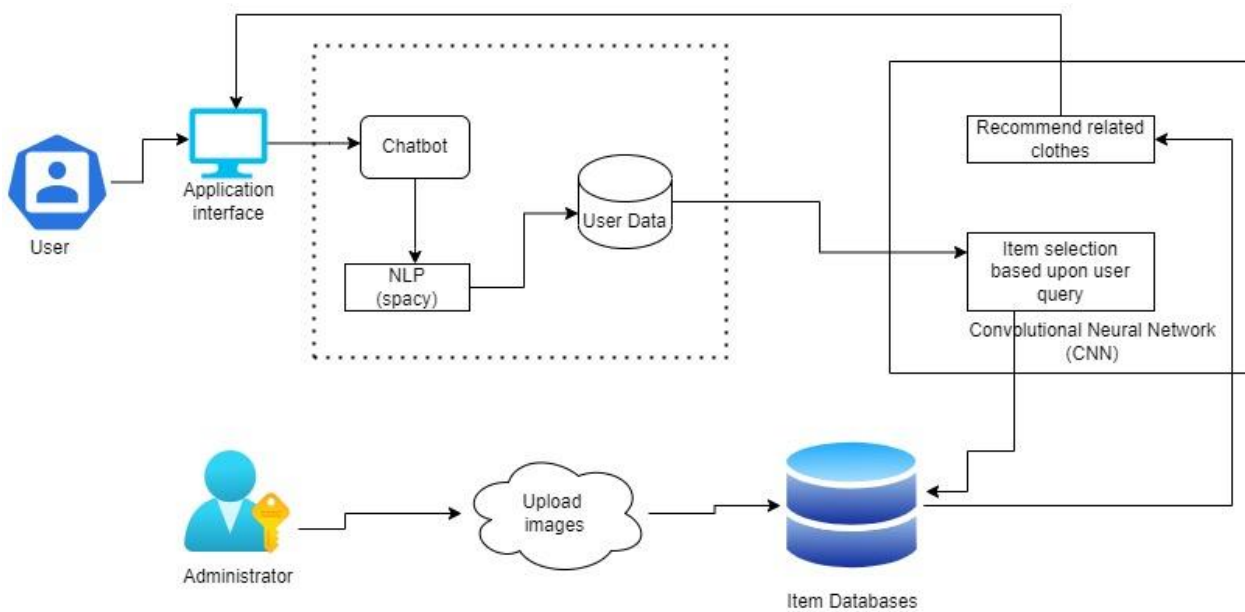


## Project Design Phase -2

### Technology Stack

Date	03/10/2022
Team ID	PNT2022TMID34950
Project Name	Technology Stack
Max Marks	4 Marks

### Technical Architecture:



**Table 1:Components & Technologies:**

S.No	Component	Description	Technology
1	User Interface	User interacts with chatbot	HTML
2	Object Structures	It contains XML or JSON message.	Python
3	GPFS,RSCT	Packaged use of cluster file system.	IBM DB2
4	NLP	Translate user native language into machine readable one	Watson Assistant
5	Database	Data Type,Configuration	DB2
6	Cloud Database	Database Service on Cloud	IBM DB2
7	File Storage	File Storage requirements	Block Storage
8	Machine Learning	Access Reinforcement Learning	TensorFlow

**Table 2:Application Characteristics:**

S.No	Characteristics	Description	Technology
1	Open Source Frameworks	Flask	Python
2	Encryption hashing and salting	Encryption hashing and staffing	Encryption
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
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