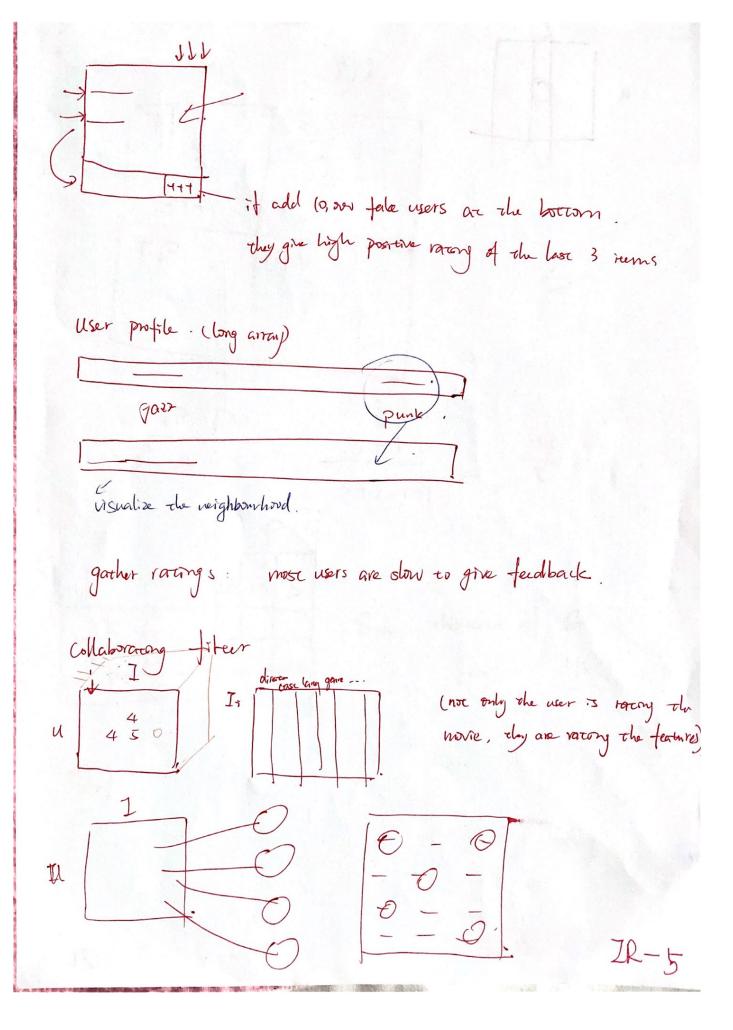
Collaborative Filtering take account of people recomandation. "month of words" 3 Sup 1. : can be done offine. (aie. once then our is periodically) User- irem I tems with the sales above tell us how similary each wer work each other Rearson Correlation $Wa, u = \frac{\sum (consider all items)}{\sum (consider all items)}$ I normalising by the num of the 3 (if the user's inverest is believer above the average) Us 3 1 5 + x + 7 7 3 only when two users disagree on - x - 1 warage scree, are got regarded to score U how to we choose users to make recommanda 1. thresholdi take values mes accounce and make recommandation ru,i - ru how far the range wooh everage score

I randomly picking nows and colums. choose rows a submortrix randomly and repeat in compare with r(u,i) to see how good we could predice there is the ten resulting de o recomendans

IR-3.

Graph decomposition, Uj Chistering users and icems and (pendes users and psudes teems soe) honese, reliable? If the paroducer of there item.



h ZR-6