Group Recommendation System

Tejas Santosh Satpute[1], Rohit Santosh Pahilwan[2], Shadab Haroon Momin[3], Abhishek Suresh Doiphade[4], Prof. V.R.Patil[5]
[1, 2, 3, 4, 5]Dept of Computer
[1, 2, 3, 4, 5]Bhivrabai Sawant Polytechnic, Waghli, Pune

I. INTRODUCTION

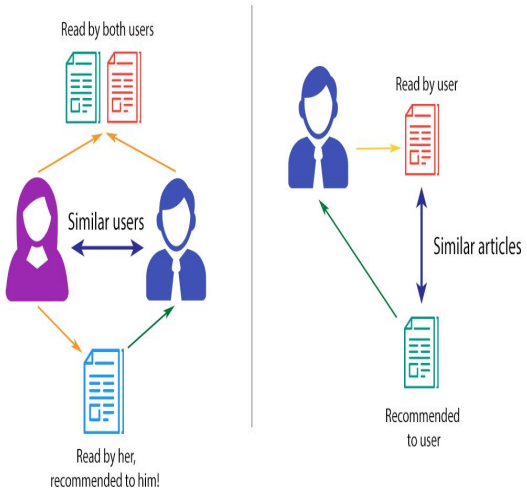
Recommender systems (RS) are information search tools that alleviate information overload by straightforwardly suggesting items that are likely to suit users' needs and preferences.

Types of recommendation systems

Content-based recommendations
Collaborative RS
Hybrid RS

Recommend groups similar to those users preferred in the past.User profiling is the key.Groups/content usually denoted by keywords.Matching "user preferences" with "group characteristics" works for textual information.Use other users recommendations (ratings) to judge group's utility.Key is to find users/user groups whose interests match with the current user.More users, more ratings: better results.Can account for groups dissimilar to the ones seen in the past too.

1. Subheading :(What is a Recommender System,Types of recommendation systems)
2. *SubSubheading : (Content-based recommendations,Collaborative RS,Hybrid RS)*
3. *FiguresandTables* (*Arial*, 11 Pts, Italic)



II. CONCLUSION& FUTURE SCOPE

We have presented the recommendation algorithm and the interaction design of a novel mobile GRS that supports group decision making by offering a group chat environment in which a number of recommendation functions are integrated. We have argued that to make a better decision in groups, a GRS should support the whole decision process, and in this system, we mainly focussed on supporting the discussion stage, where group members' preferences can be elicited and shaped.

REFERENCES

[1] Alfonseca, E., Carro, R.M., Martn, E., Ortigosa, A., Paredes, P.: The Impact of Learning Styles on Student Grouping for Collaborative Learning: A Case Study. UMUAI 16 (2006) 377-401
[2] Ardissono, L., Goy,A., Petrone, G., Segnan, M., Torasso, P.: Tailoring the Recommendation of Tourist Information to Heterogeneous User Groups. In S. Reich, M. Tzagarakis, P. De Bra (eds.), Hypermedia: Openness, Structural Awareness, and Adaptivity, InternationalWorkshops OHS-7, SC-3, and AH-3. Lecture Notes in Computer Science 2266, Springer Verlag, Berlin (2002) 280-295
[3] Asch,S.E.:Studies of independence and conformity: a minority of one against a unanimous majority. Pschol. Monogr. 70 (1956) 1-70 4. de Campos, L.M., Fernandez-Luna, J.M., Huete, J.F., Rueda-Morales, M.A.*: Managing uncertainty in group recommending*