Project Design Phase-II
Data Flow Diagram & User Stories
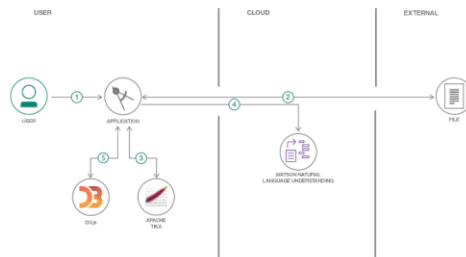
Date	26 Febraury 2026
Team ID	LTVIP2026TMIDS60356
Project Name	Educational Organisation Using Service Now
Maximum Marks	4 Marks

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.
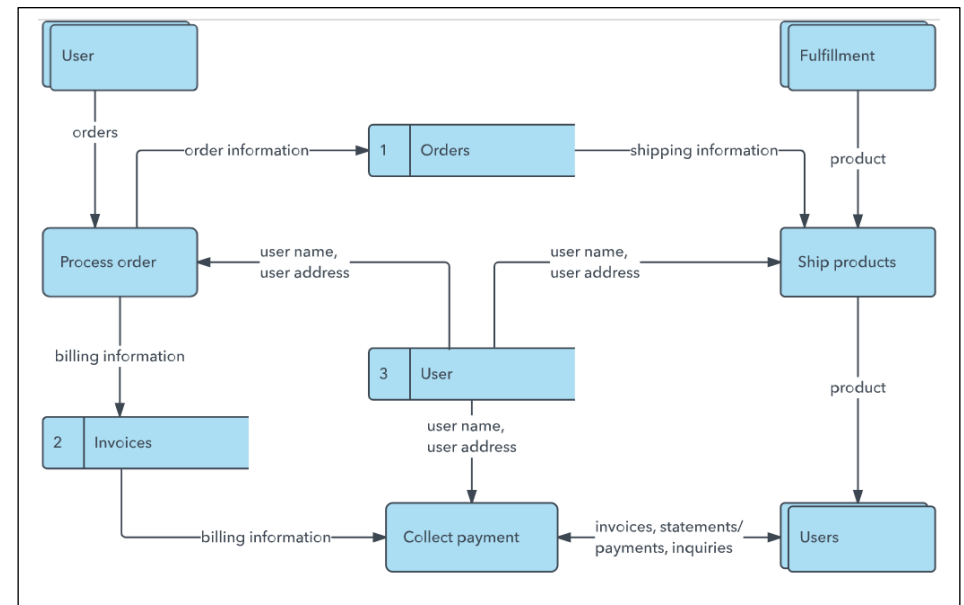
Example: (Simplified)

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.

Example: DFD Level 0 (Industry Standard)

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
Student	Registration	USN-1	As a student, I can register by entering personal and academic details.	Student account is created and redirected to dashboard.	High	Sprint-1
Student	Registration	USN-2	As a student, I receive confirmation email after registration.	Confirmation email is sent and account gets activated.	High	Sprint-1
Student	Login	USN-3	As a student, I can log in using email and password securely.	Valid credentials allow access to dashboard.	Low	Sprint-2
Student	Dashboard	USN-4	As a student, I can view attendance, marks, and announcements.	Dashboard displays updated academic details.	Medium	Sprint-1
Student(web user)	Service Desk	USN-5	As a student, I can raise queries or complaints online.	Ticket is generated with tracking ID.	High	Sprint-1
Faculty	Attendance Management	USN-6	As a faculty member, I can mark student attendance.	Attendance is saved and visible in reports	Medium	Sprint-2
Faculty	Performance Management	USN-7	As a faculty member, I can upload student marks and grades.	Leave request is sent to admin for approval.	High	Sprint-3
Customer Executive	Leave Management	USN-8	As a support executive, I can view and respond to student tickets	dmission status is updated and student	Medium	Sprint-1