Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	03 11 2022
Team ID	PNT2022TMID37921
Project Name	Project – Global sales data analytics
Maximum Marks	4 Marks

Technical Architecture:

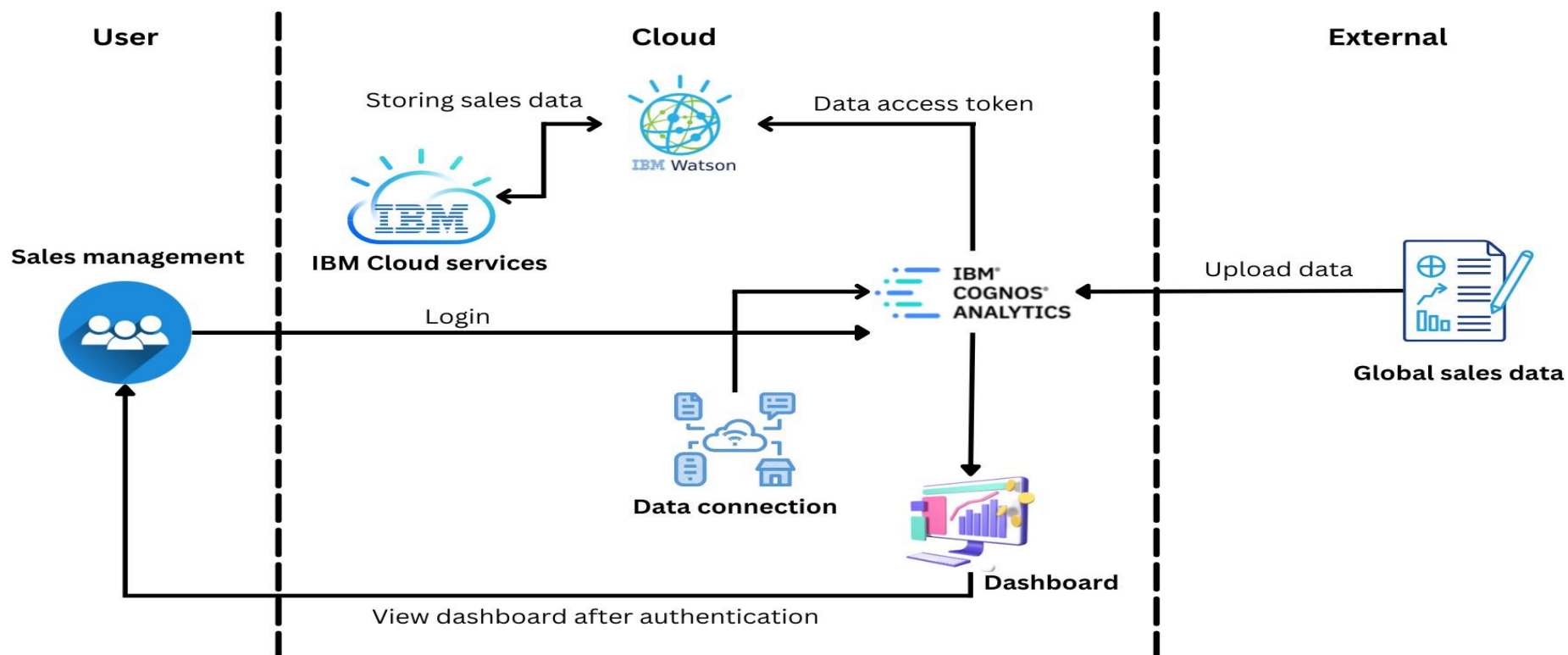The Deliverable shall include the architectural diagram as below and the information as per the table1 & table2

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	user interacts with application or web	IBM Cognos analytics
2.	Dataset	Global sales dataset is uploaded	
3.	Working with the dataset	Cleaning, extracting process is done with thedataset.	IBM Cognos analytics with Watson
4.	Data exploration	Information in the data is identified according to the requirements	IBM Cognos analytics
5.	Data visualization	Various data are represented in charts, graphsaccording to need of the customers.	
6.	Data demonstration (results)	The charts, graphs are represented to customersthrough dashboards, story, and report.	IBM Cognos analytics with Watson
7.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant
8.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	IBM Cognos
2.	Security Implementations	Secure storage and access of information	Active directory
3.	Scalable Architecture	Support different in data size	IBM cloud
4.	Availability	Multiple reports are viewed ignoring the platformand specifications	IBM cloud
5.	Performance	Large amount of information can be processed	IBM Cognos analytics with Watson