1. Please describe the architecture of the current chatbot system. Identify the components and check where they are running now.

Use telegram and hkbugpt.
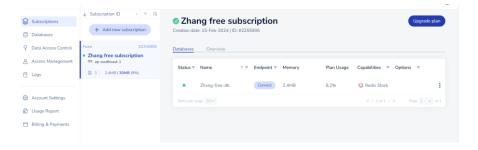
Use store these information with redis.

2. Explain how do your chatbot handle the special command. You need to trace the code and explain that.

Filters.text & (~Filters.command) specifies that we will process user input, but not commands. Commands start with / in telegrams, so the easiest way to fix this is to remove the second part.

3. Update your code so that when user type /hello Kevin , it will reply Good day, Kevin! . Write down the change you have made.

```
def equiped_chatgpt(update, context):
    global chatgpt
    reply_message = chatgpt.submit(update.message.text)
    print(update)
    if update.message.text=='/hello Kevin':
        reply_message='Good day, Kevin!'
    logging.info("Update: " + str(update))
    logging.info("context: " + str(context))
    context.bot.send_message(chat_id=update.effective_chat.id,
text=reply_message)
```

catch the input and change it

4. Make a few screen caps to prove that you have applied your own Redis account, used it in your chatbot, and push the code on GitHub (at least 2 commits - lab3/lab4)

Subscriptions

- Subscriptions
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- Data Access Control
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Subscription ID

+ Add new subscription

Fixed   #2255906
● **Zhang free subscription**
⊟ ap-southeast-1
⊟ 1 | 2.4MB / **30MB** (9%)

✅ Zhang free subscription
Creation date: 15-Feb-2024 | ID: #2255906

Upgrade plan

Databases   Overview

Status ▼	Name	↑ ▼	Endpoint ▼	Memory	Plan Usage	Capabilities ▼	Options ▼
●	Zhang-free-db		Connect	2.4MB	8.2%	◈ Redis Stack	⋮

Items per page 10 ⌄   ≪ ‹ 1 of 1 › ≫   Page 1 ⌄ of 1

◇ Commits on Feb 17, 2024

third commit
ⓩ Zhang committed 35 minutes ago   b5364cd ⧉ ‹›

second commit
ⓩ Zhang committed 38 minutes ago   1f87bdd ⧉ ‹›

first commit
ⓩ Zhang committed 47 minutes ago   dd682c9 ⧉ ‹›