

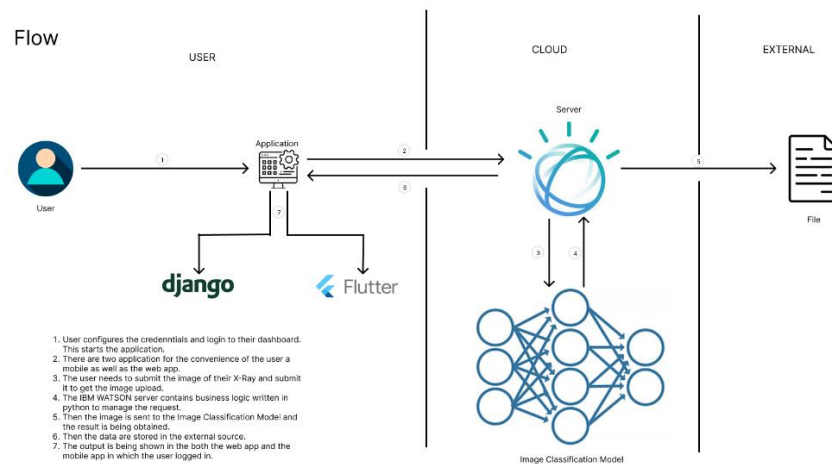
## Project Design Phase-II

Date	13 May 2023
Team ID	NM2023TMID03654
Project Name	Project - Covid Vision: Advanced COVID-19 Detection from Lung X-Rays with Machine Learning or Deep Learnings

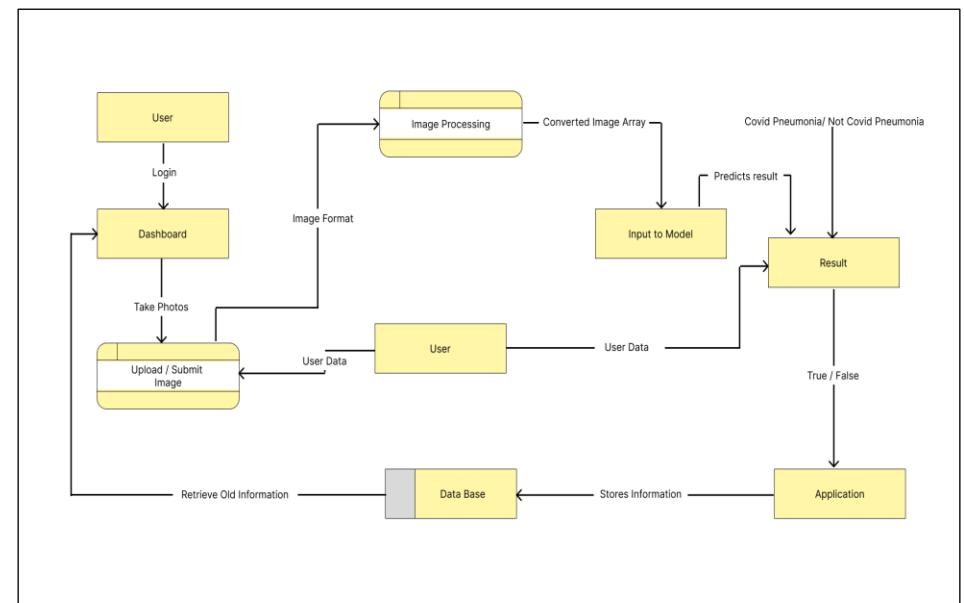
### Data Flow Diagrams:

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)



## 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	Team Member
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	Sam Nijin S
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Haneesh Noyal T R S
	Login	USN-3	As a user, I can log into the application by entering email & password	I can access my dashboard	High	Beihim S S
	Dashboard	USN-4	As a user, I can view my record and details, request for any updating from my dashboard	I can access my dashboard to do all the necessary changes	Low	Haneesh Noyal T R S
Customer (Web User)	Registration	USN-5	As a user I need to have my personal account	I can register for an account and have a personal dashboard	Medium	Gokul B S
		USN-6	As a user I need to upload my X-Rays to get the test result	I can upload the X-Ray images with PNG format and DICOM format	High	Sam Nijin S
		USN-7	Once the image uploaded, what should I do now?	The image will get processed if it is valid else it will show an error message	Medium	Gokul B S
Customer Care Executive	Help Desk	USN-8	The process of helping the customers regarding the issues and support.	The customers can be able to get support and resolve their issues	High	Sam Nijin S
Administrator	Monitor the application and generate report	USN-9	The admin needs to monitor the application and need to generate the report frequently	The report is being generated very frequently which enables the admin to monitor the application	High	Sam Nijin S
Administrator	Update the Model	USN-10	There may be change of change in the visuals of the covid pneumonia in the chest X-Rays, so the admin needs to update and change the model.	The new model performs well compared to old model and predicts new variant of covid pneumonia	High	Sam Nijin S