

Rest Framework – API

Python

Assessment Test

- Write a project to demonstrate comment app api using of Django Rest framework
- Prepare demonstration of Python comment app api under software development principles and follow coding protocols
- The project was built in a MVT concept create an effective interactive interface.
- In this application Perform all operations under function based views
- Create a comment model in the database for the comment application that the Django ORM will manage.
- Create api which return below data in json format

```
3
4  [
5  {
6      "postId": 1,
7      "id": 1,
8      "name": "id labore ex et quam laborum",
9      "email": "Eliseo@gardner.biz",
10     "body": "laudantium enim quasi est quidem magnam voluptate ipsam eos\ntempora quo
necessitatibus\ndolor quam autem quasi\nreiciendis et nam sapiente accusantium"
11     },
12     {
13         "postId": 1,
14         "id": 2,
15         "name": "quo vero reiciendis velit similique earum",
16         "email": "Jayne_Kuhic@sydney.com",
17         "body": "est natus enim nihil est dolore omnis voluptatem numquam\net omnis occaecati quod
ullam at\ndoluptatem error expedita pariatur\nnnihil sint nostrum voluptatem reiciendis et"
18     },
```

- Make sure all api data return in json format – create separate file of json serializes
- These are a few key options for a REST API request:
- GET — the most common option, returns some data from the API based on the endpoint you visit.

- Admin can able to add and delete records of this system
- Manage proper naming convention – create appropriate objects name.
- create separate file for all business logics and make them reusable - use modules concepts for implements above logic
- Make sure code prevent from unexpected exception return to the previous screen and accept all details again.
- Make sure Database normalize manage in this project work
- Developer needs to test this product before launching it into the market
- After completion this project upload it on GitHub
 - Upload all features in develop branch after completion all features merge it with main branch

