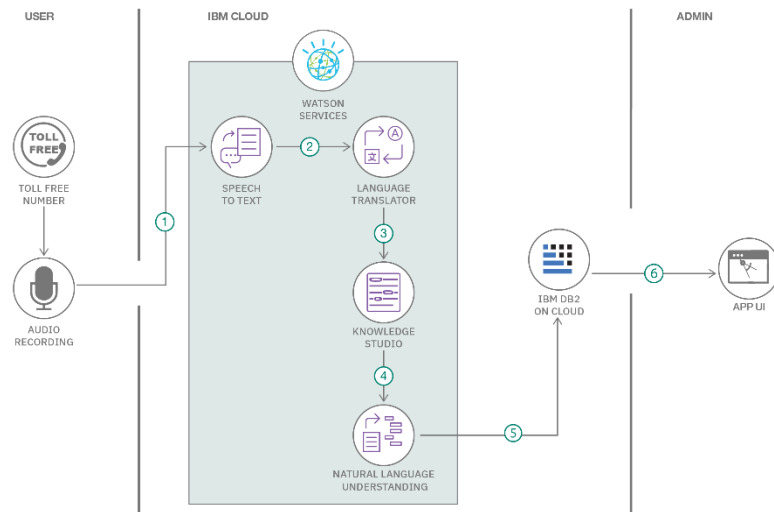


Project Design Phase-II Technology Stack (Architecture & Stack)

Date	03October 2022
Team ID	PNT2022TMID45311
Project Name	Smart Fashion Recommended Application
Maximum Marks	4 Marks

Technical Architecture:

Example: Order processing during pandemics for offline mode



Guidelines:

1. User can be filter the product by using Watson Assistant Chabot.
2. Cloud infrastructure is can be broad and complex. The local at which the public switched the private network of the customer.
3. External interfaces are third party API(website login to log in your users).
4. The Recent Search Item will be Add on the Kart when it is Offline Mode
5. Files and Documents are Recorded Digitally and saved in a storage System For future use

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Mobile App	HTML, CSS, JavaScript
2.	Application view	Internet and mobile	Java / Python
3.	ChatBot service	Basic Knowledge	IBM Watson STT service
4.	ChatBot interact	Communicate knowledge	IBM Watson Assistant
5.	Database	Store data	IBM Cloud
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloud etc.
7.	File Storage	Cloud	IBM Block Storage or Other Storage Service or Local Filesystem

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Open-Source Framework for Development	React JS
2.	Security Implementations	Secure the User IP Address	Cross Site scripting/SQL Injection
3.	Scalable Architecture	Scalable Architecture has 3 Tier	Client, JSON, Repository, DB
4.	Availability	Internet	Device, Internet ,
5.	Performance	5assets for 50ms	CDN

References:

<https://emerj.com/ai-application-comparisons/recommendation-engines-for-fashion-6-current-applications/>

<https://thecleverprogrammer.com/2020/08/16/fashion-recommendation-system/>

