

## IDEATION PHASE

### LITERATURE SURVEY

Date	01 September 2022
Team ID	PNT2022TMID54054
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

#### Literature Survey: 1

NAME OF THE JOURNAL

: Fashion recommendation reflected individual's preferred style

AUTHOR / PUBLISHER

: Lieberman H and Lam F

YEAR OF PUBLICATION

: 2021

#### INFERENCE REVIEW:

The purpose of the author is to develop a system which outputs outfit images with partially modified outfit of the input image according to the user's preferred style. The author creates the user's original dataset to learn the user's preference in advance by asking the user to classify a group of images into 4 styles. So, he conducted an evaluation experiment of our system to confirm that our system reflects the user's individual preference. As a result of the evaluation -experiment, it was confirmed that the same image was recommended as different styles for different users, and that the users also thought that the recommended style matched the current style of the user's classification of the style.

## Literature Survey: 2

**NAME OF THE JOURNAL** : Product Recommender Chatbot

**AUTHOR / PUBLISHER** : Neera Sanjay Agashe

**YEAR OF PUBLICATION** : 2021

### INFERENCE REVIEW:

This research will recommend the perfumes according to customers moods, likings, etc. Customer just must write description of perfume which he/she wants to buy. This system tries to recognize customers behavior and then recommend the products according to their interest. Each shopping website has their own way of recommending products and follow different recommender system.

## Literature Survey: 3

**NAME OF THE JOURNAL** : An Intelligent Personalized Fashion Recommendation System

**AUTHOR / PUBLISHER** : Cristiana Stan & Irina Mocanu

**YEAR OF PUBLICATION** : 2019

### INFERENCE REVIEW:

Creating an outfit is a problem that is based on the preferences of each person, and it can be difficult even for the best experts. This paper presents an automated system that can recommend a full outfit based on a cloth item considering also user's preference. Two convolutional neural networks based on the AlexNet model are used to identify cloth items and attributes associated with each item. After that, two types of scores are used in order to evaluate the user's preference for combination of different items, that are continuously updated in order to obtain recommendations that are more suitable for each user

## Literature Survey: 4

**NAME OF THE JOURNAL** : Fashion image retrieval

**AUTHOR / PUBLISHER** : Sun, G-L. Wu.X, Peng.Q

**YEAR OF PUBLICATION** : 2016

### INFERENCE REVIEW:

Offers recommendation based on previous sales, clothes purchase records, eye movement records and item click rate. CNN can be used for feature extraction and image classification in conjunction with RNN, which helps in the retrieval of similar image products. We are getting the CNN module to use in our project completely detailed information compare products Recommendation. For Image classification we need to provide the RNN functionality to improve the chat bot recommendation. They use More logical way to implement the chat bot method.

## Literature Survey: 5

**NAME OF THE JOURNAL** : Clothing Fashion Style Recommendation System

**AUTHOR / PUBLISHER** : Wei Dai

**YEAR OF PUBLICATION** : 2015

### INFERENCE REVIEW:

This system suggests a framework that divides the system into three decoupled and autonomous components in order to provide a highly flexible and extensible system using SVM model. Then we describe an implementation of this framework on a Linux server. In this article we learn about that how to create fashion recommendation recommendations application through SVM for based on visual features, clothing attributes and occasions. Using the Apriori algorithm, We are planning to execute and ensure that recommended clothes are satisfying the requirement of wearing properly and aesthetically for every customer.