

### Project proposal Planning:

a) The general problem and user needs your group would like to address

- not being able to decide what clothes to wear
- outfit repeating (shows you last date that you wore a specific outfit or article of clothing/accessory)
- being fashionable according to the current trends
- Picking an outfit according to the weather
- accidentally wearing the same item as a friend (sharing outfits on social media)
- not knowing what an outfit looks like on the user
- being able to share outfits before they are purchased and ask for feedback from friends (aka dressing room prototype pics)

b) Who are they potentially problems for

- anyone that has problems choosing clothes
- everyone (business man, young...etc)
- anyone who is concerned/conscious enough of what they wear

c) The situations in which these users have the problem/needs your group would like to address.

- not knowing what to wear for certain events
- deciding the outfit from the weather
- Forgetting which outfits you previously wore
- organizing their wardrobe
- showing your outfit on social media

## Project proposal:

Our group proposes to build an application aimed at clothing management. The application is targeted towards people who want a simple way to organize their clothes and deciding what outfit to wear for the day and/or events.

The primary function of the application will be to organize clothes and alleviate everyday problems such as choosing weather-appropriate clothing, avoiding outfit repetition, trying new combinations or reviewing past (favourite) outfits. Users can take photos of individual pieces of clothing and classify them. They will also be able to take pictures of their entire outfit and log them in their own private collection either passively (building up their collection one outfit at a time as they continue to use the app) or actively (batch logging multiple outfits at once, expanding their collection much faster). Logging an outfit can be simple or meticulous, from tagging only major articles of clothing, such as coats, tops and pants, to specifying even the smallest accessory in an ensemble. Each time an outfit is logged, the app may save additional data about local weather reports or the date the outfit is worn which can be displayed when browsing outfits in the future.

Aside from being an organizational tool, users will also be able to connect to social media platforms such as Facebook and Twitter, as well as the app's own follower-based system, to share their unique creations. Outfits, or even specific articles of clothing, can be shared between friends allowing users to receive comments and responses. This is a simple solution for users who may find difficulty in shopping alone. Simply upload a dressing room photo of the article in question and await feedback from followers of similar fashion taste. Users will also be able to browse through outfits that other users have made public or searching specific tags, exposing them to ideas that may help them choose outfits of their own by, for example, exploring confusing dress codes such as "smart casual" and "semi-formal".

As a casual clothing management tool, users may find this app helpful in deciding everyday wear. After logging enough outfit combinations, the app becomes more helpful in providing information for the user to decide what they could wear for the day. Asking the app for outfit suggestions will take into account the local weather and avoid outfit repeats that are timed too closely together, making choices that are weather-appropriate and also based on the user's own preference.