Messaging system

OVERVIEW

The task is to write a simple rest API backend system that is responsible for handling messages between users.

a message contains :

1. sender (owner)
2. Receiver
3. Message
4. Subject
5. creation date

The rest API should contains :

- Write message

- Get all messages for a specific user

- Get all unread messages for a specific user

- Read message (return one message)

- Delete message (as owner or as receiver)

The output for the project should be:

- an hosted server on one of the free sites (heroku is a good option)

- a postman requests file with examples of how to use the API.

Please make the code clean and simple.

Bonus Task

use authentication method to set up the request for the logged in user. So if you ask for the get messages API you will only get the messages for the current logged in user.

Important notes

- Database is a must, you can choose which one you want
- You can use node.JS/express or django/flask as your frameworks

- No need for any frontend, just postman requests
- If using Django, please provide back office admin user/password
- Try to be clean and write a "production level" code
- Do the bonus!

How to submit the code

1. Upload to your github.com / bitbucket.com (make it public) and send us the link.
2. Send us a link of a working server with a postman file so we can try it out.

Good Luck