

You need to create a HTTP API microservice providing client with an information on Instagram accounts.

The service should take Instagram account (or accounts) as input and start collecting these data:

- photo URL;
- photo caption;
- number of likes;
- number of comments.

So the service should contain three endpoints:

- start grabbing data for @username;
- provide data about photos of @username;
- provide advanced data about one particular photo of @username.

Special requirements:

- client may need to get the data page by page (not all the data in one response);
- client may need to get the numbers of likes and comments for each photo split by days.
- API should be able to handle the situation if Instagram user has a lot of followers (like a celebrity or popular brand).

For every corner case which is not described within the task please make your own decision and be ready to prove why your decision is good.

Also please describe:

- why did you choose used technologies?
- how to deploy and maintain your app?
- what issues can we face while using this app?
- how would you improve the app if you have more time?

Thanks.