

Project Design Phase-II

Data Flow Diagram & User Stories

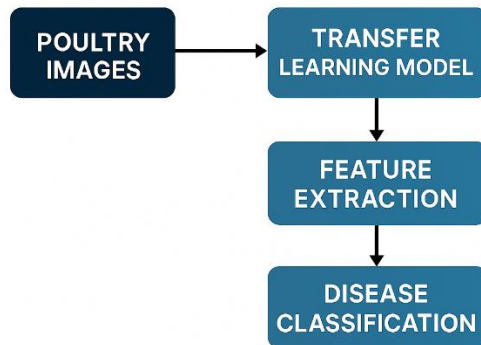
Date	30 June 2025
Team ID	LTVIP2025TMID41159
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	4 Marks

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.

Example: [\(Simplified\)](#)


TRANSFER LEARNING-BASED CLASSIFICATION OF POULTRY DISEASES FOR ENHANCED HEALTH MANAGEMENT



DFD 0

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile 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	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	As a user, I can register for the application through Gmail I can register using Gmail and login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	As a user, I can log into the application by entering email & password I can successfully log in and access dashboard.	High	Sprint-1
	Dashboard	USN-6	As a user, I can view classification history and disease reports in a dashboard	I can view past reports, images, and diagnosis results	High	Sprint-2
		USN-7	As a user, I can upload an image of a poultry bird showing symptoms	I can upload a valid image for diagnosis	High	Sprint-2
	Classification	USN-8	As a user, I can get disease classification based on the uploaded image	I can see the result with confidence score	High	Sprint-2
	Recommendation	USN-9	As a user, I can get recommendations for treatment based on disease classified	I can view suggested actions and medicines	Medium	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Dashboard	USN-10	As a user, I can access the same functionalities via web browser	Responsive web app with same features	Medium	Sprint-3
Customer Care Executive	User Management	USN-11	As an executive, I can view, search and help registered users	I can access user information dashboard	Medium	Sprint-3
Administrator	Admin Dashboard	USN-12	As an admin, I can monitor application usage and ML model performance	I can view analytics, logs, and error reports	High	Sprint-3