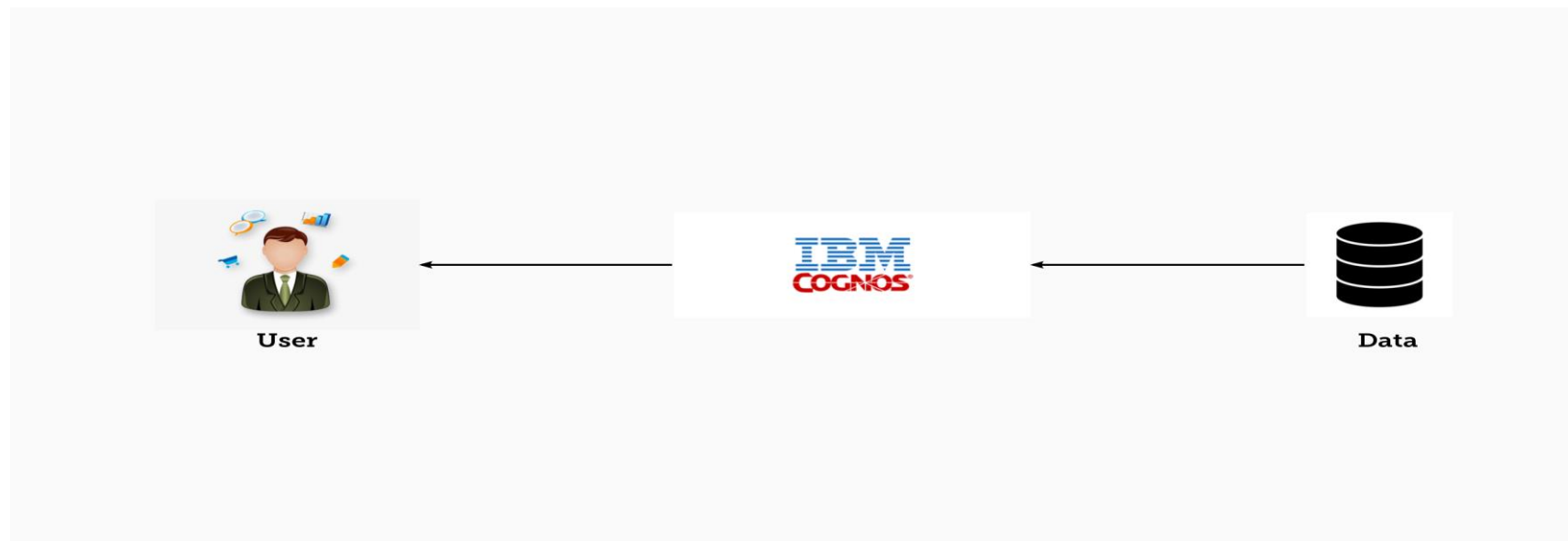


**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Team ID	PNT2022TMID22602
Project Name	Global Sales Data Analytics
Maximum Marks	4 Marks

**Technical Architecture:**



**Technologies and Phases:**

S.No	Phases	Description	Technologies
1.	Interface	Designing user interaction phase for application e.g.Web UI, Mobile App, Chatbot etc.	IBM Cognos
2.	Storage (Cloud)	Uploading customer sales data in cloud through interface.	IBM Cloud
3.	Working with dataset	Uploading and processing the dataset.	IBM Cognos + IBM Cloud
4.	Data Exploration	Uploading the dataset for analysing the data	IBM Cognos
5.	Data Visualization	Different visualization charts are created according to customer requirements.	IBM Cognos Dashboard
6.	Cloud Database	Working with the Database Service with Cloud	IBM DB2, IBM Cloudant etc.
7.	View	User has to login to view visualization charts for the uploaded dataset.	IBM Cognos Dashboard

**Table-2: Application Characteristics:**

<b>S.No</b>	<b>Characteristics</b>	<b>Description</b>	<b>Technology</b>
1.	Open-Source Frameworks	List the open-source frameworks used	IBM Cognos, IBM Cloud
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	Active directory
3.	Scalable Architecture	Justify the scalability of architecture	Web 3.0 IBM Cloud.
4.	Availability	Ability to create complex, multi-page layouts using different data sources. High performance data access across all sources.	Cognos Business Intelligence Server.
5.	Performance	Design consideration for the performance of the application	Performance management hub.