Project Design Phase-II
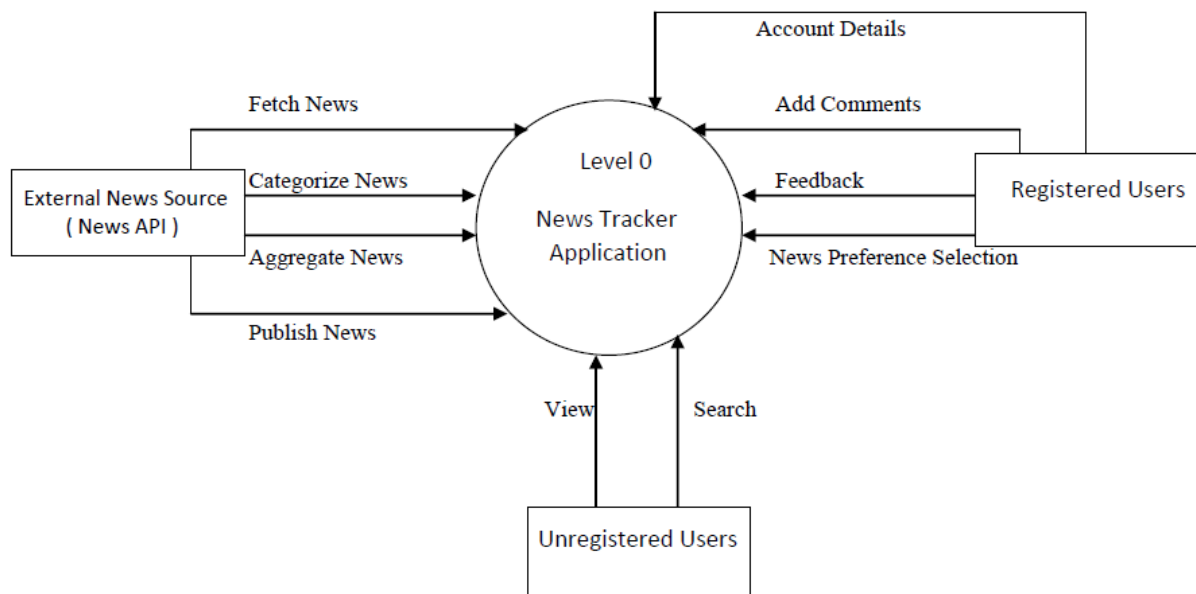**Data Flow Diagram & User Stories**

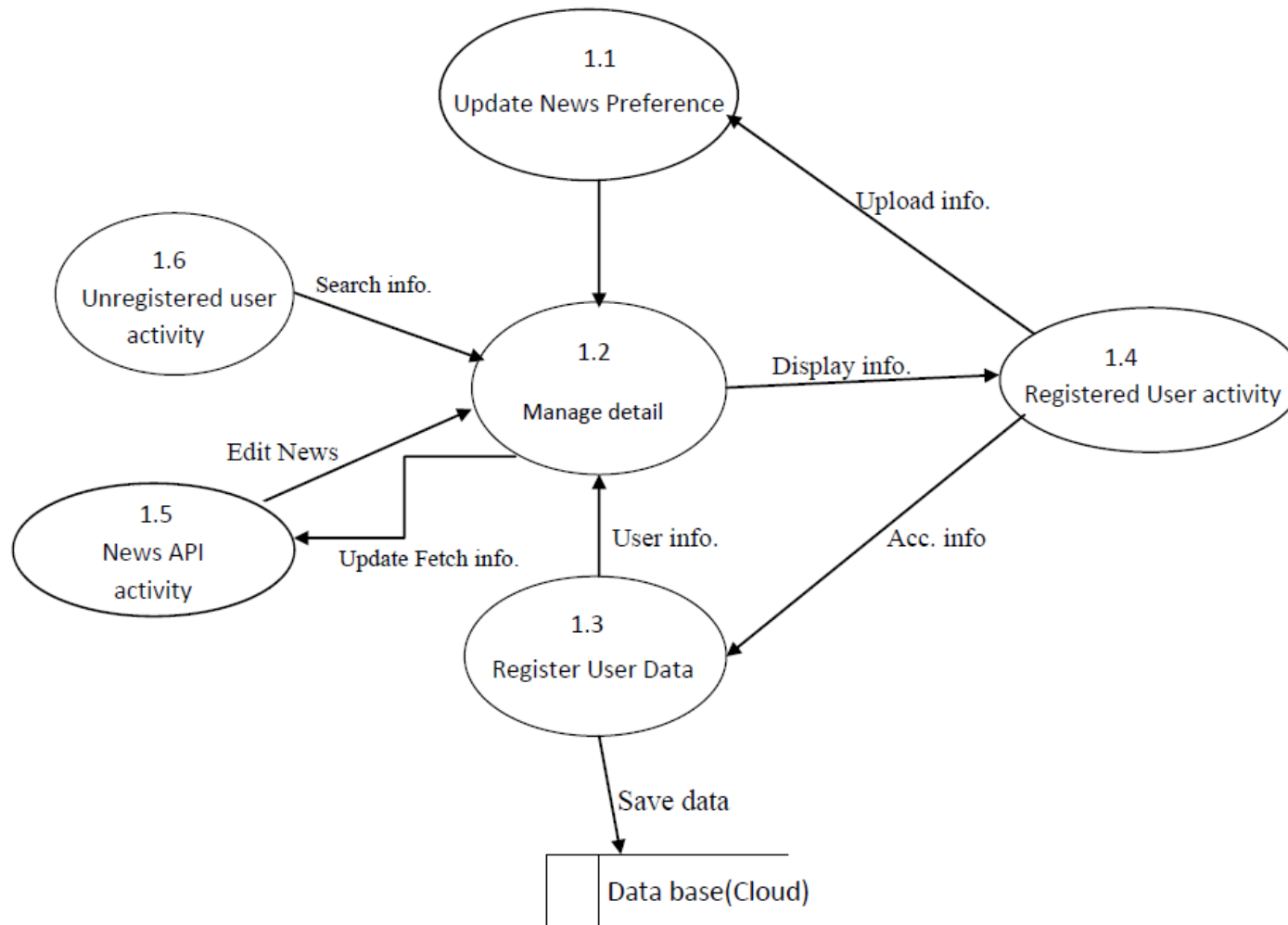| Date	15 October 2022
Team ID	**PNT2022TMID53234**
Project Name	**News Tracker Application**
Maximum Marks	4 Marks

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.

Level 0 - Data Flow Diagram:

Level 1 - Data Flow Diagram:

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
Registered Customer (Web 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 confirmation emails & password reset emails.	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can access my account / dashboard	High	Sprint-1
	Log out	USN-5	As a user, I can log out of the web app.	I can log out when not in use.	High	Sprint-1
	Dashboard	USN-6	As a logged user, I can view articles of my preference on my dashboard.	I can view articles based on content preferences given at the time of registration.	High	Sprint-2
	Reset Password	USN-7	As a registered user I can reset my password, so that I can login again when I forget I forget my password	I can receive a reset password link via email.	High	Sprint-2
	Post Comment	USN-8	As a logged user, I can add comments to a news article.	I can view comments posted by other users and add comments.	High	Sprint-2
	Share article	USN-9	As a logged user, I can share an article in social media (Google).	I can share information with peers on social media.	Medium	Sprint-3
	Search article	USN-10	As a logged user, I can search / view articles on specific topics.	I can view articles on topics of question.	High	Sprint-3
Unregistered Customer (Web user)	View article	USN-11	As an unregistered user, I can view articles that are trending.	I can view recent & trending articles.	High	Sprint-3
	Search article	USN-12	As an unregistered user, I can search articles on specific topics.	I can view articles on topics of question.	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
External Source (API)	News Retrieval	USN-13	As an external system, it can return content based on parameters received in the request.	It can provide results based on request query.	High	Sprint-4
	Categorize news	USN-14	As an external system, it can categorize news based on topics.	It can split content based on a given parameter.	High	Sprint-4
	Aggregate news	USN-15	As an external system, it can aggregate news on similar topics.	It can group content based on a given parameter.	High	Sprint-4
	Publish news	USN-16	As an external system, it can fetch and publish news from sources.	It can gather content from news sources.	High	Sprint-4