# INFO 5612 Project Proposal

Fall 2023

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| Team name: | TBD |
| Student names: | Meysam Varasteh, Amanda Aird, and Paresha Farastu |
| Date: | 10/04/2023 |
| This is a revised proposal: | x No, original proposal 🞎 Yes, revised proposal |
| General area / topic: | Intersectional fairness |
| Data source (URL): | https://scholar.colorado.edu/catalog?f%5Bcontributor\_sim%5D%5B%5D=Kiva+Microloans&locale=en |
| Recommendation method(s): | BPR, maybe SLIM, reranking |
| Recommendation tools / platform, if using: | SCRUF and librec auto |
| References to scholarly papers  (Use scholar.google.com to find) | (1)  Aird, A., Farastu, P., Sun, J., Voida, A., Mattei, N., & Burke, R. (2023). Dynamic fairness-aware recommendation through multi-agent social choice. *arXiv preprint arXiv:2303.00968*. |
|  | (2)  Gohar, U., & Cheng, L. (2023). A Survey on Intersectional Fairness in Machine Learning: Notions, Mitigation, and Challenges. *arXiv preprint arXiv:2305.06969*. |
| Responsible recommendation aspect | 🞎 Security  🞎 Privacy  🞎 Transparency  x Fairness  🞎 Accountability  🞎 Other  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |