Project Design Phase-II
Data Flow Diagram & User Stories
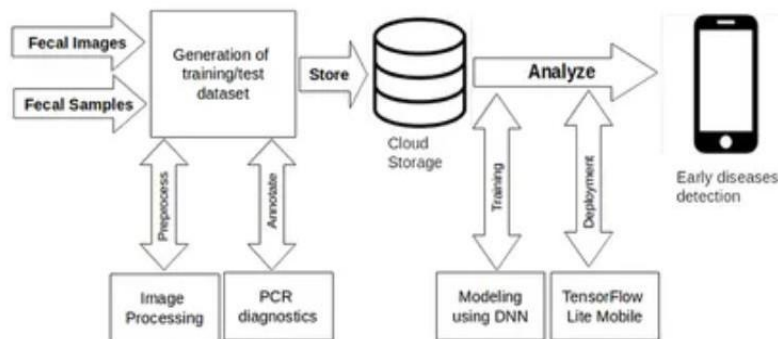
Date	30 June 2025
Team ID	LTVIP2025TMID46945
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	4 Marks

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.
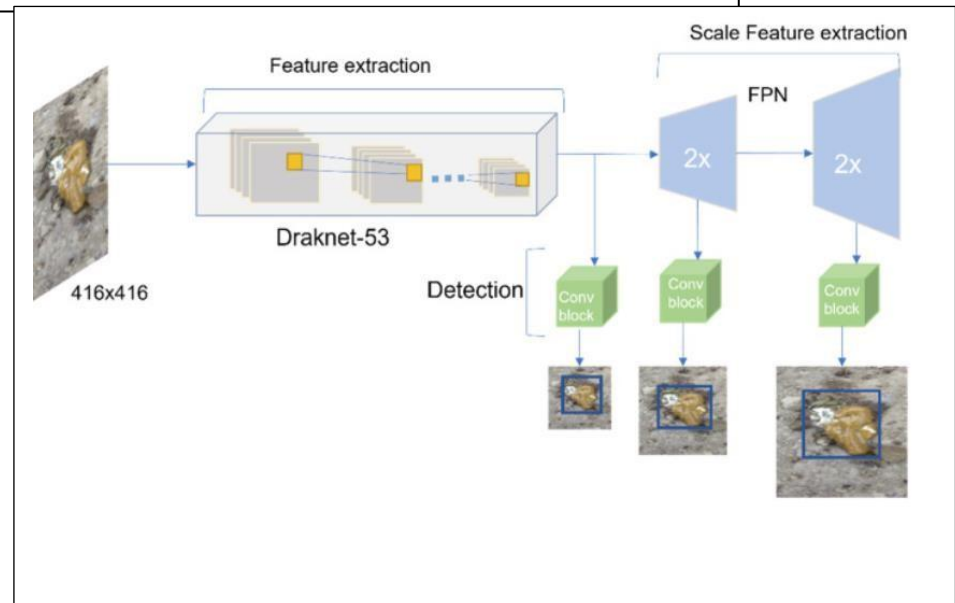
Example: (Simplified)

Example: DFD Level 0 (Industry Standard)

Figure 2

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-1
		USN-4	As a user, I can register for the application through Gmail	I can access my account after logging in with Gmail	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering email & password	I am taken to the dashboard if credentials are correct	High	Sprint-2
	Dashboard	USN-6	As a user, I can upload or capture a poultry image through the app	I see a preview and confirmation of the uploaded image	Medium	Sprint-2
		USN-7	As a user, I can upload or capture a poultry image through the app	I can see a list of my past uploaded cases	Medium	Sprint-3
		USN-8	As a user, I get suggestions/tips based on detected disease	I can manage user records and access logs	Medium	Sprint-3
		USN-9	As an admin, I can add/remove users and monitor app usage	I see treatment or care tips shown on-screen	Medium	
Customer (Web user)	Monitoring	USN-10	As a user, I receive the disease prediction after image upload	I receive a disease name and confidence percentage	High	Sprint-4
Customer Care Executive	Manage Users	USN-11	As a user, I get suggestions/tips based on detected disease	I see treatment or care tips shown on-screen	High	Sprint-4
Administrator	Model Management	USN-12	As an admin, I can add/remove users and monitor app usage	I can see a list of my past uploaded casesAs an admin, I can add/remove users and monitor app usage	High	Sprint-4