

Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 JUNE 2025
Team ID	LTVIP2025TMID29324
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	4 Marks

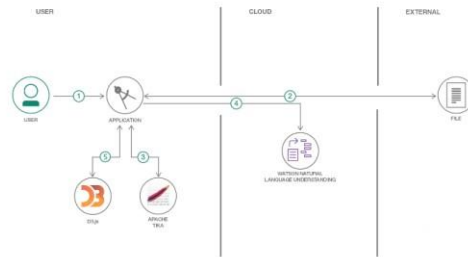
Data Flow Diagrams:

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.

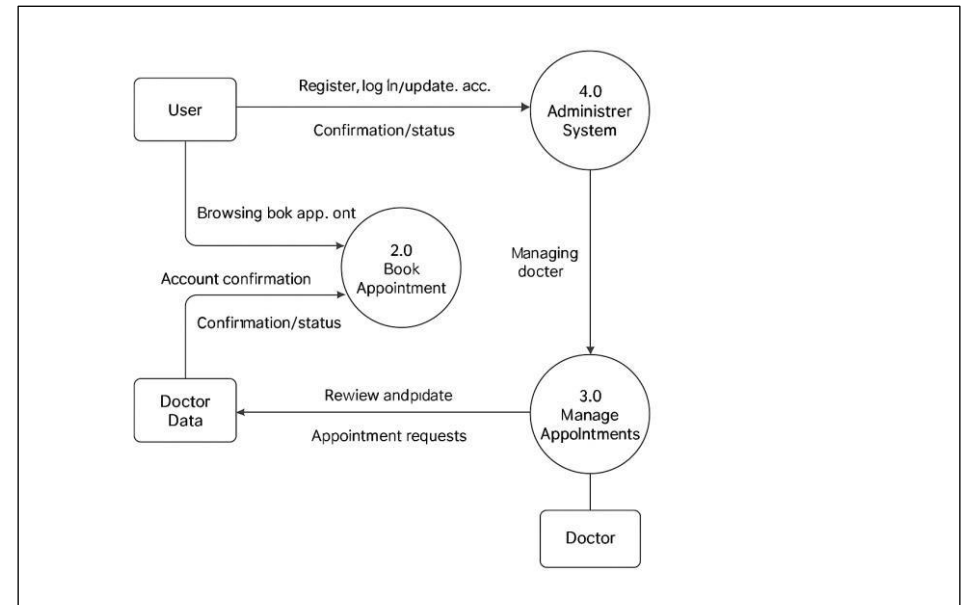
Example: DFD Level 0 (Industry Standard)

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.



User Role	Feature	USN	User Story	Acceptance Criteria / Outcome	Priority	Sprint	
Customer (Mobile)	Registration	USN-1	As a user, I can register by entering my email, password, and confirming it	I can access my dashboard after successful registration	High	Sprint-1	
	Email Confirm	USN-2	As a user, I will receive a confirmation email once I register	I can click confirm and activate my account	High	Sprint-1	
	Facebook Login	USN-3	As a user, I can register using Facebook	I can access the dashboard with Facebook login	Low	Sprint-2	
	Gmail Login	USN-4	As a user, I can register using Gmail	I can access the dashboard with Gmail login	Medium	Sprint-1	
	Login	USN-5	As a user, I can log in using email and password	I am redirected to the dashboard after login	High	Sprint-1	
	Book Appointment	USN-6	As a user, I can book an appointment with a doctor	I get confirmation of appointment	High	Sprint-2	

	View Appointments	USN-7	As a user, I can view upcoming and past appointments	I see appointment details, status, and doctor info	Medium	Sprint-2	
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User Stories:

	Cancel Appointment	USN-8	As a user, I can cancel my appointment if needed	I see cancellation success and updated status	Medium	Sprint-3	
	Dashboard	USN-9	As a user, I can view my profile and recent activity	I can see profile info and upcoming appointments	Medium	Sprint-2	