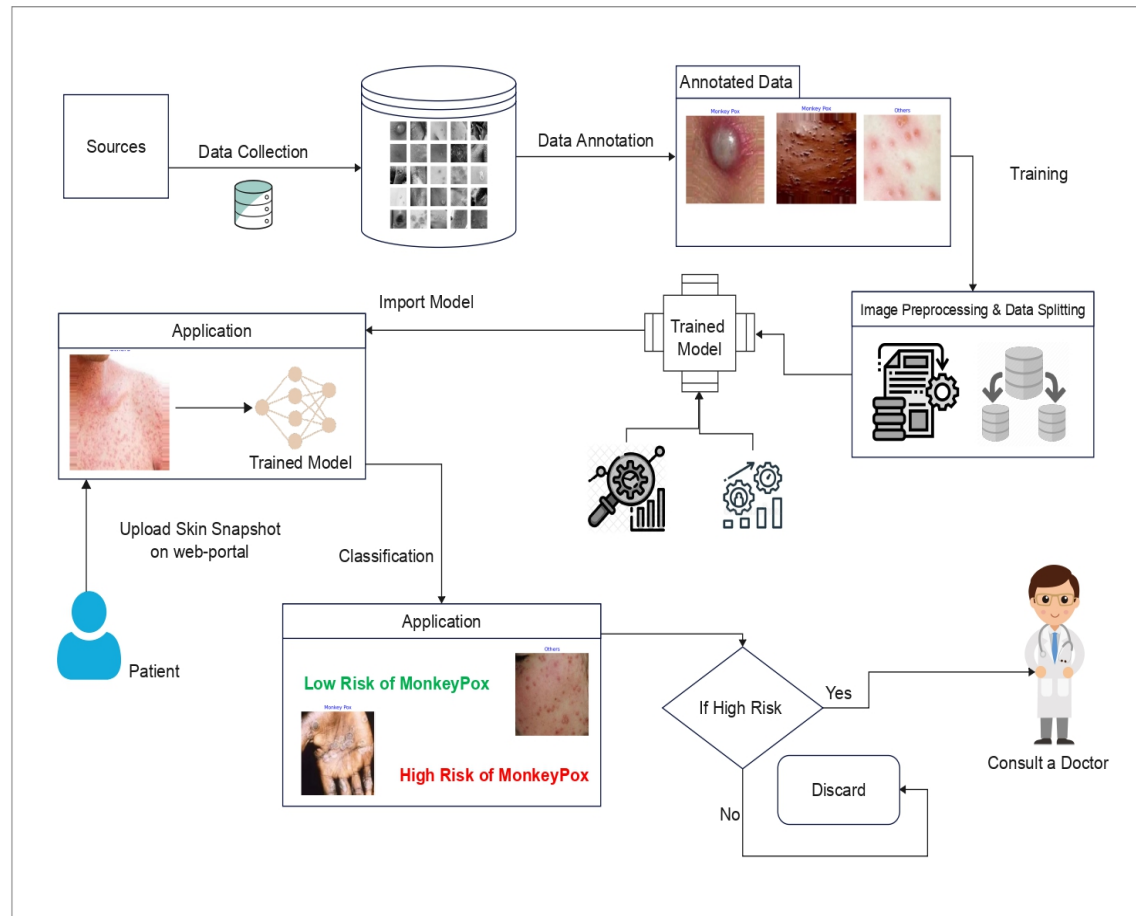


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	23rd October 2023
Team ID	Team-592706
Project Name	PoxVisio: A Deep Learning Expedition Into Monkeypox Skin Lesions
Maximum Marks	4 Marks
Team Members	<ul style="list-style-type: none"><li>1) Atharva Pravin Navghane – 21BCE0083</li><li>2) Mrudul Sunil Patil – 21BCE3386</li><li>3) Onkar Hule – 21BCE3363</li><li>4) Mehul Gupta – 21BCE3897</li></ul>

## 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:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
User	Image Upload	USN-1	As a user, I can upload images of monkeypox skin lesions	- The web app allows users to upload image files.	High	Sprint 1
User	Classification	USN-2	As a user, I want to receive clear and accurate classifications	- I receive a classification result with a confidence score.	High	Sprint 1
Data Admin	Data Collection	USN-3	As a data admin, I can update the Monkeypox Skin Lesion Dataset	- New images are collected and preprocessed into MSLD.	Medium	Sprint 2
Data Admin	Data Maintenance	USN-4	As a data admin, I want to ensure the dataset is regularly updated	- Scheduled updates to the dataset occur to improve accuracy.	Medium	Sprint 2
ML Engineer	Model Retraining	USN-5	As an ML engineer, I can retrain the ResNet50 model	- The model is retrained with the latest data for improved accuracy.	High	Sprint 3
User	History and Reports	USN-6	As a user, I can view my submission history and download reports	- User submission history is accessible. - Users can download classification reports.	Medium	Sprint 4
System Admin	Security and Compliance	USN-7	As a system admin, I ensure the web app is secure	- User data is protected and in compliance with privacy regulations. - Regular security checks are performed.	High	Sprint 5
User	Cross-Device Access	USN-8	As a user, I can access the web app from different devices	- The web app is responsive and works well on various devices and browsers.	Medium	Sprint 6
Healthcare Pro	Reliable Diagnosis	USN-9	As a healthcare professional, I rely on classification results	- Classification results provide reliable initial diagnosis.	High	Sprint 7