

## Text Generation

Generating Comments for a social network post

You should detect the topic of the text and then write a proper comment for this text.

- A. Detect the entities on the text such as 1.Location 2.Company 3.Person 4.Date and write the comment based on these entities.
- B. All generated comments should be new and unique, Get sure that you haven't given this comment before by saving all generated comments on a NoSql (MongoDB ) DB
- C. You can limit categories to 1.Sport 2.Technology
- D. Please also prepare a restful API.

## Notes:

- 1. Two mentioned categories are enough but having more categories is a PLUS.
- 2. It's preferable to use MongoDB but if you are better with relational Databases we prefer PostgreSQL.
- 3. Having a test unit earns an extra point.
- 4. Having a swagger earns an extra point.
- 5. A dockerized system earns an extra point.
- 6. Good documentation earns an extra point (explaining the system's structure, and future features that you think are important for this system but you didn't have the time to implement it).

Please create a public repository for the test when it's done and email it to us.

**Good luck.**