**SMART FASHION RECOMMENDER APPLICATION**

**PROPOSED SOLUTION**

The proposed system aims to provide an interactive user platform wherein user can opt either to view their own personalized wardrobe or go for the fashion recommender feature. The wardrobe feature has a list of prior historic fashion items which were already liked by the user. The recommender, on the other hand produces effective recommendations to the query provided by the user in the form of text or image. The following actions are allowed by the user:

* Add, edit or delete the items in the personalized wardrobe
* Ask for recommendations through text or image
* Get their queries solved with the help of a chat bot

The behind-the-scene process in recommender begins with the work of an image classifier that identifies to which category in the training dataset, the corresponding product belongs to. The next step would be feature extraction which plays a major role in identifying the explicitly visible contents of the product. The system also sheds light on the implicit feature as the material cost, prehistoric comments and other peer reviews so as to suggest the one which would be more likely to be liked by the user.