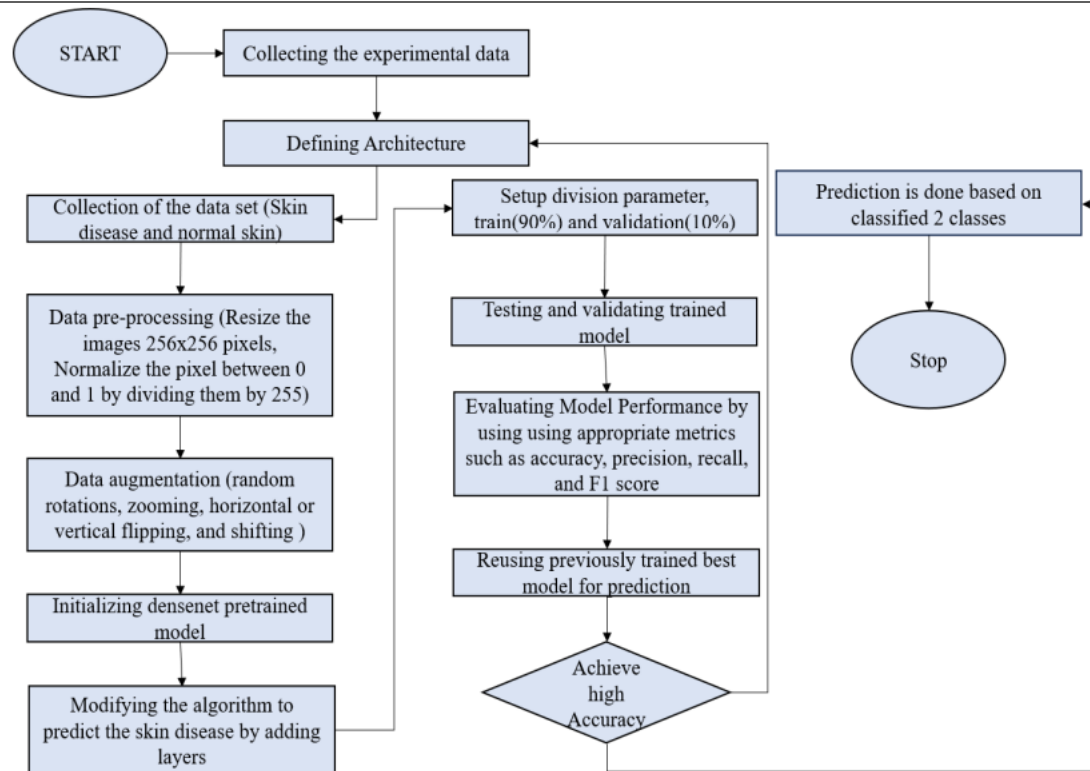


Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - 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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task Description	Acceptance Criteria	Priority	Release
Farmer (User)	Registration	PLSD-1	As a farmer, I can register for the system by providing my contact information, farm details, and creating a password.	- I can access my dashboard after successful registration.	High	Sprint-1
		PLSD-2	As a farmer, I will receive a confirmation email upon successful registration.	- I can receive the confirmation email and click to confirm my account.	High	Sprint-1
	Data Input and Management	PLSD-3	As a farmer, I can enter cattle health records, environmental data, and disease-related information into the system.	- The system validates and saves the entered data.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task Description	Acceptance Criteria	Priority	Release
		PLSD-4	As a farmer, I can upload images of cattle for disease prediction.	- The system processes the uploaded images for prediction.	High	Sprint-2
		PLSD-5	As a farmer, I can report diagnosed cases to provide feedback for model improvement.	- I can submit diagnosed cases and add relevant details.	Medium	Sprint-3
	Disease Prediction	PLSD-6	As a farmer, I can receive real-time disease predictions for my cattle based on the data provided.	- The system displays disease predictions for my cattle.	High	Sprint-2
Veterinarian (User)	Dashboard	PLSD-7	As a veterinarian, I can log in and access a dashboard with a list of farmers under my care.	- The dashboard displays a list of farmers and their cattle.	High	Sprint-3
		PLSD-8	As a veterinarian, I can view detailed health records and disease predictions for the cattle of each farmer.	- I can access detailed cattle health records and predictions.	High	Sprint-3
	Support and Feedback	PLSD-9	As a veterinarian, I can provide recommendations and interventions based on disease predictions.	- I can add recommendations for disease management.	High	Sprint-3
		PLSD-10	As a veterinarian, I can submit feedback and updates to improve the system's prediction accuracy.	- I can report issues and provide suggestions for improvement.	Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task Description	Acceptance Criteria	Priority	Release
System Administrator	User Management	PLSD-11	As an administrator, I can manage user accounts, including creating, updating, and deactivating accounts.	- I can create, edit, and deactivate user accounts.	High	Sprint-4
	Data Management	PLSD-12	As an administrator, I can oversee data integration and management, ensuring data quality and security.	- I can monitor data flow, validation, and security measures.	High	Sprint-4
	System Monitoring and Maintenance	PLSD-13	As an administrator, I can access a dashboard for system performance and maintain the system.	- The dashboard shows system usage, error logs, and key performance metrics.	Medium	Sprint-4