

Pocket Fashionista - A Complexion based Outfit Color Advisor

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Problem/Issue Discussion

Online portals do not facilitate suitable color combinations and contrasts

Complexion of models on e-commerce website do differ with the actual skin tone of the buyer resulting the product being returned back.

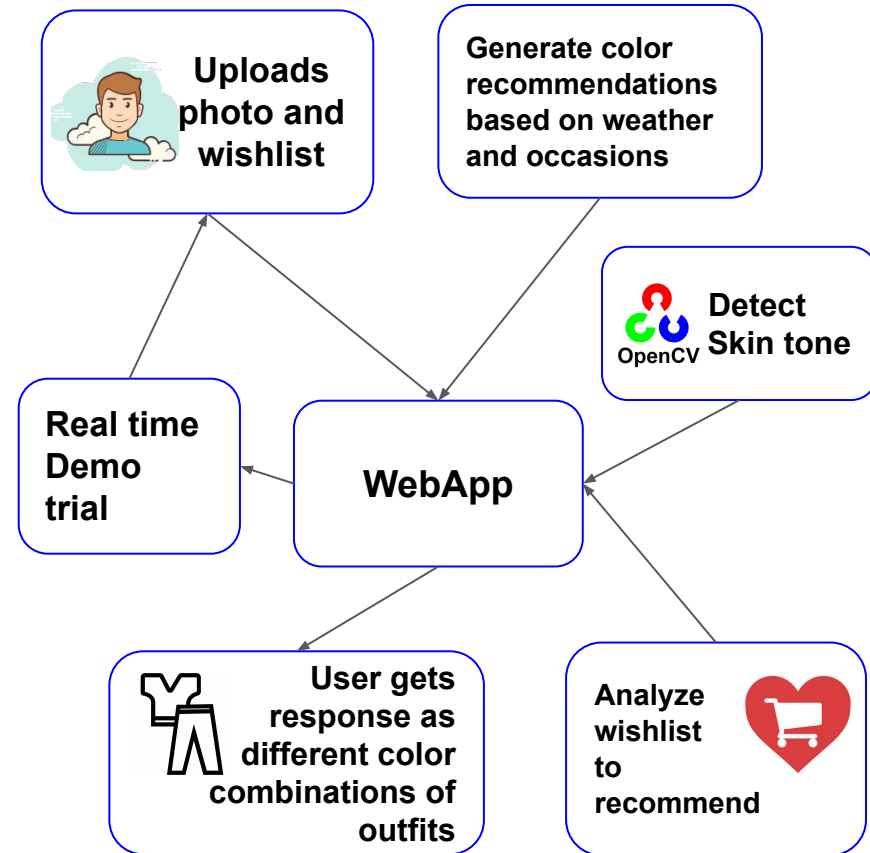
There is always a confusion about which coloured jeans will go on the top or vice versa

User keeps saving photos of fashion vloggers to know the color trend but is unable to find something suitable for himself/herself



Project Idea (Problem statement)

- People usually find it difficult to get the best clothing color combinations that suit their skin tone well and go well with the existing fashion trends.
- The aim is to develop a complexion based clothing color recommendation system that will help to choose the best possible clothes color combinations.
- It will also allow the users to virtually visualize how they will look in the recommended color combinations.
- The application will allow users to make best choices with their clothes color combinations and thus saving their time and energy in even trying out the clothes.
- Easy for merchants to master the real-time demand of consumers.



Tentative Work Plan

Complexion Detection

- The user will upload his/her picture.
- The system will classify the person's skin tone from the Indian skin tones meter.
- The skin complexion which best suits the user will be further used to determine the color combination of the clothes.

Reviewing User's Wishlist+Wardrobe

- The user's wishlist will now be checked.
- The color combination of shirt and pant that suits the most according to his/her skin tone will be recommended.
- The existing clothes in the wardrobe of the user can also be shuffled so as to give different combinations.

Occasional/Weather based recommendations

- According to the ongoing season the color combination of the clothes will be recommended that will best suit the weather-oriented trend.
- Recommendations will also be made based on the ongoing festive occasions and any event in the person's life.

Virtual Trial Demo

- Based on the recommended color combination of the clothes the user will get a demo trial on the prebuilt models or his own live picture.
- This way the user will be able to try out the suggested outfit without even trying it on.

References

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