Project Design Phase-II
Data Flow Diagram & User Stories

Date	22 October 2023
Team ID	PNT2023TMIDxxxxxx
Project Name	Project - Dissecting The Digital L
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.
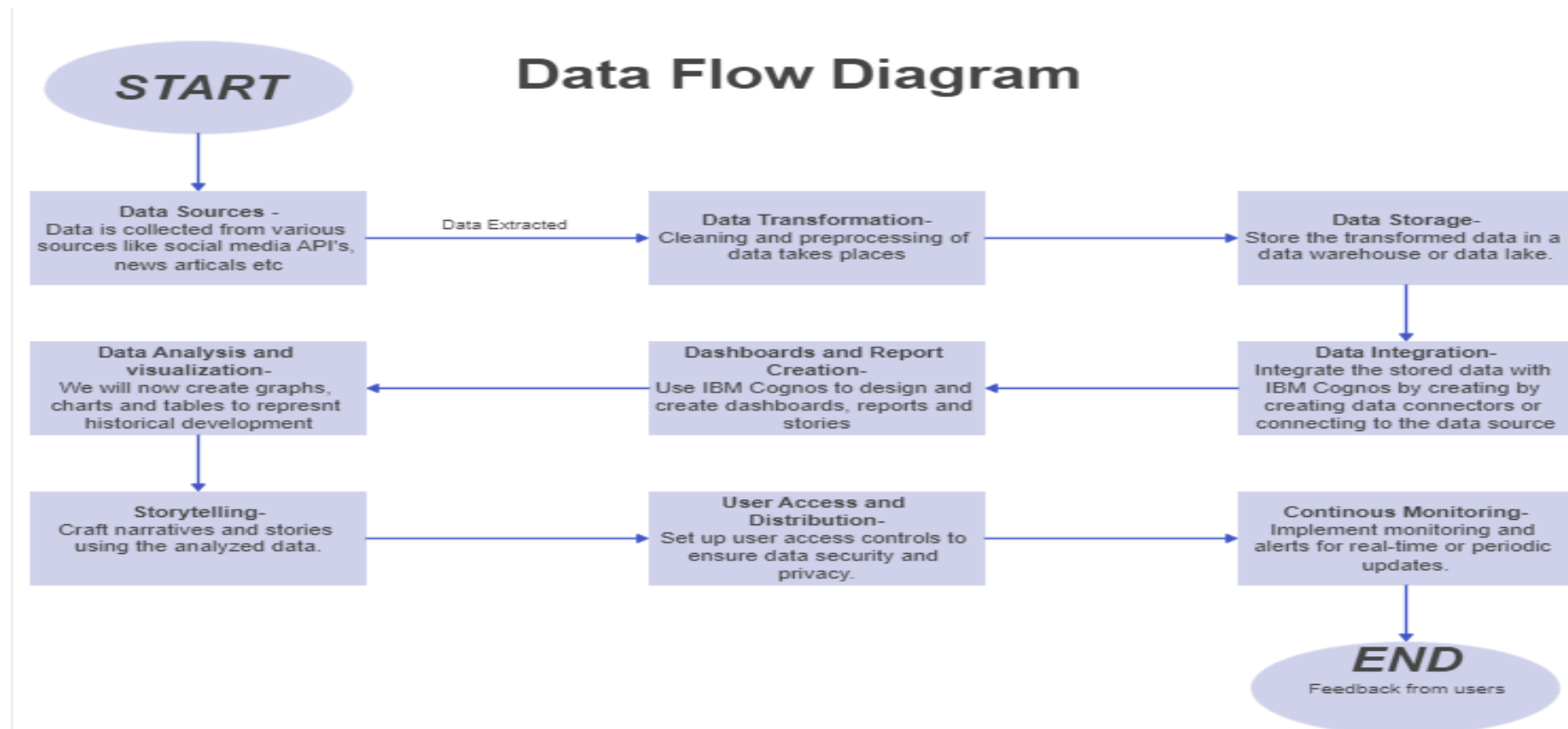
User Stories

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
Data Analyst	Extract data from Twitter using relevant APIs.	USN-1	As a data analyst I want to be able to extract tweets related to specific hashtags on twitter so that I can analyze trends and engagements.	The system should provide an interface to specify the desired hashtags.	Low	Sprint-2
Data Scientist	Perform sentiment analysis on Twitter data.	USN-2	As a data scientist, I want to analyze the sentiment of tweets related to a particular topic on Twitter to understand public opinion.	The system should provide a sentiment analysis tool for entered keywords or hashtags.	Low	Sprint-2
Business User	Create custom dashboards for social media KPIs.	USN-3	As a business user, I want to create custom dashboards in IBM Cognos that display key performance indicators (KPIs) for our social media marketing campaigns.	The system should provide a dashboard creation tool within IBM Cognos.	High	Sprint-1
Data Analyst	Access demographic data for Twitter users.	USN-4	As a data analyst, I want to access demographic data for Twitter users to analyze the demographics of our followers and audience.	The system should provide an interface to query and retrieve demographic data for Twitter users.	Medium	Sprint-1
Administrator	Schedule and automate data extraction and report generation.	USN-5	As an administrator, I want to schedule regular data extraction from Twitter and automate the generation of weekly reports and dashboards for our social media campaigns.	The system should provide a scheduling tool to set the frequency of data extraction.	Medium	Sprint-2