

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

Date	03 October 2022
Team ID	PNT2022TMID47819
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

Technical Architecture:

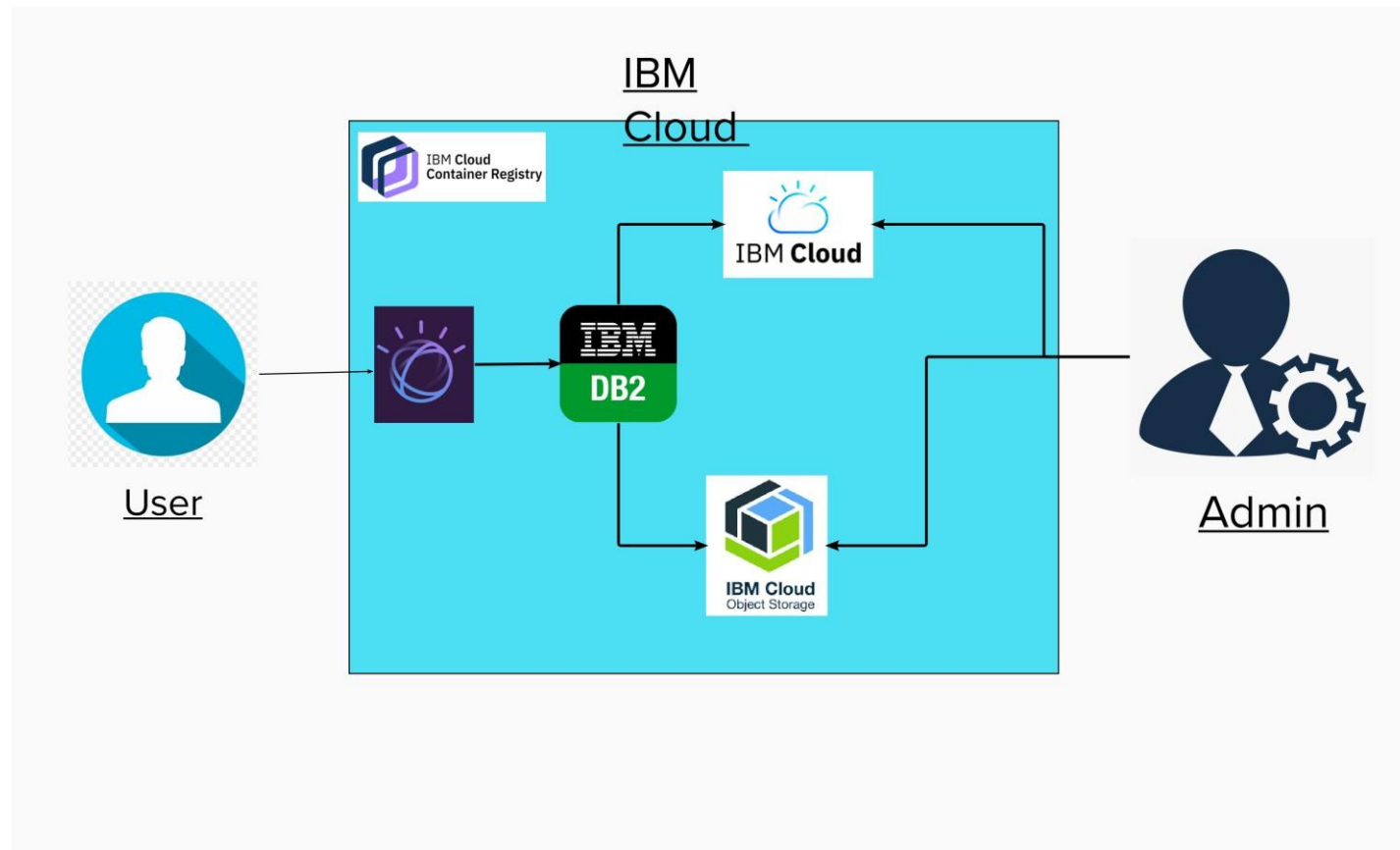


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Interaction of user with the application e.g.Web User Interface, Mobile Application, Chabot etc.	HTML, CSS, JavaScript
2.	Application Logic-1	Process/function of application based on the logic	Python
3.	Application Logic-2	Process/function of application based on the logic	IBM Watson STT service
4.	Application Logic-3	Process/function of application based on the logic	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL
6.	Cloud Database	Database Service on Cloud for the application	IBM DB2
7.	File Storage	File storage requirements	IBM Block Storage
8.	Infrastructure (Server / Cloud)	Application Deployment on Cloud 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 resources to different parts of the system that need it	Micro services Architecture
4.	Availability	The Application available 24/7	IBM Cloud
5.	Performance	1000 request per day	IBM Watson