Python test assessment by DevelopsToday

Hey, let's build a simple news board API.

We will start with a simple MVP. It will have a list of news with functionality to upvote and comment on them. Similar platform to HackerNews.

Functional Requirements

- Create CRUD API to manage news posts. The post will have the next fields: title, link, creation date, amount of upvotes, author-name
- Posts should have CRUD API to manage comments on them. The comment will have the next fields: author-name, content, creation date
- There should be an endpoint to upvote the post
- We should have a recurring job running once a day to reset post upvotes count

Technical Requirements

- Code should be written with Python 3
- REST API should be Django and Django REST Framework based
- API should be well documented with Postman collection. Make sure to use Postman environments and variables, so you can between local API and deployed version. Add Postman collection link to the README
- API has to run as a Docker container. API + Postgres should be launched with docker-compose
- Code should be formatted with Black
- Necessary to make sure that Flake8 linter passes. Would be great to have typing with pyright as well
- The project should have clear README with steps to run it
- Deploy API for testing to Heroku or DevSpace. Add deployment link to the README

Conditions

- The code should be clean, passing linter checks and simple to understand. Code quality matters a lot
- Task usually takes **from 4 to 6 hours**. If you need more time, you're good to take it and it's appreciated, but results should be sent **no later than 48 hours after the start**
- Skills to write clean business logic and apply best practices are important
- The challenge code should be pushed to the **GitHub** repository. Please send us a link to the repository right after that. Thanks!

If you have any questions about challenge details, ask for more information, it's appreciated.

Have a good luck and looking forward to work with you!