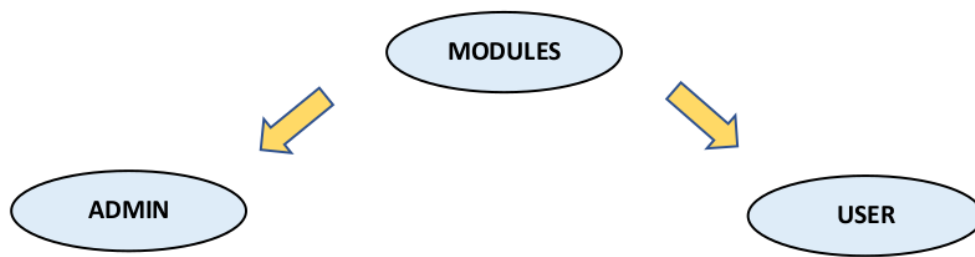


**Project Design Phase-I**  
**Solution Architecture**

Date	16 October 2022
Team ID	PNT2022TMID06745
Project Name	SMART FASHION RECOMMENDER APPLICATION
Maximum Marks	4 Marks

**Solution Architecture:**

We have developed a new innovative solution through which you can directly do your online shopping based on your choice without any search. It can be done by using the chatbot. In this project will be working on two modules :



**Admin :**

The user will log in to the website and browse the things that are offered there. The consumer can speak directly to the IBM Watson about the products rather than going through multiple screens to make a purchase online. Obtain suggestions based on the data the user has provided.

**User :**

The administrator's job is to look over the stock database and keep tabs on anything that people are buying. The admin can manage the data maintenance and queries from customer and review these process and response it.

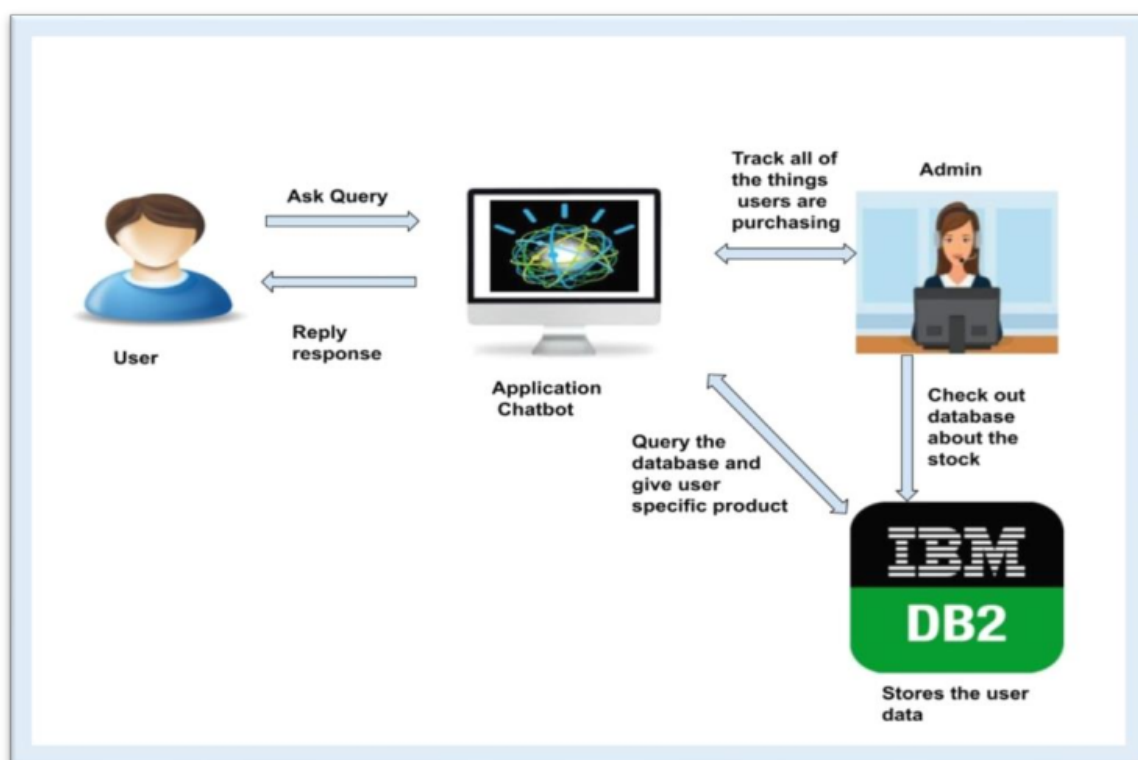
**Database :**

In the IBM DB2 database, chatbot will keep track of customer information and orders. Whenever Customers access Our Chatbot , IBM database automatically saves their performance like Viewing Dress collection and placing Orders.

### Existing Problem With Solution:

Instead of searching for products in the search bar and navigating to individual products to find required preferences, this project leverages the use of chatbots to gather all required preferences and recommend products to the user. The solution is implemented in such a way as to improve the interactivity between customers and applications. The chatbot sends messages periodically to notify offers and preferences. For security concerns, this application uses a token to authenticate and authorise users securely. The token has encoded user id and role. Based on the encoded information, access to the resources is restricted to specific users.

### Example - Solution Architecture Diagram :



### ADMIN ARCHITECTURE:



## USER ARCHITECTURE:

