Backend Senior Engineer Position Test

User Story

As a developer, I want to have access to an API that allows to pull user activities around 2 object types: photos and tracks

User activities include:
- Like (social like)
- Comment
- Share

Acceptance Criteria

- I should be able to make a GET request with no query parameters to an endpoint and have the endpoint return **all** results.
- I should be able to make a GET request with a "*type=like*" query string to the endpoint and have it return **only likes (or comments, shares)**.
- I should be able to make a GET request with a "*since=<integer>*" query string and have it return **only results since that integer** (unix timestamp).
- The activity's database record should be able to represent:
  - Who acted upon the activity (e.g. *Jim* liked this photo today)
  - What object the user acted upon (e.g. Jim liked *this photo* today)
  - When the user performed the action (e.g. Jim liked this photo *today*)
  - What action the user took upon the object (e.g. Jim *liked* this photo today)

Deliverables

The project must be implemented and delivered within a 48hrs window.
Provide a project that is hosted in a public gitHub (or others) account and ready to be cloned and executed in a local environment by an Avatech engineer.

Technology should include an RDBMS database, Spring, Hibernate.

The project will be judged on the following criteria:
- Design using Spring/Java/REST best practices
- Comments and code quality
- Working app using CURL commands to get the information back
- <u>Bonus</u>: Include a simple WEB UI front-end to pass parameters and see results of execution