Project Design Phase-II
Data Flow Diagram & User Stories
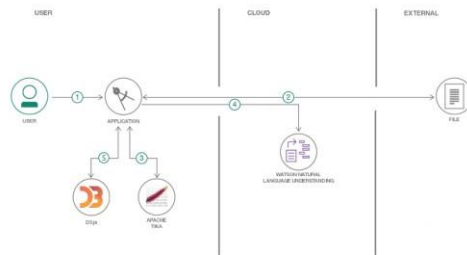
Date	03 October 2022
Team ID	PNT2022TMID32645
Project Name	Project – Plasma Donor Application
Maximum Marks	4 Marks

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.
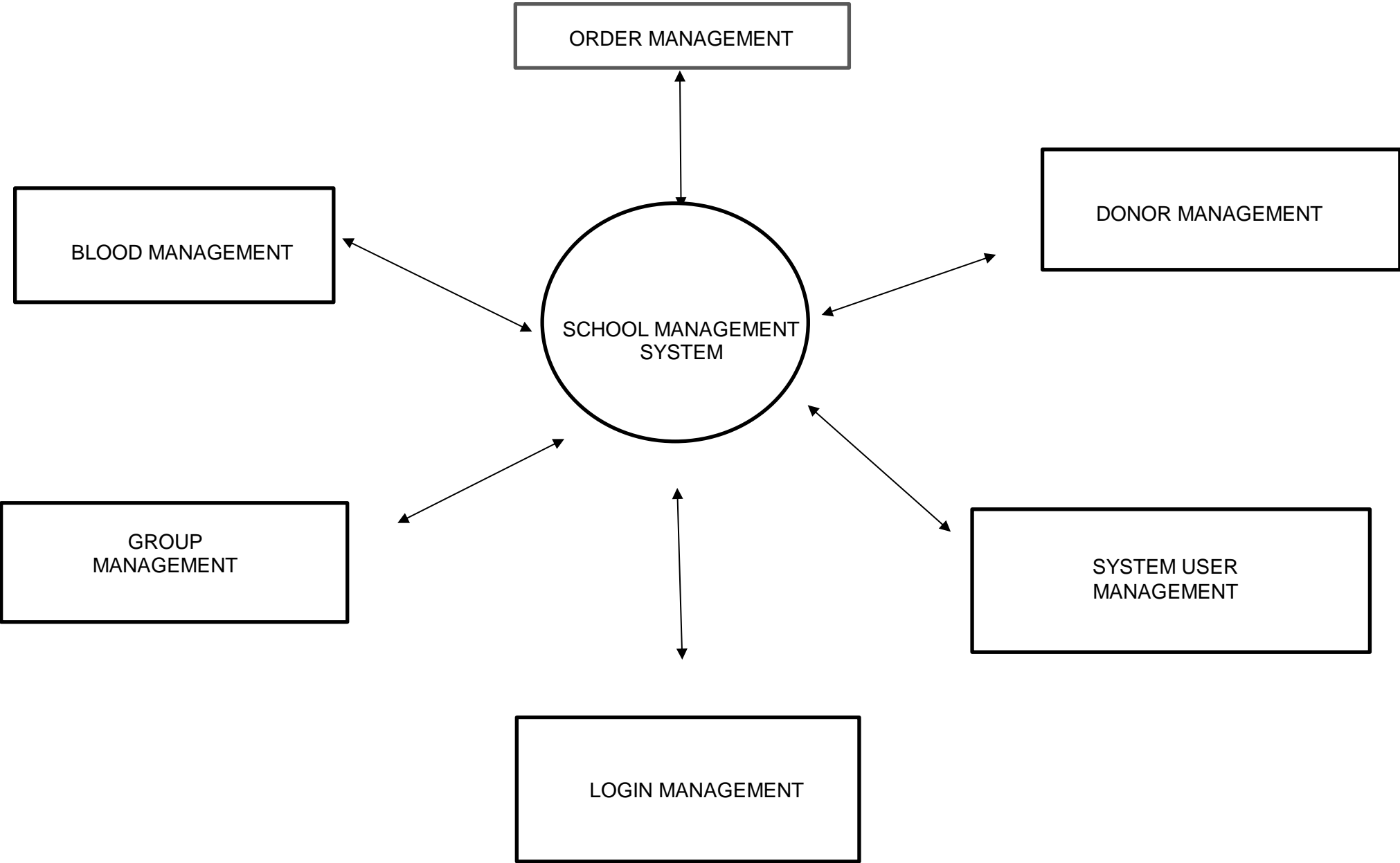
Example: (Simplified)

Flow

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.

2. User selects data file to process and load.

3. Apache Tika extracts text from the data file.

4. Extracted text is passed to Watson NLU for enrichment.

5. Enriched data is visualized in the UI using the D3.js library.

DATA FLOW DIAGRAM (LEVEL 0):

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	High	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login & access the dashboard through the email	High	Sprint-1
	Dashboard	USN-6	As a user, I can search the order based on blood group and donate for the donor needed	I can the search the blood needed	High	Sprint-1
DONOR	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer Care Executive	Communicate customer	USN-8	As a customer care executive, I should ask the donor for his health issues and rectify them before donating the blood	I can solve the customer problem	High	Sprint-1
Administrator		USN-9	As a system administrator I want to be able to configure user settings so that I can control access	I can access my user details	Low	Sprint-2
Customer	Identify blood group	USN-10	As a user, I can able to identify the availability of blood based on the blood group	I can able to identify the plasma donors blood group	High	Sprint-1
	Search the donor	USN-11	As a user, I can able to search for the need based on the required blood group	I can able to search the donor	High	Sprint-1
	Donate plasma	USN-12	As a user, I can able to find requirement based on the need and donate	I can find the need	High	Sprint-1