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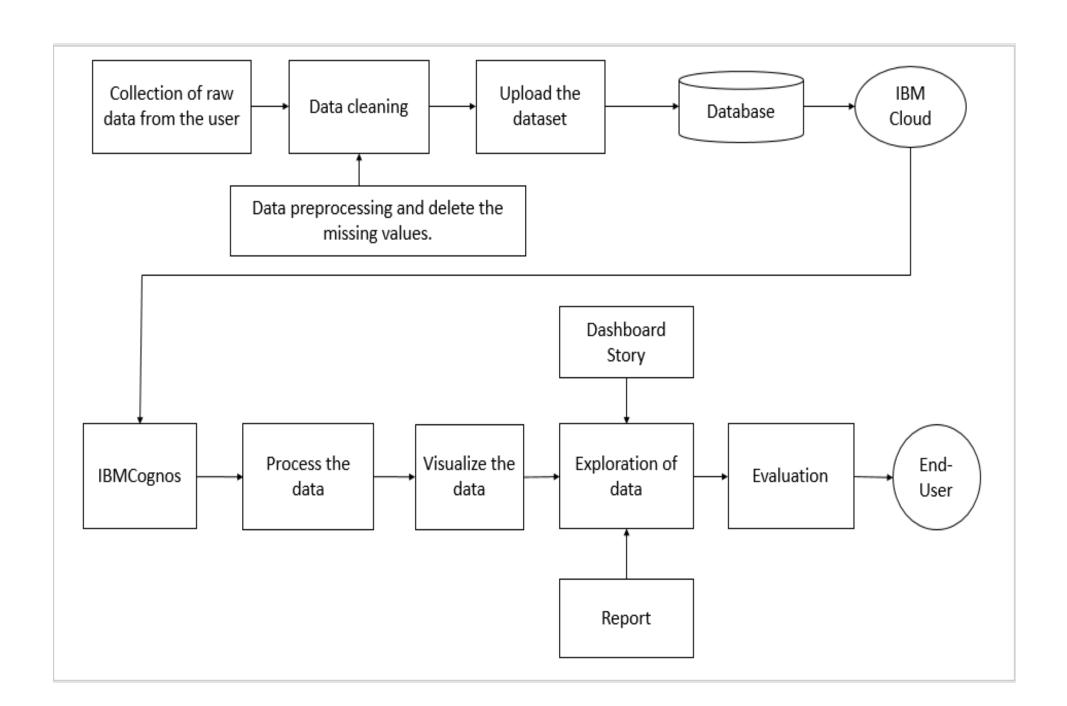**Data Flow Diagram & User Stories**

Date	17th October 2022
Team ID	PNT2022TMID51053
Project Name	Analytics for Hospital Health-Care Data
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.

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┌─────────────────┐     ┌──────────────┐     ┌──────────────┐     ┌──────────────┐     ┌──────────┐
│ Collection of raw│ ──> │ Data cleaning│ ──> │  Upload the  │ ──> │   Database   │ ──> │   IBM    │
│ data from the user│    │              │     │   dataset    │     │              │     │  Cloud   │
└─────────────────┘     └──────────────┘     └──────────────┘     └──────────────┘     └──────────┘
                               ▲
                        ┌──────────────────────────────┐
                        │ Data preprocessing and delete │
                        │      the missing values.      │
                        └──────────────────────────────┘


                                                    ┌──────────────┐
                                                    │  Dashboard   │
                                                    │    Story     │
                                                    └──────────────┘
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                                                           ▼
┌──────────┐     ┌──────────┐     ┌──────────┐     ┌──────────────┐     ┌──────────┐     ┌──────────┐
│ IBMCognos│ ──> │Process the│ ──> │Visualize the│ ──> │Exploration of│ ──> │Evaluation│ ──> │  End-    │
│          │     │   data    │     │    data    │     │     data     │     │          │     │  User    │
└──────────┘     └──────────┘     └──────────┘     └──────────────┘     └──────────┘     └──────────┘
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                                                    │    Report    │
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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	Registration	USN-1	As a health care provider I can create account in IBM cloud and the data are collected.	I can create an account and collect data.	High	Sprint-1
		USN-2	As a health care provider all the data that are collected is cleaned and uploaded in the database or IBM cloud.	I can access the cleaned and uploaded data.	Low	Sprint-2
	Login	USN-3	As a health care provider I can log into the dashboard by entering email & password	I can login to the account in my email login.	High	Sprint-2
	Dashboard	USN-4	As a health care provider I can use my account in my dashboard for uploading dataset.	I can login to the account for uploading dataset.	Medium	Sprint-3
Customer (Web user)	Website	USN-5	As a health care provider I can create the database and process the data.	I can create the database and process the data.	Medium	Sprint-3
Visualization	Dashboard	USN-6	As a health care provider I can prepare data for Visualization.	I can prepare data for Visualization.	High	Sprint-3
Presentation	Dashboard	USN-7	As a health care provider I can Present data in my dashboard.	I can present data by using my account in dashboard.	High	Sprint-4
Exploration	Dashboard	USN-8	As a health care provider I can explore Dashboard Story and Report.	I can explore dashboard story and report.	High	Sprint-4