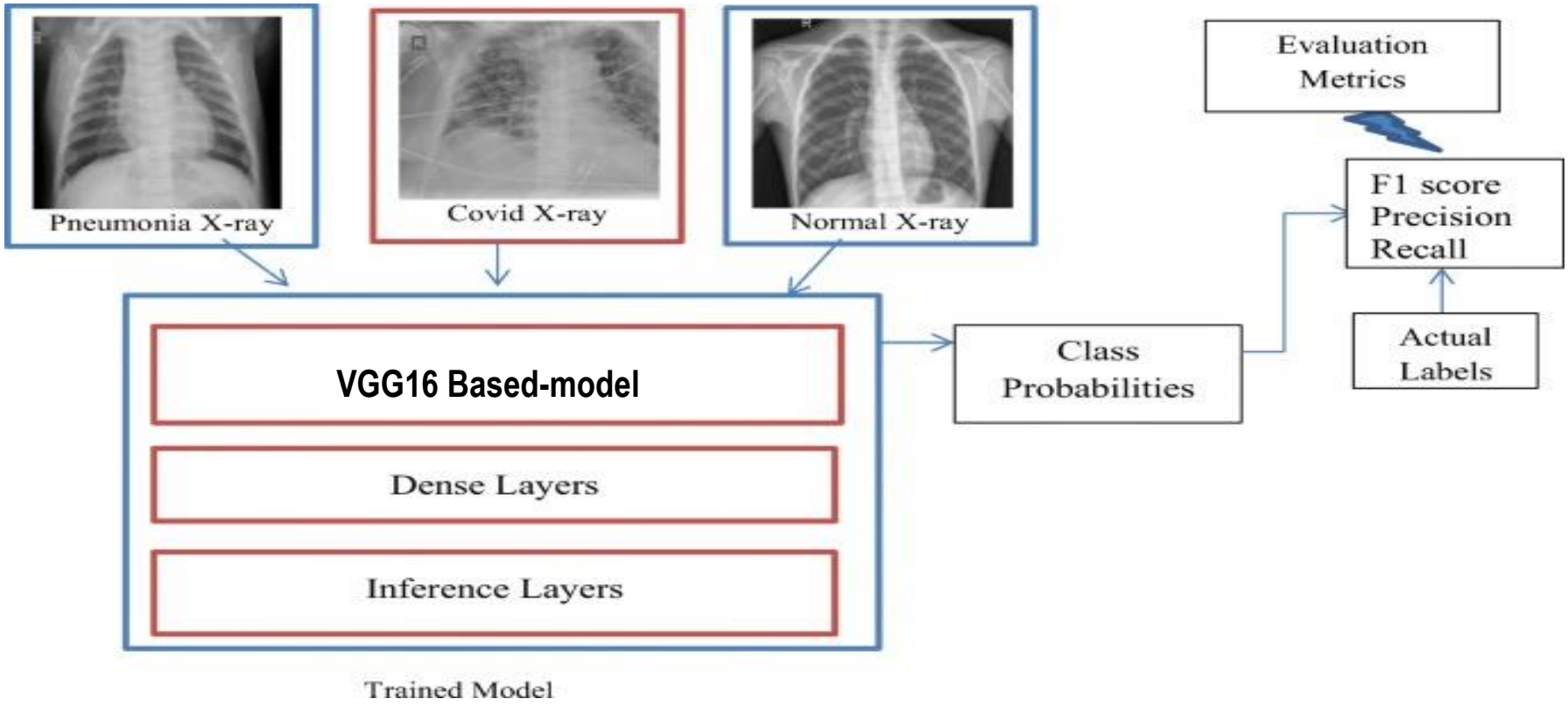
Project Design Phase-II
Data Flow Diagram & User Stories

Date	22 November 2023
Team ID	Team -591787
Project Name	Project- Detecting COVID-19 From Chest X-Rays Using Deep Learning Techniques
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

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 (Web user)	Dashboard	USN-1	User Image Upload: As a radiologist, I want to upload chest X-ray images easily so that I can quickly assess and detect potential cases of COVID-19.	I can access my account and upload the image	High	Sprint-1
		USN-2	Preprocessing Efficiency: As a system user, I want the uploaded images to be preprocessed efficiently so that the deep learning model receives high-quality input for accurate detection.	As the picture is uploaded now model will run and check.	Medium	Sprint-1
		USN-3	Real-time Inference: As a healthcare professional, I want the deep learning model to provide real-time inference on X-ray images, enabling prompt decision-making for patient care.	Now the model will run and it will check that if the person is suffering from covid or pneumonia	Medium	Sprint-1
		USN-4	Detailed Detection Results: As a medical researcher, I want detailed results from the deep learning model, including confidence scores and localization, to enhance my understanding of the detection process.	Now the model predict the output	High	Sprint-2
Administrator					High	Sprint-1