Project Design Phase-I
Solution Architecture
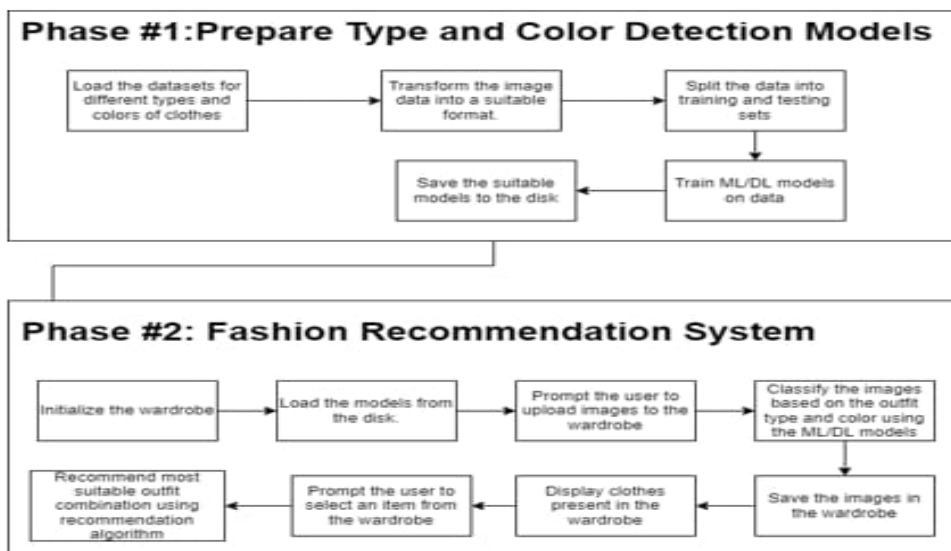
Date	19 September 2022
Team ID	PNT2022TMID34024
Project Name	Project - xxx
Maximum Marks	4 Marks

Solution Architecture:

Algorithm: After the detection of colour and type the outfit will be saved locally on the disk.After which the fashion recommendation algorithm is applied to the clothes in the wardrobe. The algorithm is as follows,

1.Declare and initialise an empty list res that will hold the result.

2.Initialize the value of max variable as a large negative number.

3.Load the fashion matrices for pants, shirt and pant,shoe colour combinations that have been created for different occasions.

4.Select the fashion matrix based on the occasion.

5.for i in pant colours available in the wardrobe:

Solution Architecture for fashion Recommendation System:

Reference:

Mohamed Elleuch, Anis Mezghani, Mariem Khemakhem, Monji Kherallah "Clothing Classification using Deep CNN Architecture based on Transfer Learning" ,2021 DOI:10.1007/978-3-030-49336-3_24