

# PROBLEM SOLUTION

## PROBLEM STATEMENT :

Nowadays, The peoples doesn't like to search and buy the products because when they search, They only get the products related to the input keyword. They want a Recommender System which provide the user with more related products based on the user's input but in most of the fashion Store website doesn't have good recommender system.

## SOLUTION :

The Chatbot will be a added to the Fashion store website. With help of the Chatbot, the user can enter their input(i.e "Green colour Shirt", "brown pant","latest fashion",etc..). Then, the Chatbot will check the database with user's input and also check all other product related to the user's input. After this process, the Chatbot will show the all related products which will be more related to user's input. The user can add the product to cart and also the user can add more input to the already recommended product result in order to get more related product recommendation.

## **UNIQUENESS :**

The Chatbot will provide the user with all result to the input and also show the other products which are related to that input.

Example:

- If the user entered the input = "Green Shirt".
- The Chatbot will show all the green Shirt and also show the suggestion set={"Black Pant", "Brown Pant", "Grey Pant", "White shoes", "Green Shoes"}.
- These Suggestion set is set which contain all the products related to the input.
- Black pant is good match for green shirt. So, It is added to the Suggestion set.

## **SOCIAL IMPACT :**

This Solution will help the peoples to reduce their time to search all the product one by one. The user will also get all related product to their inputs.

## **BUSINESS MODEL :**

- The Recommendation based on the Solution set will attract the user with all other related products and it will increase the chance of make the user to buy more products.

- The Orders will be added to the orders database which will be access by admin.

**SCALABLITY :**

This Project is highly scalable when the customer count increase. For increase the scalability of this project, the Database and Server have to be upgraded.