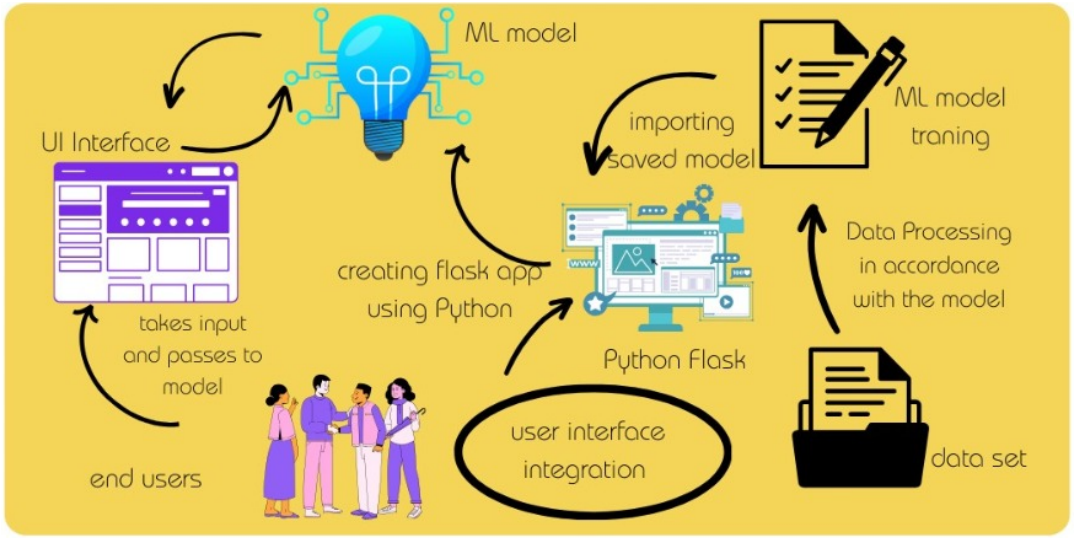
Project Design Phase
Data Flow Diagram & User Stories

Date	21 October 2023
Team ID	593213
Project Name	Lymphography Classification using ML
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a conventional graphical representation illustrating the flow of information within a system. A well-organized and lucid DFD can visually portray the precise system requirements. It illustrates the entry and exit points of data in the system, tracks alterations in information, and identifies data.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Radiologist	Initiating classification	USN-1	As a user, I want to easily upload lymphography data to the system.	I can initiate the classification process efficiently	High	Sprint-1
Healthcare Professional	Diagnostic decisions	USN-2	As a user, I want the system to provide clear and accurate classifications of lymphography data, so that I can make informed diagnostic decisions.	I can make informed diagnostic decisions	High	Sprint-1
Clinician	Recommendation	USN-3	As a user, I want the system to distinguish between benign and potentially malignant lymphatic conditions	I can recommend appropriate treatment plans	Low	Sprint-2
Radiology technician	Process data	USN-4	As a user, I want the system to have an intuitive user interface for easy navigation and operation	I can quickly process data	Medium	Sprint-1
Medical researcher	Contribution	USN-5	As a user, I want the system to allow access to anonymized data for academic purposes	I can contribute to ongoing studies in lymphography	High	Sprint-1
Healthcare administrator	Checking standards	USN-6	As a user, I want the system to comply with healthcare regulations (e.g., HIPAA) and ensure patient data privacy	We can meet legal and ethical standards	High	Sprint-1
Healthcare provider	Documentation	USN-7	As a user, I want the system to have a comprehensive reporting feature that summarizes classification results	I can refer and make documentations	Medium	Sprint-3