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CISC 3140

Application: Instagram

Instagram is an application that allows users to share photos and videos taken to their followers.

Task 1: Instagram newsfeed

- The newsfeed shows the user recent posts of other users that they might be interested in. Such as shared interests like books, sports, etc.
- Instagram machine learning uses the user's past behavior and the interaction they have with other accounts. This will allow the user to see posts that are related to their hobbies, likes and stuff they have shared.
- Looking at one profile randomly might result in the user's newsfeed showing stuff that the user dislikes.

Task 2: Instagram adding friend suggestions

- Instagram suggests users to add random people based on people that they might know or know.
- Code allows Instagram to import user's contacts to the Instagram server. This allows Instagram to find user's that have input their phone number to sync into their account. The user would receive their contact's profiles for them to add. This will lead to adding other user's that are friends with their contacts.
- User's not updating their old phone number to their new one will result showing unknown contacts that have their old number. This will cause the user to receive suggestions from people that they might not know.

Task 3: Instagram user location

- Instagram shares user's location when they post a photo on their profile.
- Code uses Google Maps and imports the data from Google Maps; for instance, the user's location, and then attaches the location data into the post. For example, taking a picture at the beach in Cancun, Mexico will show in the user's profile post that they are in Mexico.
- Sharing location data while not having location services on might be a problem with completing the task. Also, using a VPN on your phone or account will result in sharing a false location instead of your current one.