Project Design Phase-II

Data Flow Diagram & User Stories

Date	21 October 2023
Team ID	
Project Name	Predicting lumpy skin disease
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.

Data Flow Diagram
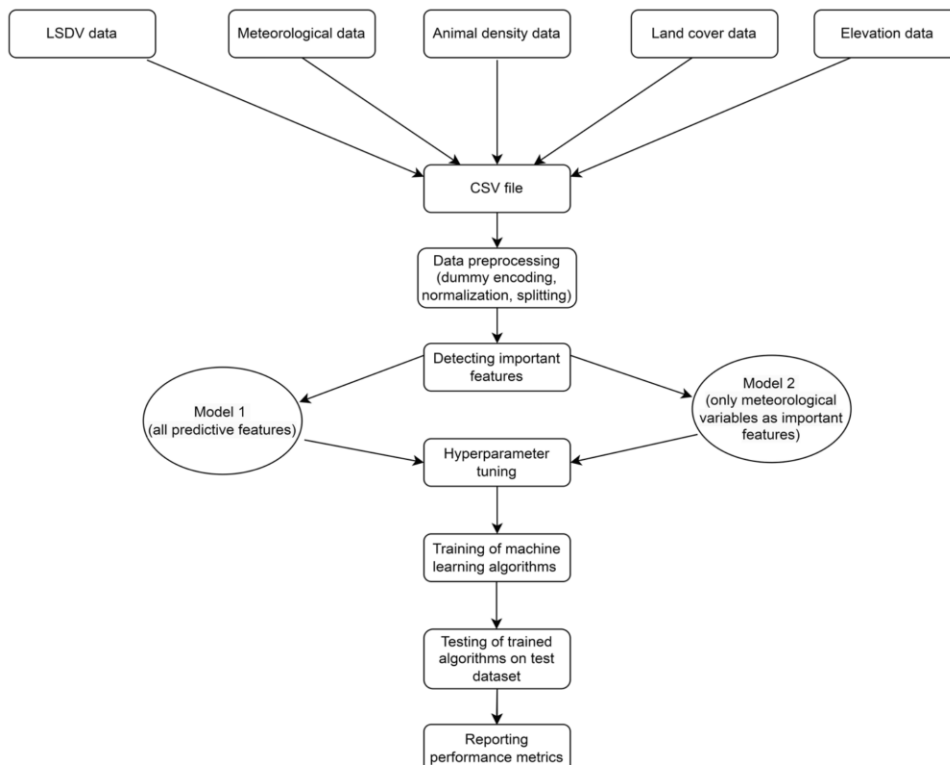
User Stories

User Type	Requirement (Epic)	User Story	Acceptance Criteria	Priority	Sprint-3
Customer (Mobile user)	Register for the application	As a user, I can register for the application by entering my email, password, and confirming my password.	The user can register for the application and receive a confirmation email.	High	Sprint-2
Customer (Mobile user)	Login to the application	As a user, I can log into the application by entering email & password.	The user can log into the application and access the dashboard.	High	Sprint-1
Customer (Mobile user)	View lumpy skin disease prediction	As a user, I can view a prediction of the likelihood of my cattle developing lumpy skin disease.	The user can enter information about their cattle, such as breed, location, and vaccination status, to receive a prediction of their risk of developing lumpy skin disease.	High	Sprint-0
Customer (Mobile user)	Receive alerts about lumpy skin disease outbreaks	As a user, I can receive alerts about lumpy skin disease outbreaks in my area.	The user can opt in to receive alerts about lumpy skin disease outbreaks in their area.	Medium	Sprint-1
Customer (Web user)	View statistics about lumpy skin disease	As a user, I can view statistics about lumpy skin disease, such as the number of cases reported, the geographic distribution of cases, and the prevalence of different strains of the virus.	The user can view statistics about lumpy skin disease on the web portal.	Medium	Sprint-2

Customer Care Executive	Manage user accounts	As a customer care executive, I can manage user accounts, such as creating new accounts, suspending accounts, and deleting accounts.	The customer care executive can manage user accounts through the web portal.	Low	Sprint-3
Administrator	Configure the system	As an administrator, I can configure the system, such as setting up user roles and permissions, and managing data sources.	The administrator can configure the system through the web portal.	Low	Sprint-4