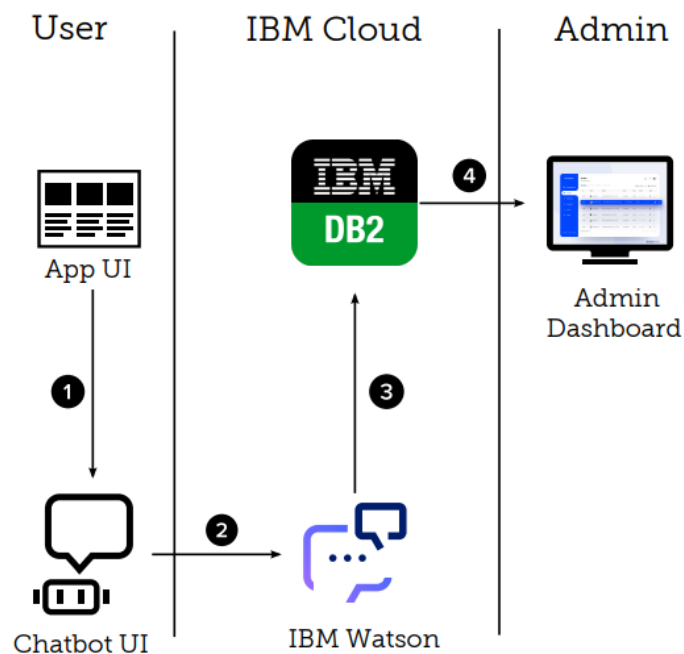


Project Design Phase-II Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNT2022TMID37167
Project Name	Project – Smart Fashion Recommender Application
Maximum Marks	4 Marks

Technical Architecture:



1. User view all Products in home page and also Chatbot UI
2. User enter the required data to chatbot for product recommendation.
3. After get recommendation, User purchase the Recommended product and then order details add to Database (IBM DB2).
4. Admin view all the Orders in Admin dashboard.

Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Fashion Store website	HTML and CSS
2.	Application Logic-1	Chatbot UI	HTML and CSS
3.	Application Logic-2	Product Recommendation	IBM Watson Assistant
4.	Application Logic-3	Order list in admin dashboard	IBM DB2
5.	Cloud Database	Database Service on Cloud	IBM DB2
6.	File Storage	File storage requirements	IBM object Storage
7.	Infrastructure (Server / Cloud)	Application Deployment	Local, Cloud Foundry, Kubernetes, etc.

Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask	Python
2.	Security Implementations	Encryption and Decryption	SHA-256
3.	Scalable Architecture	Cloud Technology	IBM Cloud
4.	Availability	24/7	IBM Cloud
5.	Performance	2000 request per day	IBM Watson