**Problem Statement**

Engineering Challenge

1. You are asked to design and develop a small microservice application offering a RESTful API that identifies if comments on a given subfeddit or category are positive or negative.

Given the name of a subfeddit the application should return:

* A list of the most recent comments. Suppose a limit of 25 comments.
* For each comment:
  + The unique identifier of the comment
  + The text of the comment
  + The polarity score and the classification of the comment (positive, or negative) based on that score.

Optionally, you should allow the user to modify the query as follows:

* Filter comments by a specific time range
* Sort the results by the comments polarity score.
* Define a GitHub workflow to run linting checks and tests for the built RESTful API

**Requirements**

1. The application must be written in Python and non-code deliveries must be in the English language. Please ensure that your code is understandable and production-ready.

**Expected delivery**

We expect you to provide a link to a code repository containing your proposed solution to this challenge. Alternatively, you may also submit an attached file.

**Hints**

Get familiar with Feddit, which stands for fake Reddit, and mocks the Reddit API. All the related information to Feddit is in the zip file attached.

**Additional hints**

1. Keep in mind that we will be focusing on the engineering aspects of the task, so you are not required to build a ML model from scratch. If you prefer, you can use an external API for the ML model.

We are expecting to be able to run the code.