Insta-Feed

Vision
Insta-Feed is a website that helps people manage the various social media sites they are a part of in a single convenient location by allowing users to access their feeds from multiple social media sites.

Social media has become a huge part of our life. Popular sites such as Facebook, Twitter, Linkedin and Instagram are accessed by millions of people every day with many people being active users of multiple of these sites. Our vision involves pulling all these resources together into a single application for convenient access. Rather than require people to access each website individually, our application will allow users to access all this information easily from a single place.

Minimum Viable Product
One single news feed that allows users to view their Facebook, Twitter, LinkedIn and Instagram news feeds. Users will make an account on our site and be able to store their login information to their social media sites they want to access. In addition to showing all the feeds, user can also filter feeds based on the social media sites.

Future Enhancements
- Once we have the framework in place, we can start adding support for more social media sites.
- Allow users to select a sub-set of social media sites they wish to view.
- Allow users to add multiple accounts for the same site and be able to view both feeds simultaneously.
- Select a friend and be able to view their activity from each site. Might require the user to identify which Facebook, Twitter, etc accounts belong to the same person.
- Add in more functionality these website's provide: Be able to send tweets from our app, update your status, post a picture to Instagram, be able to comment on a facebook status you read in your feed.
- Be able to use our application from a computer and phone [probably not realistic for 10 weeks
- long term vision].
- Forgotten password recovery: send the user an email to reset their password or use security questions to verify users.
- Allow multiple feeds to come in on the same page. Maybe a set of feeds for work, and one for personal.

Technology Stack
- Some secure way to store user account information (Postgres)
- Server to host website. (Depending on programming language)
- Application framework (Django)
- APIs for accessing information from different social media sites on demand.
    ● http://developers.facebook.com/
    ● https://dev.twitter.com/
    ● http://developer.linkedin.com/apis
    ● http://instagram.com/developer/

Risk Factors
- Need to make sure these site's API's allow access to the information we need.
- Need to make sure that this site does not violate any policies of the original sites.

- Securely storing user login information.

<u>Basic Application Flow</u>
- First time on site user will be required to log in or create an account.
- Once logged in, they will need to update their preferences page to decide which social media sites they want to view and provide their login information for the sites.
- Each time a user loads the site, the app will pull feeds from the sites set in user's preference and display the stream of all feeds obtained. Possibly have options to turn on/off each social media site. May have a way to split the screen in half(and thirds?) to view different separated feeds at the same time.