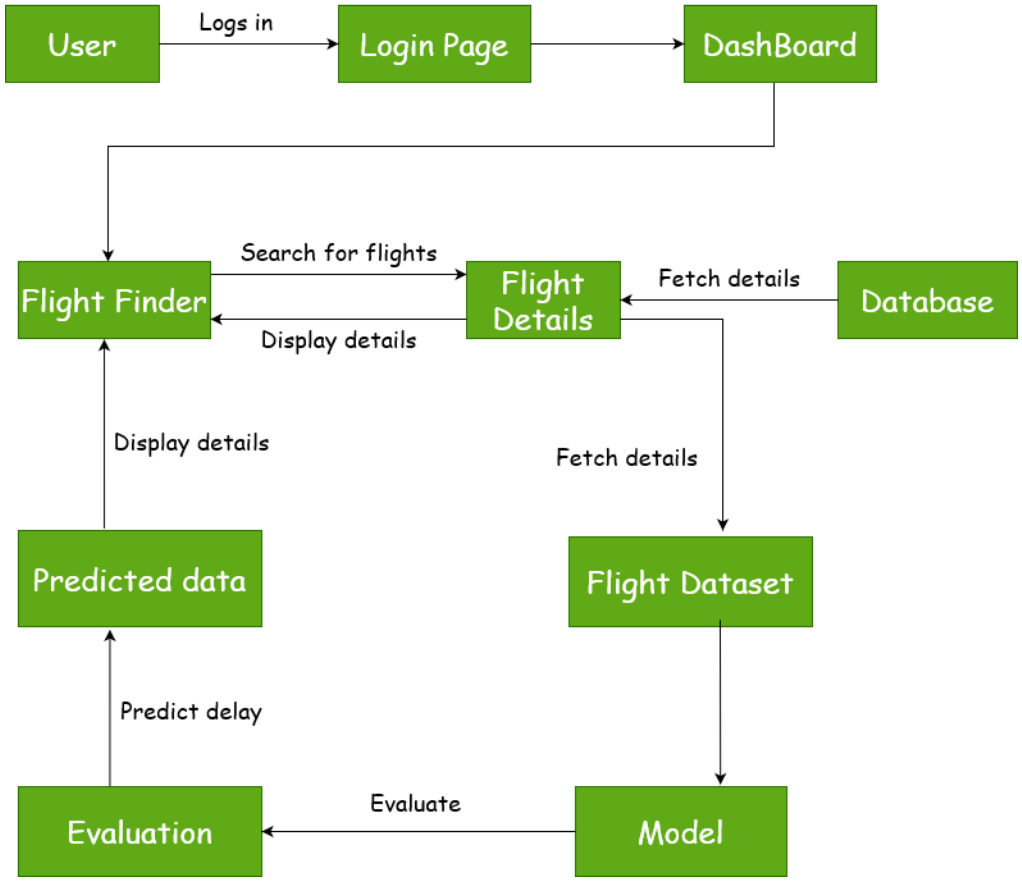
Data Flow Diagram & User Stories



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 access the 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 pages	High	Sprint-1
	Search	USN-7	As a user, I can search for flights for different locations	I can receive information	High	Sprint-2

				on different flights for various locations		
	View	USN-8	As a user, I can view the details of flights	I will get the information such as flight no, departure and arrival time, etc.,	High	Sprint-2
	Receive notifications	USN-9	As a user, I will receive notifications about the flight	I will get frequent updates of the flight's location	Low	Sprint-3
	Track	USN-10	As a user, I can track the location of my flight	I can track my flight	Medium	Sprint-3,4
Admin	GPS	USN-11	As an admin, I will need the location of flights	I can track my flight	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 delays	I can predict the flight delays	High	Sprint-2