

Project Design Phase-II

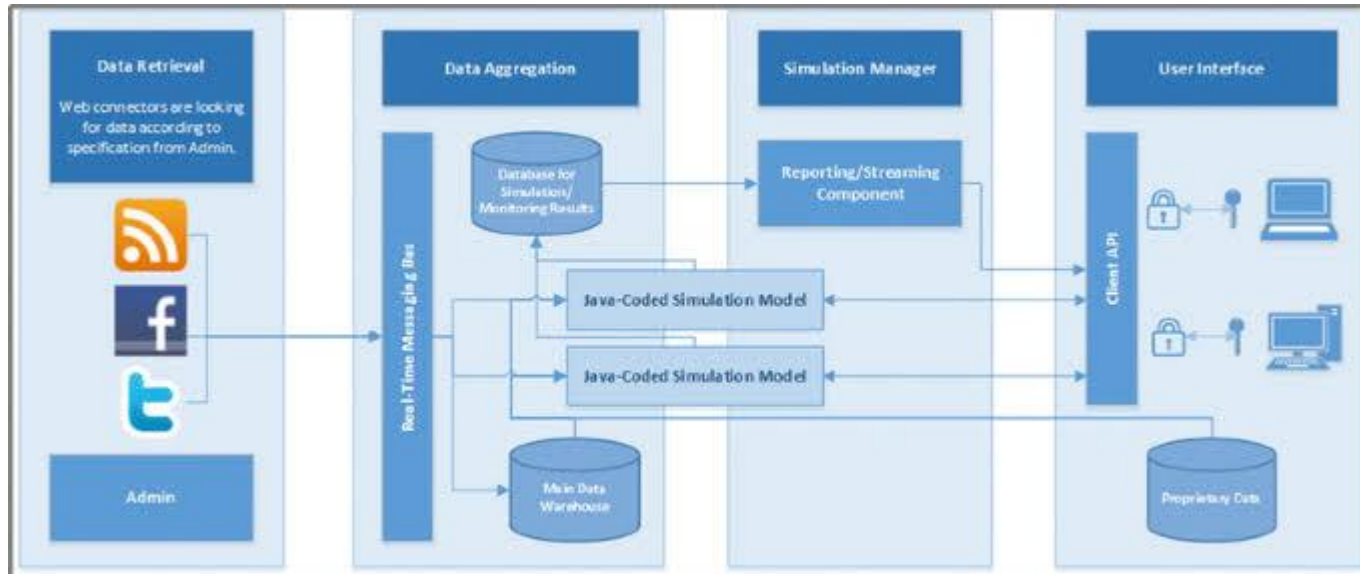
Data Flow Diagram & User Stories

Date	29 October 2023
Team ID	NM2023TMID03198
Project Name	Dissecting the Digital Landscape: A Comprehensive Analysis of Social Media
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: [\(Simplified\)](#)



Example: DFD Level 0

User Stories

listing 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)	Visual Representations	USN-1	Provide a user-friendly interface for researchers, analysts, and other users. Allow users to define and customize analysis tasks.	Projects and tasks can be edited or deleted by authorized users.	High	Sprint-1
	Findings and analysis	USN-2	Allow users to define and customize analysis tasks.	Changes to projects and tasks are reflected in real-time and accessible to the entire team.	High	Sprint-1
Marketing professional (Web user)	Identify new trending topics.	USN-3	Generate visualizations, including charts, graphs, and maps. Enable real-time or scheduled report generation.	Influencers are identified based on specified criteria (e.g., follower count, engagement).	High	Sprint-2
Social media analyst (Web user)	Data collecting and ingestion.	USN-4	Implement data collection from various social media platforms (e.g., Facebook, Twitter, Instagram).	Data from the specified Facebook page, including posts and comments, is collected.	High	Sprint-1
	Conduct comprehensive analysis.	USN-5	Provide APIs or connectors for data ingestion. Support data validation and cleansing.	The collected data is stored in the appropriate data store.	Low	Sprint-1