TEST TASK: PYTHON DEVELOPER

1. Social Network

Object of this task is to create a simple REST API. You can use one framework from this list **(Django Rest Framework, Flask or FastAPI)** and all libraries which you are prefer to use with this frameworks.

Basic models:

● User
● Post (always made by a user)

Basic Features:

● user signup
● user login
● post creation
● post like
● post unlike
● analytics about how many likes was made. Example url
/api/analitics/?date_from=2020-02-02&date_to=2020-02-15 . API should return analytics aggregated by day.
● user activity an endpoint which will show when user was login last time and when he mades a last request to the service.

Requirements:

● Implement token authentication (JWT is prefered)

Notes:

● Clean and usable REST API is important
● the project is not defined in detail, the candidate should use their best judgment for every non-specified requirements (including chosen tech, third party apps, etc), however
● every decision must be explained and backed by arguments in the interview
● Result should be sent by providing a Git url. This is a mandatory requirement.