

# SSG API TESTING APPLICATION

Installation Guide for Developers

**\*\*System Requirement\*\***

1. Python 3
2. PIP

# Downloading and extracting zip file

1. Proceed to our [GitHub](#) to retrieve the code

2. Click on **Code** shown in Fig 1.

3. Click on **Download ZIP** to download the **SSGApplication** file as ZIP

4. **Extract** the folder

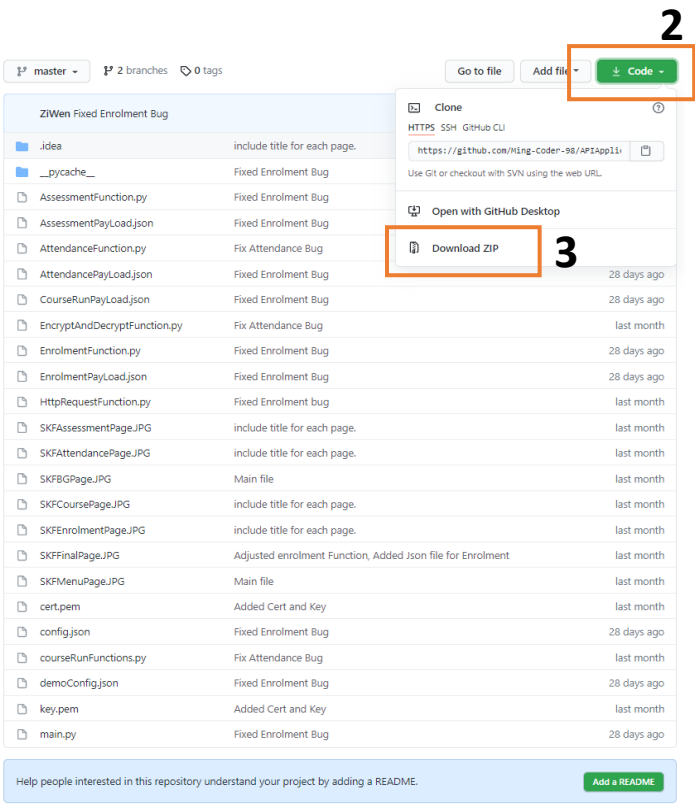


Fig 1. The application

# Running the application

## ***Via Integrated Development Environment (IDE)***

1. Open the downloaded folder on IDE that supports Python
2. Type in the following command “pip install -r requirements.txt” in the terminal of the IDE to install the libraries required for the program  
([Refer to Annex A](#))

3. Upon successful installation of the libraries required, run the main.py.



Fig 2. The application

\*Once installation is complete, you will see a screen shown in Fig.2.

## ***Via Command Prompt***

1. Open the folder where the source code is stored
2. Type in the following command “pip install -r requirements.txt” in command prompt to install the libraries required for the program ([Refer to Annex A](#))
3. Upon successful installation of the libraries required, run the main.py file. Fig 3 shows the command required to run the program.

\*Once installation is complete, you will see a screen shown in Fig 2.

```
Command Prompt - python3 main.py
Microsoft Windows [Version 10.0.19042.1083]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ming>python3
Python 3.8.10 (tags/v3.8.10:3d8993a, May 3 2021, 11:48:03) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()

C:\Users\Ming>cd Downloads

C:\Users\Ming\Downloads>cd APIApplication

C:\Users\Ming\Downloads\APIApplication>python3 main.py
```

Fig 3. Commands used to run program

## Annex A: Libraries to be installed

1. Pillow ~=8.2.0
2. Requests~=2.25.1
3. Cryptography~=3.4.7