

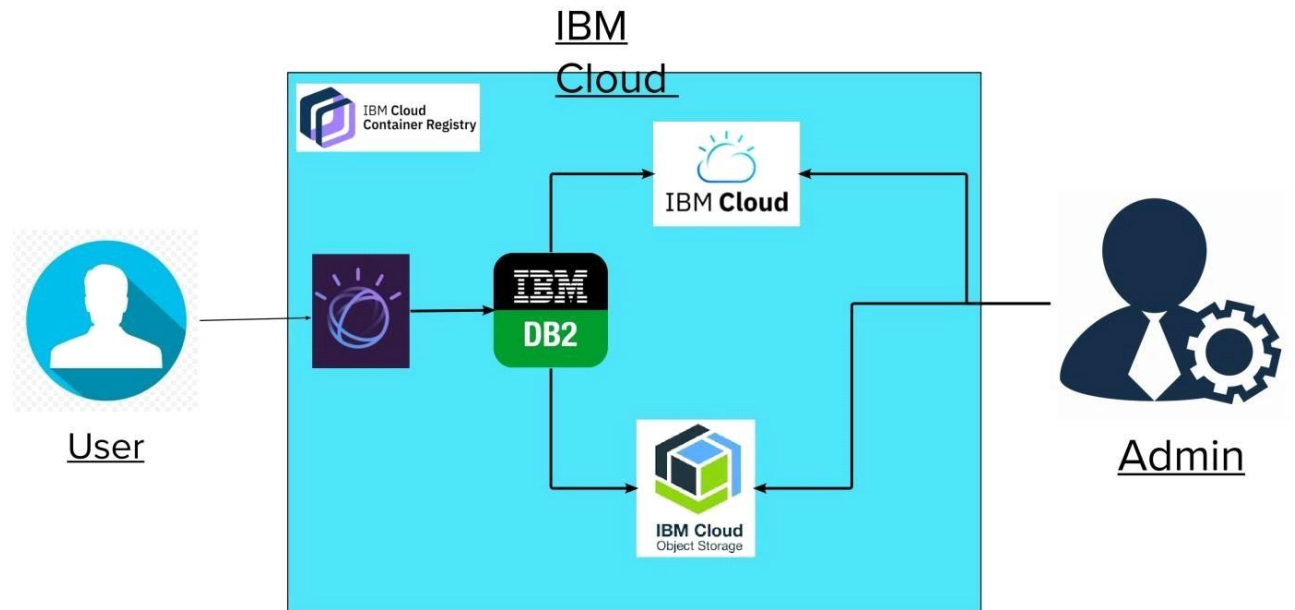
**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Date	11 November 2022
Team ID	PNT2022TMID46608
Project Name	Smart fashion Recommender Application

**Technical Architecture:**

S.No	Component	Description	Technology
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•	User Interface	How user interacts with application e.g. Web	HTML, CSS, JavaScript
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**Table-1 : Components & Technologies:**

		UI, Mobile App, Chatbot etc.	
•	Application Logic-1	Logic for a process in the application	Python - Flask
•	Email Service	For verify user and mail ads	SendGrid
•	Chatbot	Get details from user and store	IBM Watson Assistant
•	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
•	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
•	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
•	Infrastructure (Server / Cloud)	Application Deployment on Cloud System	Docker, Cloud Foundry, Kubernetes, etc.

**Table-2: Application Characteristics:**

<b>S.No</b>	<b>Characteristics</b>	<b>Description</b>	<b>Technology</b>
•	Open-Source Frameworks	Flask	Python
•	encryption hashing and salting	Encryption hashing and salting	Encryptions
•	Scalable Architecture	Getting resources to different parts of the system that need it	Microservices Architecture
•	Availability	The Application available 24/7	IBM Cloud
•	Performance	1000 request per day	IBM Watson