

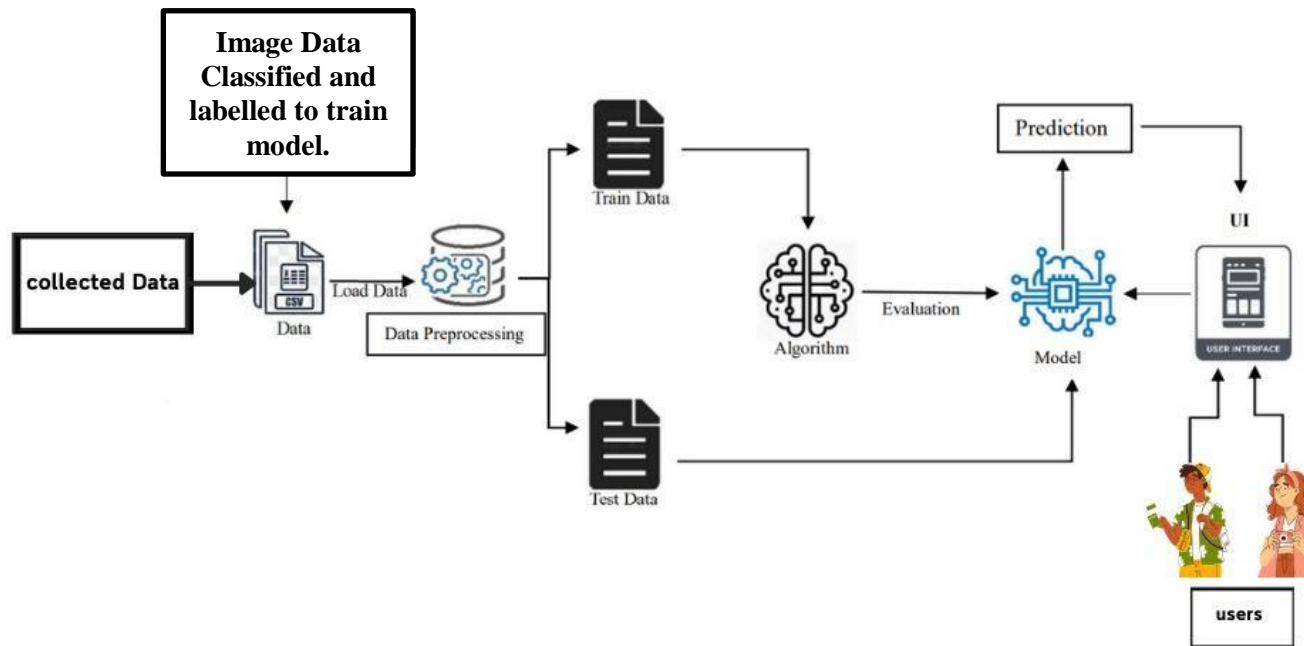
## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	Team-591789
Project Name	PoxVisio: A Deep Learning Expedition into Monkeypox Skin Lesions.
Maximum Marks	4 Marks

#### Data Flow Diagram:

A Data Flow Diagram (DFD) serves as a conventional visual representation illustrating the information flows within a system. An organized and lucid DFD can effectively convey the system requirements graphically, demonstrating the appropriate details. This diagram delineates the pathways through which data enters and exits the system, identifies the processes that alter the information, and highlights the locations where data is stored.



**User Stories:**

User Type	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data Scientist	USN-1	Identify Monkeypox Skin Lesions in Images	Develop a deep learning model for lesion detection. Model accuracy should exceed 90%.	High	-
Researcher	USN-2	Analyze and Classify Monkeypox Skin Lesions	Implement a classification system for different types of lesions. Accuracy goal: 85%.	High	-
Medical Expert	USN-3	Validate Deep Learning Results	Engage medical professionals to review and validate model predictions on real-world cases.	Medium	-
UI/UX Designer	USN-4	Design User Interface for PoxVisio	Create an intuitive interface for uploading images, viewing results, and accessing reports.	Medium	-
Developer	USN-5	Integrate PoxVisio with Existing Healthcare Systems	Ensure seamless integration with hospital databases and health information systems.	High	-