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EGCI 392 Mobile Programming

What is Popcorn+

Popcorn+ is an android application that recommends a list of movies to the users based on their taste. Popcorn+ is different than other movie review applications in the market because Popcorn+ only gives reviews to the user based on the review scores from the user's friend list. So the user can be sure that Popcorn+ recommendation list is reliable. Popcorn+ learns personality of its user from the similarity of pattern that the user, and friends give reviews to different type of movies.

Features of Popcorn+

As mentioned above, the primary feature of Popcorn+ is to recommend movies that user's friends have already seen, and sort them by giving scores based on the potential that the user would like each movie. Furthermore, Popcorn+ will give push notification to its users every time there are potential update on their recommended list; for example, when there is a newly added movie, or when more friends are giving new review to the movie that you have not seen. Popcorn+ can also add new friends by using ID provide in their profile page (this ID can be manually changed by the user). Oppositely, a friends can be removed from the user's friend list aa if the user feel that a particular friend is irrelevant to their movie recommended list.

Brief design note

Popcorn+ application tries to follow Google's material concept in order to minimize the time that its users require to adjust to the application. Popcorn+ use navigation drawer as the main section for the users to navigate through each fragment. Recommended movie list is present as card views therefore the users can easily navigate through each recommended item. In each card, there will be some basic information for a particular movie such as predicted rating, plot, and genre.

References

Cloud Messaging. (November 16, 2015). *Google Developer* . retrieved from <https://developers.google.com/cloud-messaging/>

Ng, Andrew. (n.d.) ML:Recommender Systems.*Coursera*. retrieved from https://share.coursera.org/wiki/index.php/ML:Recommender_Systems