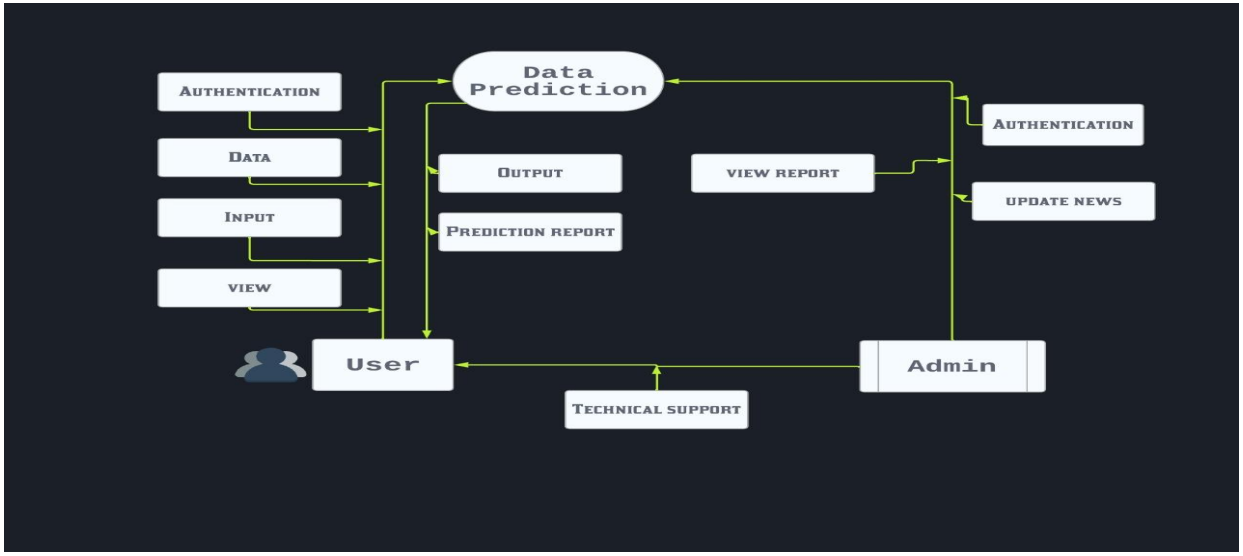
Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID28033
Project Name	Exploratory Analysis of Rainfall Data in India for Agriculture
Maximum Marks	4 Marks

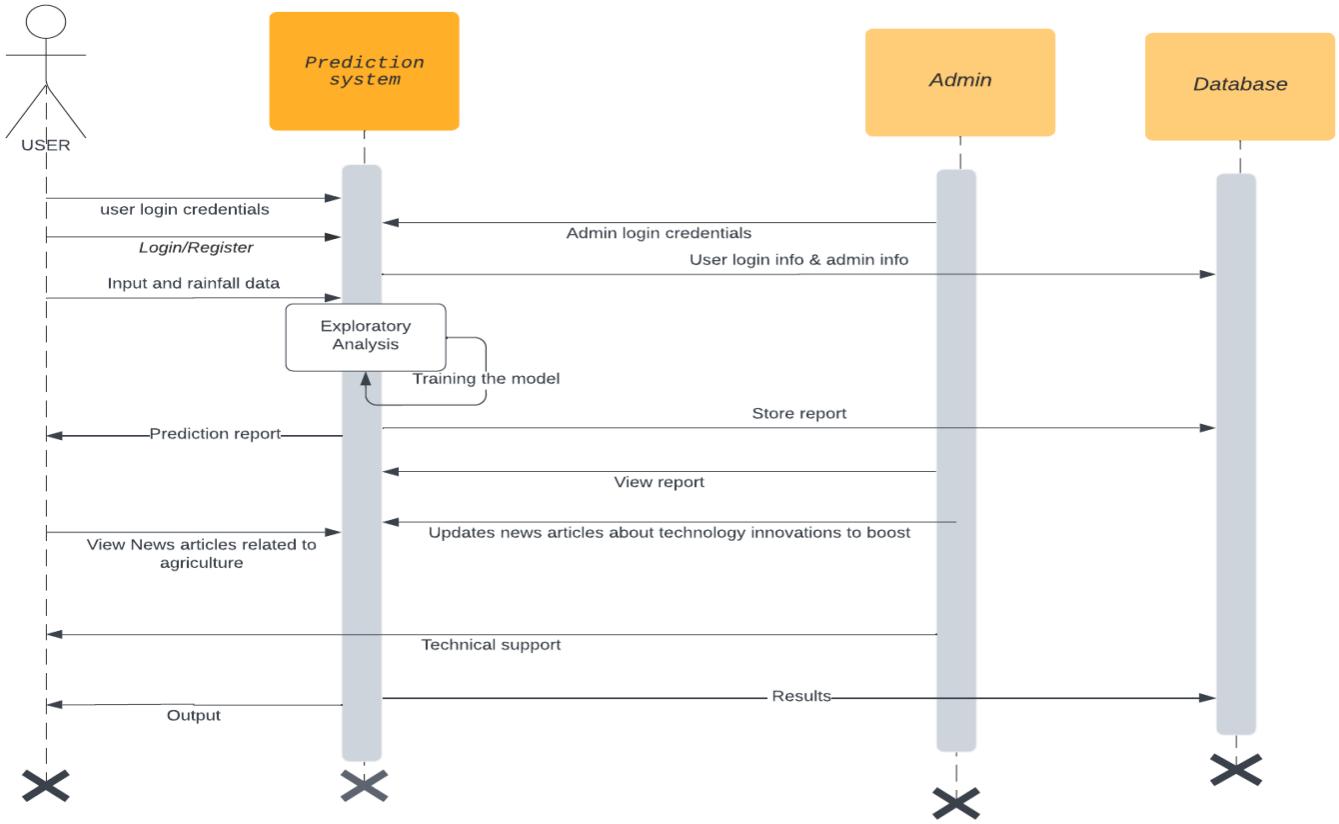
Data Flow Diagrams:

A Data Flow Diagram 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.

Context Diagram:



Data Flow Diagram:



User Stories:

User Type	Functional Requirements nt (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
Customer(web user)	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Sprint-2
Customer(web user)	Login	USN-3	As a user, I can log into the application by entering email & password	I can access the system	High	Sprint-1
Customer(web user)	Dashboard	USN-4	As a user, I can view the details about the system and can navigate through the pages.	I can navigate through pages	High	Sprint-3
Customer(web user)	Prediction	USN-5	As a user, I can enter the rainfall amount and get the prediction results	I can get the prediction result	High	Sprint-4
Customer(web user)	News	USN-6	As a user, I can view latest news articles related to agriculture	I can view the articles	Medium	Sprint-3
Customer Care Executive	Contact	USN-7	As a user, I can ask queries regarding the system	I can clarify my doubts	High	Sprint-3
Customer Care Executive	Chat bot	USN-8	As a user, I can interact with chatbot to ask queries	I can get my queries clear instantly	Low	Sprint-4
Admin	Login	USN-9	As a user, I can register for the application by entering my email, password, and confirming my password.	I can view and update the system	High	Sprint-1
Web user	Prediction	USN-10	As a user, I can see the prediction result from the model trained by the system administrator	I can train the prediction model	High	Sprint-3