

Python Assignment 1122

Make WhatsApp API server

Required APIs

Infrastructure Condition

Situation Condition

Required

Additional info

Make WhatsApp API server

you can check whatsapp application. and please make apis that will be need to make whatsapp.

Part of the task is to figure out which chat API will be used in WhatsApp.

Required APIs

1. Create chatroom
2. list chatroom
3. Leave chatroom
4. Enter chatroom
5. Send mesasge
 - a. Should be able to send text message.
 - b. Should be able to send attachmemt. (NO LIMIT SIZE)
 - i. the attachment saved on the local server directory "root/picture", "root/video".
6. list messages

Infrastructure Condition

1. Should use Python Django

1. Should use **Python, Django**
2. Make the RDB schema
3. Should follow the folder structure of (controller, service, entity)
 - a. “controller” is for the req, res
 - b. “service” is for the business logic
 - c. “repository” is for only sql or query stuffs (should not have business logic)
 - d. “entity” is for the database modeling
4. **Use websocket for chat feature.**
 - a. if the user on each chatroom, the user is connected on the socket.

Situation Condition

- Will not evaluate about login process, implement the user/login process as simply as you can.
- **All the chatroom have maximum member count.**

Required

- Need API documentations(anything is ok. swagger, markdown. etc..)

Additional info

- you can use any third party library.

