Python Line Chatbot Report

First Step:Prepare The Chatbot

1. build Line bot channel .
   remember Channel secret and Channel access token

success

Admin | ▪▪▪ Messaging API

Basic settings   **Messaging API**   Security   Roles   Statistics   LIFF

Messaging API settings

Bot information

Bot basic ID   @933cktvh

QR code

Channel access token

Channel access token (long-lived) ⑦

vc1iQZ/UnD12ZuknsurHNgQLj2zDRABHhaDlQU7IwSJhUoDL9kAqmASB/bvRDd8sUF0H5iU+qzicXNOin+jNbd+lrnlFDOtgZfStVY/nst7ZiOzDaNzgemkkrhNEAFpe
efqoH3qW2gn763wVXJRcOAdB04t89/1O/w1cDnyilFU=

[Reissue]

Channel secret ⑦   605557859e290e0dc7a205c7e06ffc7a   [Issue]

2.Build Heroku app.

Personal ◇ > ● s1004   ★   Open app   More ◇

Overview   Resources   Deploy   Metrics   Activity   Access   **Settings**

Name   s1004   Edit

Config Vars   **Config Vars**   Hide Config Vars

Config vars change the way your app behaves.
In addition to creating your own, some add-
ons come with their own.   LINE_CHANNEL_ACCESS_TOKEN   vc1iQZ/UnD12ZuknsurHNgQLj2zDRABHhaDlQU7Iw   ✏ ✕

                                LINE_CHANNEL_SECRET   605557859e290e0dc7a205c7e06ffc7a   ✏ ✕

                                KEY   VALUE   Add

Info   Region   🇺🇸 United States
                                Stack   heroku-18
                                Framework   🐍 Python
                                Slug Size   48.7 MiB of 500 MiB
                                Heroku Git URL https://git.heroku.com/s1004.git

3.Set up Heroku CLI and Git---Create a new Git repository---Deploy your application.

```
    authtoken    save authtoken to configuration file
    credits      prints author and licensing information
    http         start an HTTP tunnel
    start        start tunnels by name from the configuration file
    tcp          start a TCP tunnel
    tls          start a TLS tunnel
    update       update ngrok to the latest version
    version      print the version string
    help         Shows a list of commands or help for one command

ngrok is a command line application, try typing 'ngrok.exe http 80'
at this terminal prompt to expose port 80.
C:\Users\23738\Downloads\ngrok-stable-windows-amd64>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/04a1db24-bd81-4790-961a-65e02516196c
Logging in... done
Logged in as wyc5143@gmail.com

C:\Users\23738\Downloads\ngrok-stable-windows-amd64>heroku git:clone -a s1004
Cloning into 's1004'...
remote: Counting objects: 9, done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 0 (delta 0)
Unpacking objects: 100% (9/9), 2.00 MiB | 1000.00 KiB/s, done.

C:\Users\23738\Downloads\ngrok-stable-windows-amd64>cd s1004

C:\Users\23738\Downloads\ngrok-stable-windows-amd64\s1004>git add .

C:\Users\23738\Downloads\ngrok-stable-windows-amd64\s1004>git commit -am "make it better"
On branch master
Your branch is up to date with 'heroku/master'.

nothing to commit, working tree clean

C:\Users\23738\Downloads\ngrok-stable-windows-amd64\s1004>git push heroku master
Everything up-to-date
```

Personal ⌄ > ● s1004 ☆ | Open app

Overview Resources Deploy Metrics Activity Access Settings

Installed add-ons [$0.00/month]   Configure Add-ons ⊕

There are no add-ons for this app
You can add add-ons to this app and they will show here. Learn more

Dyno formation [$0.00/month]   Configure Dynos ⊕

This app is using **free** dynos

web python assignment2.py   ON

Collaborator activity ⓘ   Manage Access ⊕

wyc5143@gmail.com   1 deploy

Latest activity

⚙ **wyc5143@gmail.com:** Set `LINE_CHANNEL_ACCESS_TOKEN` config var
    Today at 9:51 PM · v5

⚙ **wyc5143@gmail.com:** Set `LINE_CHANNEL_SECRET` config var
    Today at 9:50 PM · v4

⬆ **wyc5143@gmail.com:** Deployed `799573d8`
    Today at 9:41 PM · v3

🔧 **wyc5143@gmail.com:** Build succeeded
    Today at 9:41 PM · View build log

🔧 **wyc5143@gmail.com:** Enable Logplex
    Today at 9:16 PM · v2

🔧 **wyc5143@gmail.com:** Initial release
    Today at 9:16 PM · v1

5. Use webhook to connect Line and Heroku

Webhook settings

Webhook URL ⓘ   https://s1004.herokuapp.com/callback

[Verify] [Edit]

Use webhook ⓘ   🟢

Second Step:Chatbot Behavior Testing

1.repeat text massage

```python
# Handler function for Text Message
def handle_TextMessage(event):
    print(event.message.text)
    msg = 'You said: "' + event.message.text + '" '
    line_bot_api.reply_message(
        event.reply_token,
        TextSendMessage(msg)
    )
```


2. Repeat sticker message

```python
# Handler function for Sticker Message
def handle_StickerMessage(event):
    line_bot_api.reply_message(
        event.reply_token,
        StickerSendMessage(
            package_id=event.message.package_id,
            sticker_id=event.message.sticker_id)
    )
```

3. **response "nice image" to image message.**

```
# Handler function for Image Message
def handle_ImageMessage(event):
    line_bot_api.reply_message(
    event.reply_token,
    TextSendMessage(text="Nice image!")
    )
```

4. response "nice vedio" to vedio message.

```python
# Handler function for Video Message
def handle_VideoMessage(event):
    line_bot_api.reply_message(
    event.reply_token,
    TextSendMessage(text="Nice video!")
    )
```


5. response "nice file" to file message.

```python
# Handler function for File Message
def handle_FileMessage(event):
    line_bot_api.reply_message(
    event.reply_token,
    TextSendMessage(text="Nice file!")
    )
```


More function can be **add to** this chatbot.......

Wang Yuchen   19439989