

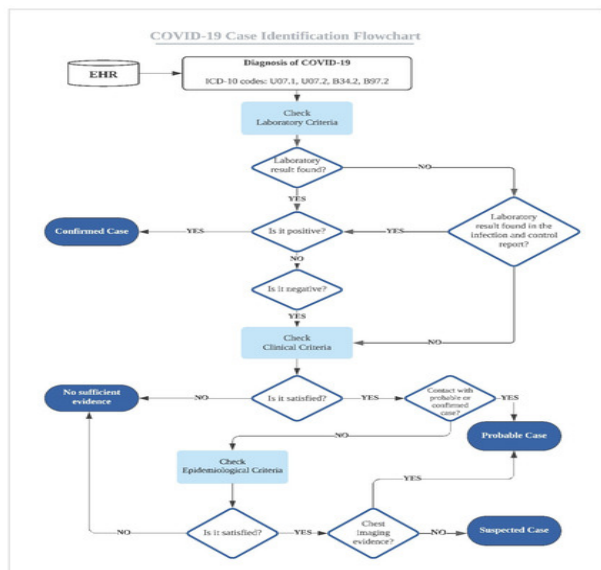
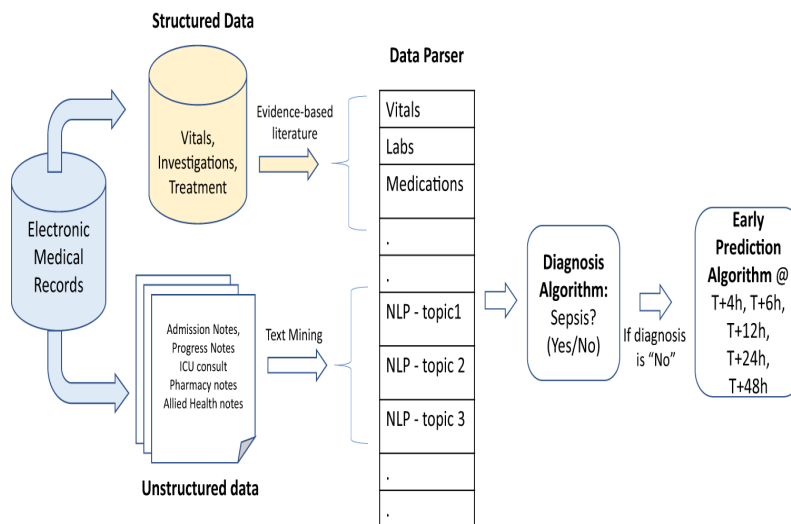
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID14072
Project Name	Project -Analytics for Hospitals 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)



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (patient)	Registration	USN-1	As a user, I can register for the application by entering personal details.	I can access their account / file	Medium	Sprint-1
		USN-2	As a user, I will receive confirmation call / msg once I have registered for the application	I can receive confirmation call & time for appointment	High	Sprint-1
	Hospitalisation	USN-3	Patients are required to hospitalise if they have COVID +ve	Direct Hospitalisation	High	Sprint-2
	Treatment Report	USN-4	Patients should collect their treatment report and get further doctor consult	They can receive the report from hospital	High	Sprint-1
Hospital Management	Resource Allocation	USN-5	Hospital Management should allocate the necessary resource for treating the COVID Patients	Should be ready for any circumstance	High	Sprint-1
	Predicting Length of Stay	USN-6	The Doctors should be aware of condition of Patients to predict the LoS	Exploring the data about the patient health condition and predicting LoS	High	sprint-1
	Resource Availability	USN-7	The Hospital Staff should be aware of available resources in hospital	Visualising the about the resource availability	High	sprint-2
	Staff Welfare	USN-8	The working staff should be safe and Conscious about COVID	Frequently checks the protection of staff	High	sprint-1
Health care management	People separation	USN-9	Collecting the details of people those are close to the patient these 7 days	Should be ready for extra beds and resources	Medium	sprint-3
	Collection of samples	USN-10	Patients are required to hospitalise if they have COVID +ve	Direct hospitalisation /separation for a medium symptoms	Medium	sprint-1