Requirements:

Project Desc:
- Build a chat messaging service.
- A way to send messages many to many
- User account creation
  Unique username and passwords
- Upload images and videos
- Adding user meta data (adding phone contacts)
- Chat history
- How many users we can support
- Text limit, file size limit, messaging limit (photos, text, videos)
- Search and add users
  Search chat history
- End to end encryption between users
- Be able to reply
- Last active time period
  Show if active now
- Explore Page
- Subscription plans
- GPT Wrapper
  Scheduled replies
  Custom replies
- All this into a web app

Learn:
- Client server model in Python
  - Create a user management (create, modify, delete, get, CRUD api)
  - Client should send messages to a given user, and server should save it
  - Client should receive messages from a given user, and server should save it
  - Be able to send and receive any type of message data type
  - Time based polling to receive messages from the server