Project Design Phase-II

Data Flow Diagram & User Stories

| Date	31 October 2022
Team ID	PNT2022TMID34642
Project Name	News Tracker Application
Maximum Marks	4 Marks

Data Flow Diagram:

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)
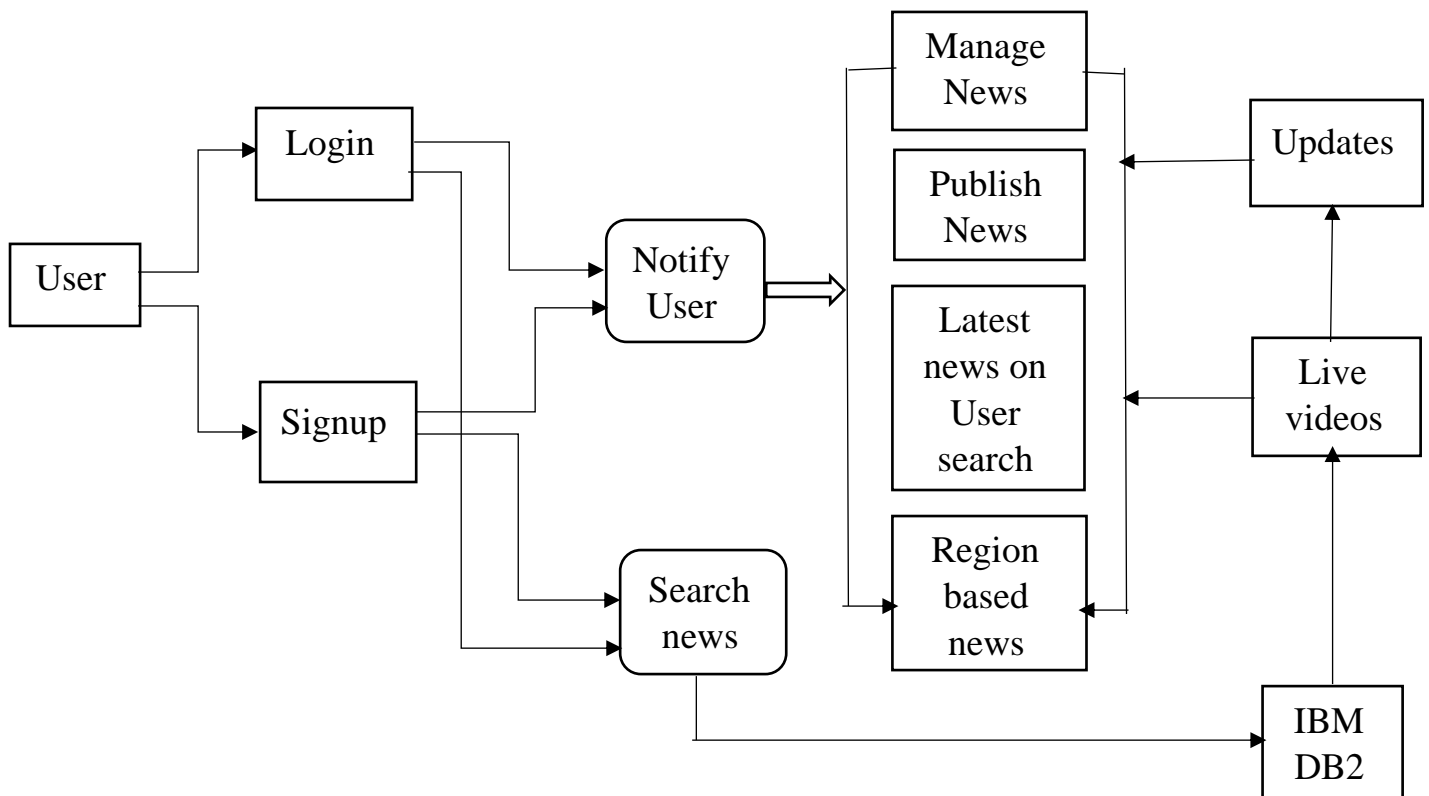
- User has to login.
- User can search news based their interests.
- Notification of updates and timely news will be received.
- Entire process will be stored and collected from IBM DB2.

DFD: Level 0 – News Tracker Application
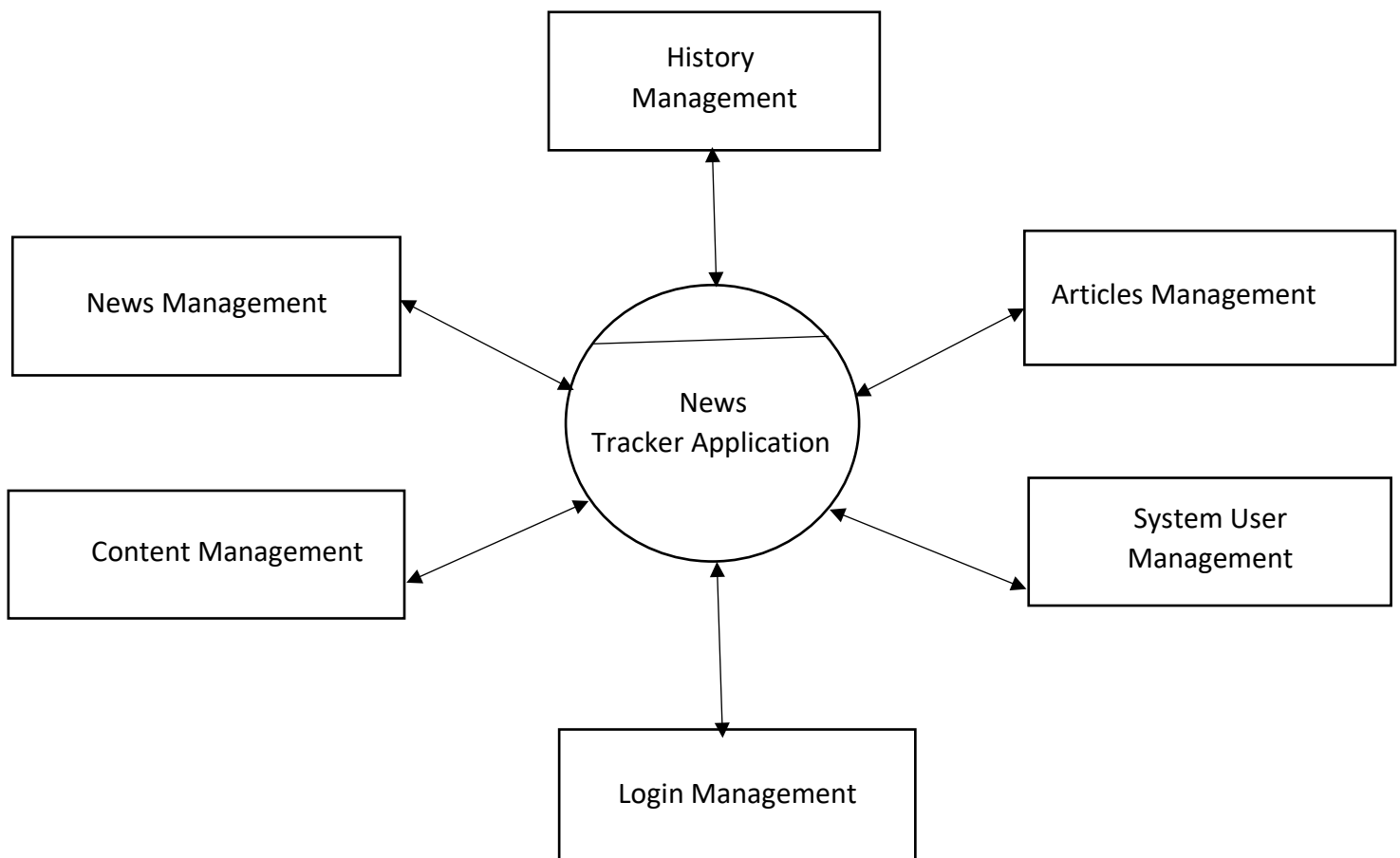
Stories:

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 Gmail	I can receive password to mail.	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can receive confirmation mail	High	Sprint-1
	Dashboard	USN-5	The news app shows the recent NEWS as Breaking NEWS	I can Open and view the news portal.	Low	Sprint-2

Client (Web user)	Search Bar	USN-7	User searches for news based on their own interest.	I can view the related news and can watch videos.	High	Sprint-1
Administrator	Server	USN-9	Provides correct news available from the database.		Medium	Sprint-1