

Project Design Phase-II

Data Flow Diagram & User Stories

Date	31 JUNE 2025
Team ID	LTVIP2025TMID34941
Project Name	Disease Recognition in Chickens
Maximum Marks	4 Marks

Data Flow Diagrams:

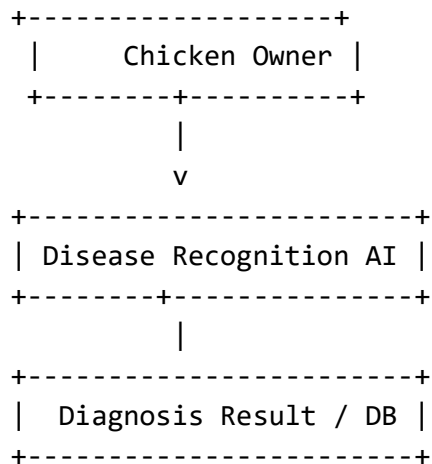
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the

Data Flow Diagram (DFD – Level 0 & Level 1)

DFD – Level 0 (Context Diagram)

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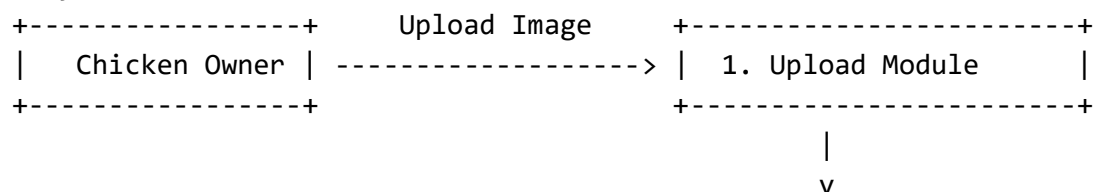
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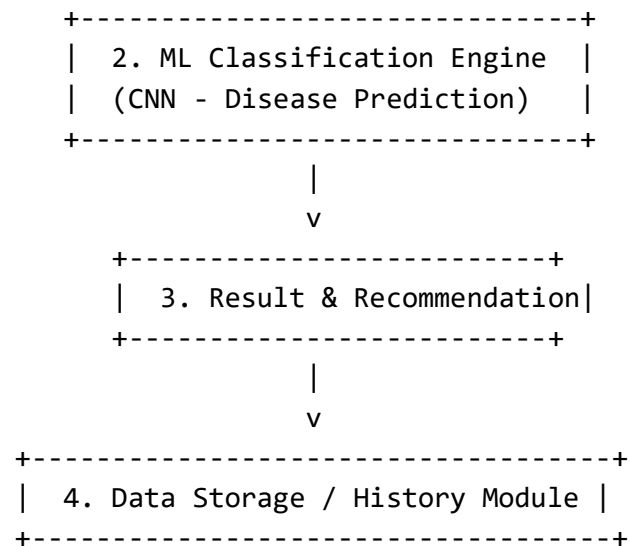


DFD – Level 1

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User Stories

User Type: Chicken Owner (Web / Mobile)

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Chicken Owner	Registration	USN-1	As a user, I can register by entering my name, email, password, phone number	I receive confirmation and access the dashboard	High	Sprint-1
Chicken Owner	Registration	USN-2	As a user, I will receive confirmation email after registration	I receive confirmation mail and can activate account	High	Sprint

						t - 1
Chi cke n Ow ner	Login	USN- 3	As a user, I can log into the app with my email and password	Successful login redirects to dashboard	H i g h	S p r i n t - 1
Chi cke n Ow ner	Upload Image	USN- 4	As a user, I can upload an image of a sick chicken	System accepts image and shows progress bar	H i g h	S p r i n t - 1
Chi cke n Ow ner	View Diagnosis	USN- 5	As a user, I can view the disease detected with the image I uploaded	I receive a report with name, confidence %, and remedies	H i g h	S p r i n t - 2
Chi cke n Ow ner	Track History	USN- 6	As a user, I can see history of previous disease checks	I can view previous dates, images, results	M e d i u m	S p r i n t - 2
Chi cke n Ow ner	Notificatio ns	USN- 7	As a user, I receive alerts when new diseases are spreading nearby	Location-based push/email alert when relevant	M e d i	S p r i n

					u	t
					m	-
						3
Chi cke n Ow ner	Profile Managem ent	USN- 8	As a user, I can update my profile and password	Able to edit and save profile changes	L o w	S p r i n t - 3

User Type: Administrator

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	P r i o r i t y	R e l e a s e
Ad min istr ator	User Managem ent	USN-9	As an admin, I can view all registered users	List of users with delete/deactivat e option	M e d i u m	S p r i n t - 2
Ad min istr ator	Analytics & Dashboard	USN- 10	As an admin, I can see usage statistics (daily uploads, predictions)	Charts / graphs showing system usage	M e d i u m	S p r i n t - 3
Ad min istr ator	ML Model Monitoring	USN- 11	As an admin, I can monitor ML model performance (accuracy, issues)	Dashboard with model stats	M e d i u m	S p r i n t - 3

Ad min istr ator	Content Managemen t	USN- 12	As an admin, I can update remedies and disease descriptions	Updated text reflects in user reports	L o w	S p ri n t- 3
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