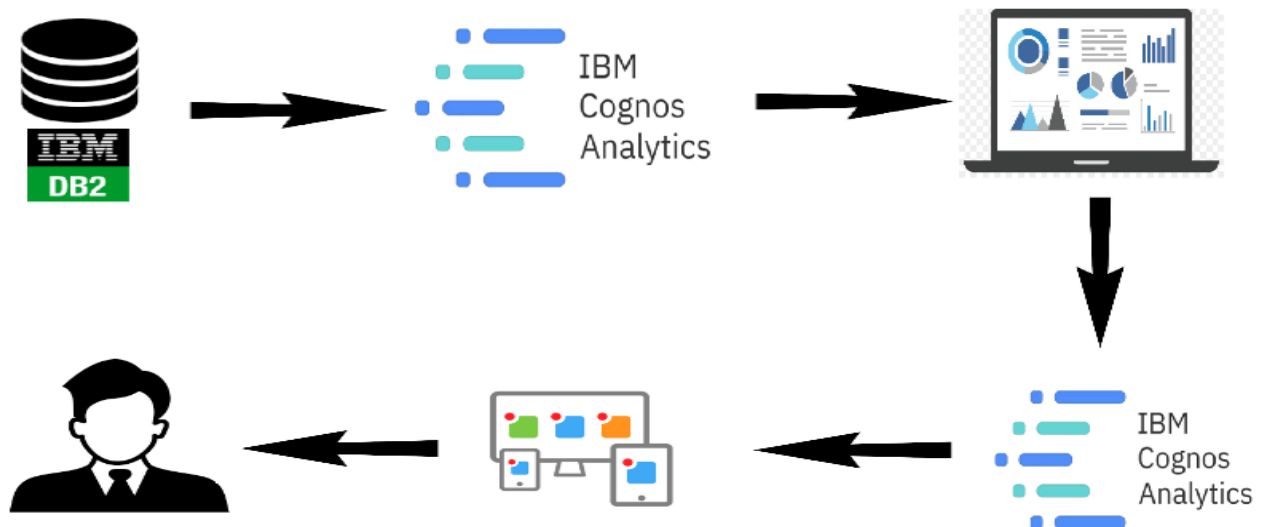


Project Design Phase-II Data Flow Diagram & User Stories

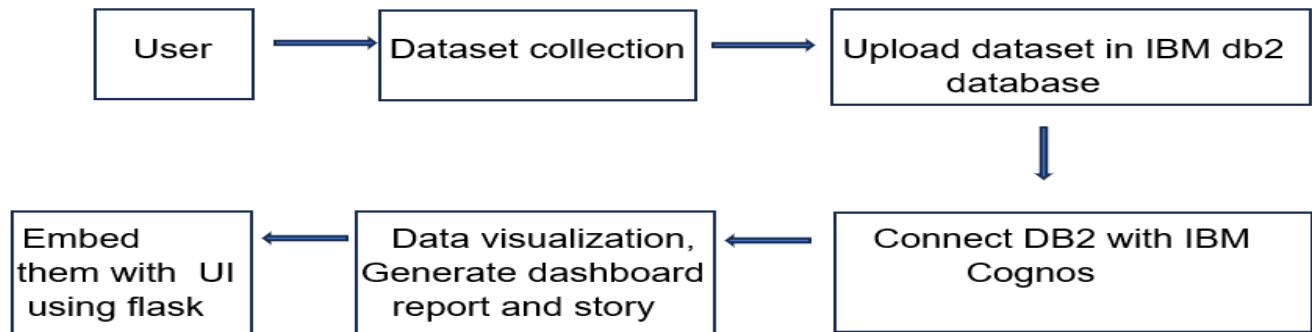
Date	
Team ID	NM2023TMID03215
Project Name	Unleashing the Potential of Our Youth: A Student Performance Analysis
Maximum Marks	4 Marks

FLOW



1. User configures credentials for the IBM cognos analytics and IBM cloud understanding services and starts the app.
2. User first collects the data and store the data in database(db2)
3. User connects the database(db2) from ibm cloud with ibm analytics to establish the data server connection
4. User then filter the dataset and create a new datamodule
5. User then create a visualization for the data module
6. Then the user creates the dashboard , generate story and report for the data module
7. Then the dashboard , story and report is embed with User Interface using Flask

DFD Level 0 :



USER STORIES :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Teacher	Login	USN - 1	As a Teacher, I want to upload student attendance records , so I can track attendance over time	I can access my account/ dashboard	High	1.0
Principal	Login	USN - 2	I want to view student performance reports by class, so I can make data -driven decisions.	I can access my account/ dashboard	High	1.0
Student	Registration	USN - 3	I want to access my personal performance data, so I can track my progress.	I can register and access the account	Medium	1.1
Parent	Registration	USN - 4	I want to receive notifications when my child's attendance falls below a certain threshold	I can register and access the account	Medium	1.1
Teacher	Login	USN - 5	I want to input and update student's grade for assignment and exams , so I can track their progress	I can access the account	High	1.2