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

1.1 User Interface (UI):

Our chatbot UI is using Telegram chat as a client, the screenshot as below.

A screenshot of a phone

Description automatically generated

1.2 Input Processing:

typing

1.3 Chatbot Engine / Core:

import/pip

1.4 Response Generation

1.5 Integration Layer

1.6 Backend Services

1.7 Training and Evaluation

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

you have said xxx xtime

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

dispatcher.add\_handler(CommandHandler("hello", kevin\_command))#Corresponding to below.

def kevin\_command(update: Update, context: CallbackContext) -> None:

"""Send a message when the command /hello Kevin"""

update.message.reply\_text('Good day, Kevin!')



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).

A screenshot of a computer

Description automatically generated