

Project Design Phase II

Technology Stack (Architecture & Stack)

Date	11 October 2022
Team ID	PNT2022TMID37394
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

Technical Architecture

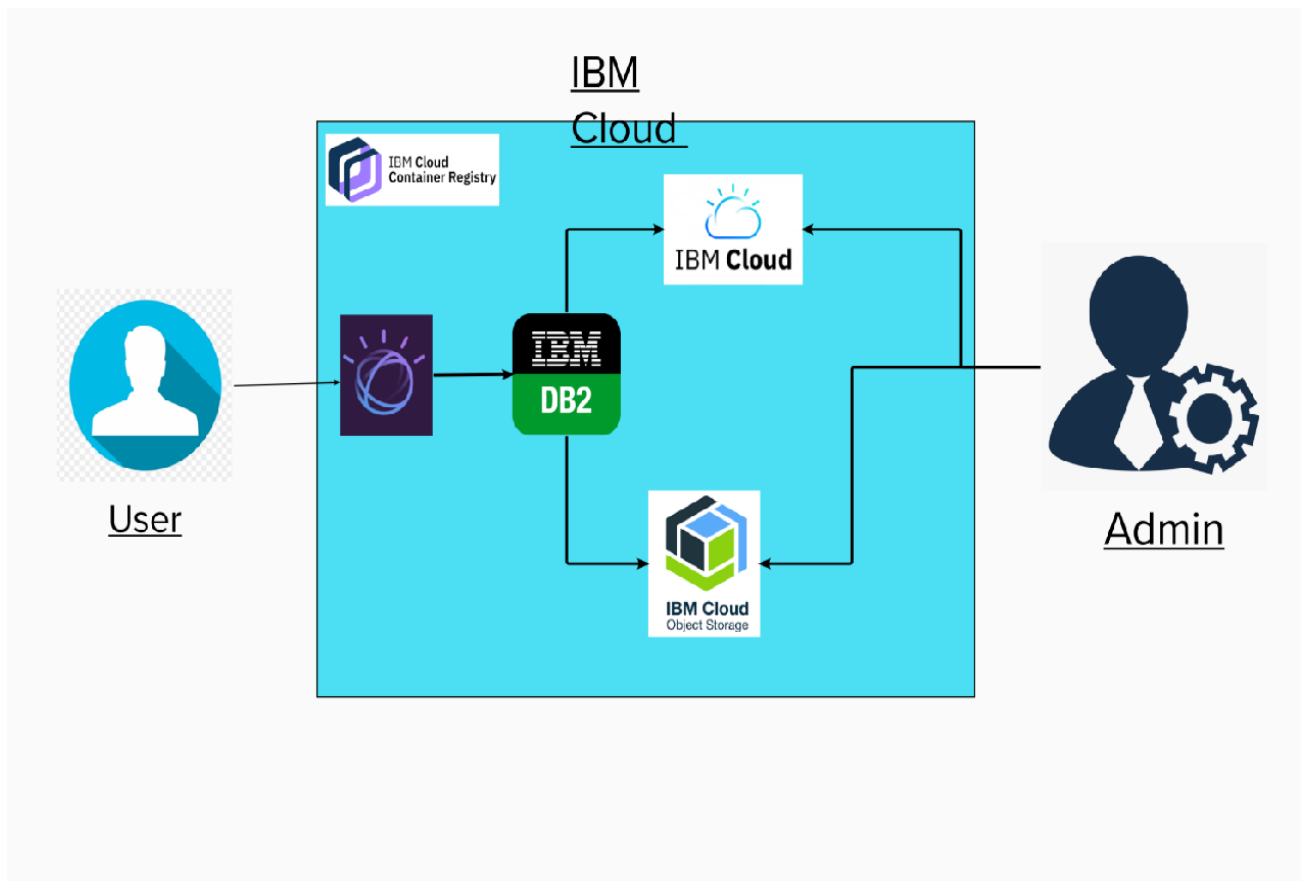


Table-1 : Components & Technologies :

S.No.	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI,Mobile App,Chatbot etc.	HTML,CSS,JavaScript
2.	Application logo-1	Logic for a process in the application	Python
3.	Application logo-2	Logic for a process in the application	IBM Watson STT service
4.	Application logo-3	Logic for a process in the application	IBM Watson Assistant
5.	Database	Data type Configuration etc	MySQL
6.	Cloud Database	Database Service on Cloud	IBM DB2
7.	File Storage	File storage requirements	IBM Block Storage
8.	Infrastructure(Server / Cloud)	Application Deployment on Cloud Server Configuration:Db2/python	Kubernetes

Table-2: Application Characteristics:

S No.	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask	Python
2.	encryption hashing and salting	Encryption hashing and salting.	Encryptions
3.	Scalable Architecture	Getting resource to different parts of the system that need it.	Microservices Architecture
4.	Availability	The Application available 24/7	IBM Cloud
5.	Performance	1000 request per day	IBM Waston