

Project Design Phase-II

Data Flow Diagram & User Stories

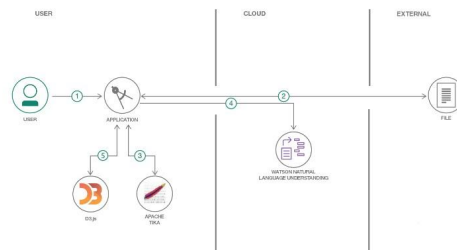
Date	03 October 2022
Team ID	PNT2022TMID25542
Project Name	Analytics for hospital health care data
Maximum Marks	4 Marks

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.

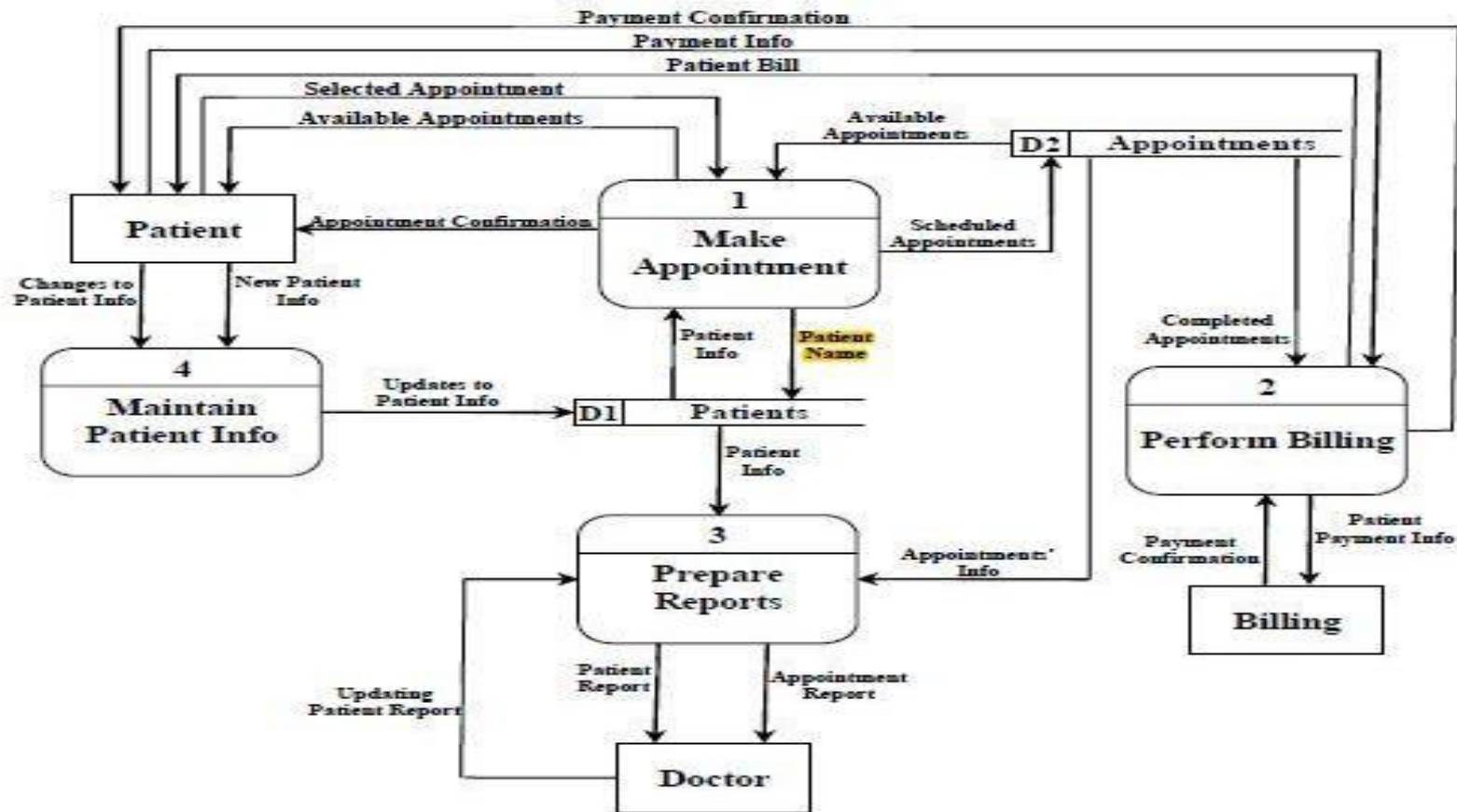
Example: [\(Simplified\)](#)

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.

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
Customer (Mobile user)	Installation	USN-1	Installation of the application in the mobile.	Successful installation of the Application.		
	Registration	USN-2	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-3	As a user, I will receive confirmation email once I have registered for the application.	I can receive confirmation email & click confirm.	High	Sprint-2
		USN-4	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login.	Low	Sprint-1
		USN-5	As a user, I can register for the application through Gmail.		Medium	Sprint-1
	Login	USN 6	As a user, I can log into the application by entering email & password.		High	Sprint 1
	Dashboard	USN 7	Up to date current patients data.	Use patient data.	High	Sprint1
Customer (Web User)	Browsing	USN 8	Website Login	Can through the browser.	Medium	Sprint 1

Burndown Chart

