Revature's Social Network

In this social network, everyone is friends with everyone. Each group gets to choose their own Social Network name (keep it professional and try to make it catchy).

The main objective of this project is: Design and implement a simple social network that handles multimedia consuming S3.

Requirements

Users can:

• Register
• Login/Logout.
• Reset their password.
      o Email feature.
• Modify their information.
• Upload a profile picture (using AWS: S3).
• Search other people.
• Create a post.
      o Image(s) can be added to these posts (using AWS: S3).
• View his own profile.
      o Including posts.
• View others' profile.
      o Including posts.
• See their feed.
      o Posts of everyone should show here.
• Like someone's post.
      o Old school Facebook, only one type of like.
• Access a "Live Feed" mode that instantly updates you when another user posts a "live post".
      o time for WebSockets on this one

Optional:

• Users can comment in posts.
• Users can add a YouTube link to their post.

o It should use YouTube API to display it.
• Users get notifications

General Info:

• Groups of between 3 and 5 people.
• The project must be done completely. It must be clean, good looking, and user friendly.
• The security of your application is important (password hashing, page validation, etc)
• Have fun but keep it professional and think of this as your own product.
• For testing I want reasonable test coverage in both the front and back end.
• Your application should be deployed

Mandatory technologies:

• Spring MVC (no SpringBoot).
• Hibernate or SpringORM (no SpringData).
• Angular.
• Log4j.
• JUnit.
• Javadoc (Documentation).