Overview of what we want to have completed:

At the end of Sprint 2 we would like to have a nearly fully functioning app that will be polished up in Sprint 3. We would like the app to be able to allow the user to upload their communication data which the app will then use as inputs into the algorithm to create the user’s ego network. For Sprint 2 we want the algorithm to be fully implemented into the app itself. We expect minor changes to the algorithm and app functionality in Sprint 3, but it should be mostly complete.

**Sprint 2 Demo Plan:**

* Section 1 Algorithm:
  + Show an example of a user’s downloaded Instagram data.
  + Run parser.py to show conversion to our custom data format.
  + Open algo\_weights.json to show and explain weights.
  + Run algoV2.py with custom data to show algorithm calculation.
  + Show resulting graphs in both linear and logarithmic scales.
  + Clarify that this is no longer done in python but simply provides a window into what is going on inside the app.
* Section 2 App:
  + Open iOS simulator and launch Flutter app.
  + Upload and link Instagram data.
  + Run algorithm on the uploaded data.
  + Dive into each level of the ego network by clicking on parts of the pyramid.
  + Show off screenshots of different user’s ego networks.

