

# PROBLEM SOLUTION

TEAM ID : PNT2022TMID37167

PROJECT NAME : SMART FASHION RECOMMENDER APPLICATION

## PROBLEM STATEMENT:

In most of the online fashion store, the recommendation systems are just recommending the user with one type of the product related to search keyword. To enhance the recommendation, the recommender system should also recommend all other type products which are related to that keyword.

## SOLUTION:

In Fashion store website, Chatbot will be added. With help of the Chatbot, the user can enter their input (i.e. "Green color Shirt", "brown pant", "latest fashion"). Then, the Chatbot will check the database with user's input and also check all other type product related to the user's input. After this process, the Chatbot will show 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 type of products related to the input which the user entered.

### 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"}.
- The Suggestion set contains all the products related to the input.

## SOCIAL IMPACT:

This Solution will help the user with all other type product related to user's wanted product. This will eliminate the process searching the product one by one.

## BUSINESS MODEL:

This project will attract the user with all other type of products which are related to the user's input which will **increase the sales**.

## SCALABILITY:

This Project is highly scalable because it will be implemented in cloud technology.