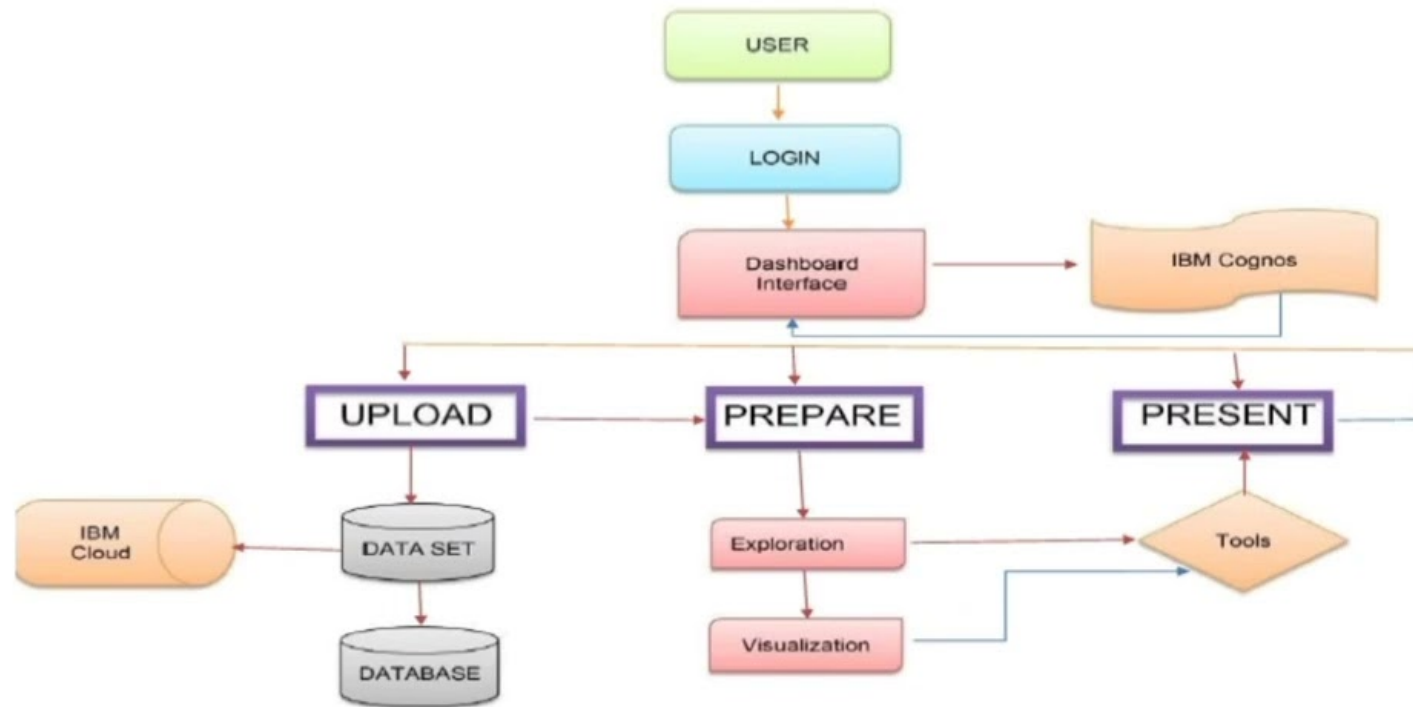


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	17 October 2023
Team ID	NM2023TMID09666
Project Name	Empowering The Future: A Literacy Rate Analysis For A Better Future Tomorrow
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
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	The data is presented in a format that is easily accessible for policymakers to reference and incorporate into decision-making processes.	High	Ayshwarya K
Social workers and counselors	Data Quality Assurance	USN-2	As a Data Analyst, I want to ensure that the collected literacy rate data is of high quality, so that our analysis and decision-making are based on accurate and reliable information."	The analysis includes insights on technological solutions that can enhance literacy development.	Medium	Neelaveni M A
Non - profit organizations and NGO's	Data Collection and Aggregation	USN-3	As a Data Collection Officer, I want to efficiently gather and aggregate literacy rate data from various sources, ensuring that our database is up-to-date and comprehensive.	The data is presented in a way that allows for easy integration into existing program planning and implementation.	High	Ayshwarya K
Students and learners	Geographical Analysis	USN-4	As a Geographical Analyst, I want to be able to analyze literacy rates on a regional level, so I can identify areas with the most pressing literacy challenges	Resources and tools provided are accessible, user-friendly, and cater to different learning styles and abilities.	Medium	Neelaveni M A

Parents and guardians	Historical Data Access	USN-5	As a Researcher, I want to access historical literacy rate data to study long-term trends, so I can contribute to a better understanding of literacy development	The program offers easily accessible resources and guides for parents to support their children's literacy development at home.	High	Ayshwarya K
Researchers and academics	Reporting and Dashboards	USN-6	As a Data Analyst, I want to create customized reports and dashboards to provide detailed insights into literacy rate data, so I can support evidence-based decision-making	The data is well-documented and sufficiently detailed to support further research and academic studies.	Medium	Neelaveni M A
Customer (Web user)	Grants and Funding Tracking	USN-7	As a Grant Manager, I want to record and track all incoming grant applications, so I can efficiently manage the application process	The data is presented in a way that allows for easy integration into existing program planning and implementation.	High	Ayshwarya K
Customer Care Executive	Feedback and Impact Assessment	USN-8	As a Program Evaluator, I want to collect feedback from program participants to assess the impact of our literacy programs, so I can make data-driven improvements.	They are invested in improving the overall well-being and educational outcomes of their community members.	Medium	Neelaveni M A
Administrator	Customizable Data Metrics	USN-9	As a Data Analyst, I want the ability to define and track custom literacy rate metrics that align with our organization's specific goals and objectives.	They are interested in the data and analysis to further study and understand literacy trends and the impact of interventions.	High	Ayshwarya K

