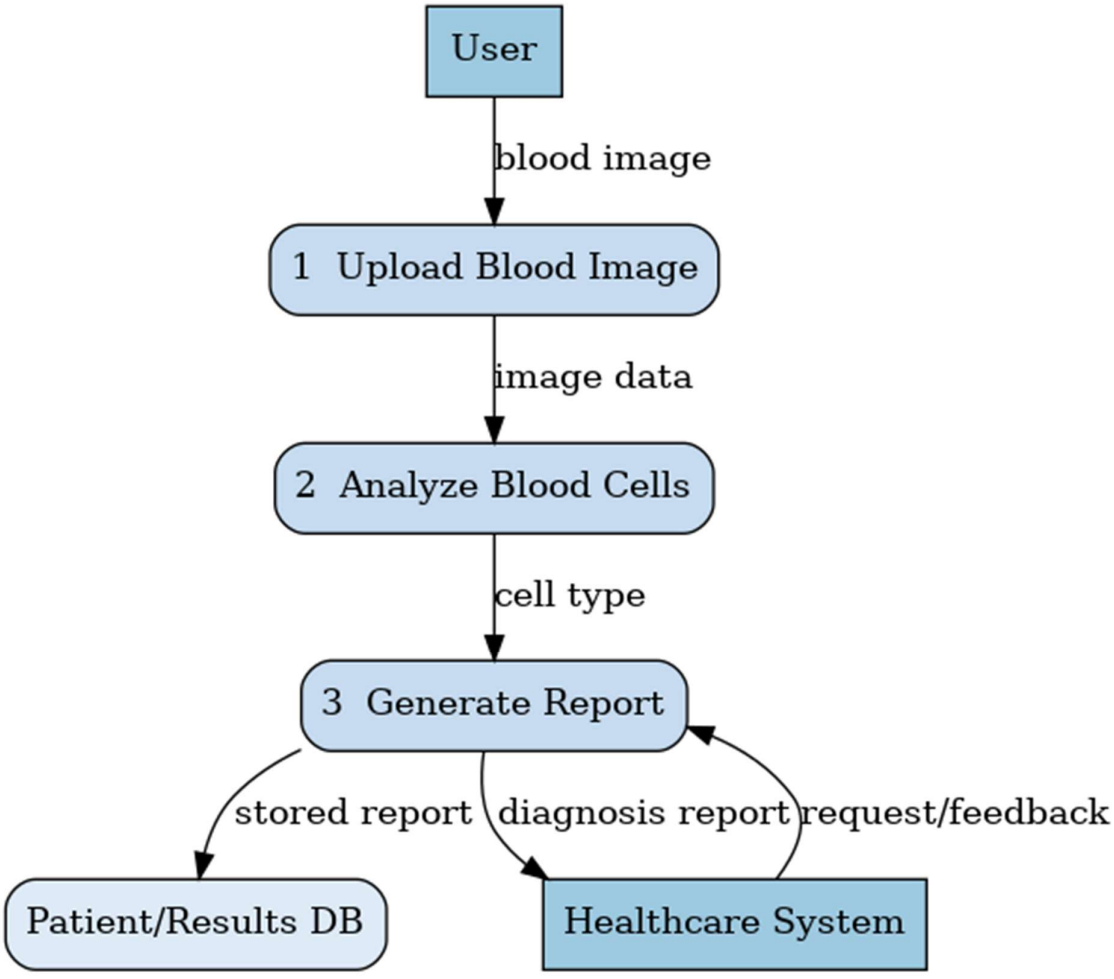
Project Design Phase-II

Data Flow Diagram & User Stories

Date	20 January 2026
Team ID	LTVIP2026TMIDS76912
Project Name	HematoVision: Advanced Blood Cell Classification Using Transfer Learning
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 (Mobile user)	Dashboard	USN-1	As a user, I can view dashboard with upload and history options	Dashboard displays upload & results sections	High	Sprint-1
	Image Upload	USN-2	As a user, I can upload blood cell images for analysis	Image successfully uploaded	High	Sprint-1
	Prediction	USN-3	As a user, I can get blood cell classification result	System shows predicted cell type	High	Sprint-1
	Report Generation	USN-4	As a user, I can view analysis report after prediction	Report displays cell type & confidence	Medium	Sprint-2
	History	USN-5	As a user, I can view past uploaded images & results	Previous records visible	Medium	Sprint-2
Lab Technician	Image Capture & Upload	USN-6	As a lab technician, I can upload microscope blood images	Image stored and processed	High	Sprint-1
Doctor / Pathologist	Diagnosis Support	USN-7	As a doctor, I can use AI prediction to assist diagnosis	Classification accuracy displayed	High	Sprint-1