

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 (Required):

- Register
- Login/Logout.
- Modify their information.
- Upload a profile picture (using AWS: S3).
- Create a post.
 - An image can be added to these posts (using AWS: S3).
- View profiles (including your own).
 - Including posts.
- See their feed.
 - Posts of everyone should show here.
- Like someone's post.
 - Old school Facebook, only one type of like.

Optional:

- Users can comment in posts.
- Users can add a YouTube link to their post.
 - It should use YouTube API to display it.
- Pagination should be implemented (only fetching 20 posts at a time).
- Email feature for resetting passwords

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 with sessions, etc)
- Have fun but keep it professional and think of this as your own product.
- For testing I want reasonable test coverage
- I recommend using something like H2 until presentation (since everyone in your team will most likely be using one db connection)

Mandatory technologies:

- Spring Boot
- Spring MVC
- Hibernate
- Angular 2+
- Log4j.
- Junit5
- Javadocs (Documentation).

Due Date: April 21st