

Povio Labs Ruby Assignment

FlowrSpot Project

Assignment Info

You are going to make a working version of a product called FlowrSpot. It is used for flower spotting while hiking, traveling etc. Users can check out different flowers, their details and sightings as well as add their sightings.

You will not need to implement the whole product. You can check what must be implemented to complete the assignment in the section *Requirements*. The assignment should not take more than a few hours to complete.

Requirements

This app should represent your level of expertise and we trust that you will solve it yourself. You should be able to explain your decisions that you made while planning and developing this app.

The project *must* have a git repository. Write your commit messages so it is clear what changes they contain.

Required

1. Run the test for flowers controller

1. update the flowers controller so that the tests pass

2. Complete JWT authentication

1. complete the jwt authentication for the api calls in order to continue
2. check AuthApiService and JsonWebToken files
3. sessions and registration controller tests must pass

3. Create rescue handlers for

1. RecordNotFound - to return 404 with json {error: exception.message}

2. ParameterMissing - to return 400 with json {error: exception.message}

4. Create Likes, Comments for Sightings

1. as a user i can like other and my sightings
2. as a user i can remove my like from any sighting that i liked
3. as a user i can comment other and my sightings
4. as a user i can remove my comments from any sightings that i commented on
5. as a user i can see a list of likes from any sighting
6. as a user i can see a list of comments from any sighting
7. write models, controllers, tests & serializers

5. Service: random question

1. when a sighting is being created, call <https://qriusity.com/v1> and get a random question
2. store the question, into the newly added column 'question'
3. you need to just store one question
4. documentation is here: <https://qriusity.com/>

5. Concern: Statistical

1. create a concern 'Statistical'
2. add it to the sighting model, but the concern can be applied to any other model as well
3. everytime an record is created that is linked to statistical concern it should store in Statistics modal, the record type and record id

6. Background worker

1. a worker that triggers once per day, every working day at 8 am. (mon-fri only).
2. how many new flowers, how many total flowers and new sightings were there for the past day (past 24h)
3. write instructions how this worker is started or if its started automatically

Submitting the assignment

1. Compress the code to an archive (including the **local .git** folder)
2. Name the archive **ruby_name_surname.zip**
3. Submit the archive on the platform