

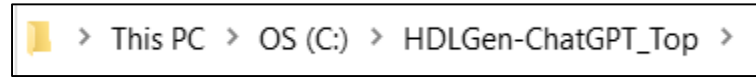
HDLGen-ChatGPT application setup (in Python/Git environment)

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- [Setting up a Python/Git Environment](#)
- HDLGen-ChatGPT
 - Project GitHub <https://github.com/fearghal1/HDLGen-ChatGPT>
 - Open Command Prompt/Terminal
 - Change directory (cd) to HDLGen-ChatGPT installation folder
 - Clone the repository (creates sub-folder HDLGen-ChatGPT)
git clone <https://github.com/fearghal1/HDLGen-ChatGPT.git>
 - cd to HDLGen-ChatGPT/Application folder
 - Install required libraries
pip install -r requirements.txt
 - Run main.py
python main.py *(python folder must be added to system path. Refer to [Setting up a Python/Git Environment](#))*

Download HDLGen-ChatGPT application

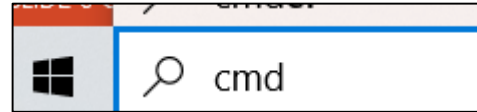
- Create HDLGen-ChatGPT_Top folder, e.g,



- Right click on the address bar and select **Copy address as text** to get folder address, e.g,



- Open Windows Command Prompt/terminal



- Change directory to **HDLGen-ChatGPT_Top**

- i.e, type **cd** and right click to paste copied text in cmd terminal, e.g, `cd C:\HDLGen-ChatGPT_Top`

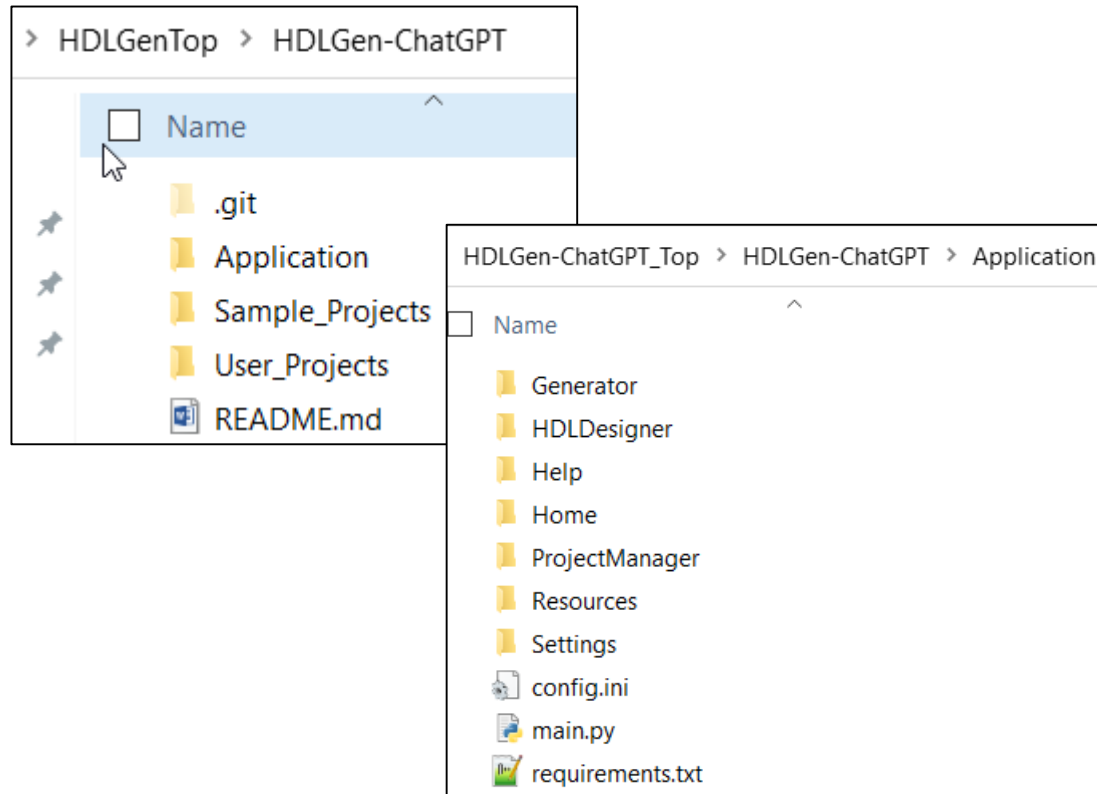
- Clone the HDLGen-ChatGPT repository `git clone https://github.com/fearghal1/HDLGen-ChatGPT.git`

```
C:\>git clone https://github.com/fearghal1/HDLGen-ChatGPT.git
Cloning into 'HDLGen-ChatGPT'...
remote: Enumerating objects: 4655, done.
remote: Counting objects: 100% (1591/1591), done.
remote: Compressing objects: 100% (603/603), done.
remote: Total 4655 (delta 1008), reused 1288 (delta 952), pack-reused 3064
Receiving objects: 99% (4609/4655), 35.34 MiB | 7.89 MiB/s, done.
Receiving objects: 100% (4655/4655), 37.19 MiB | 7.89 MiB/s, done.
Resolving deltas: 100% (2745/2745), done.
```

- This creates folder HDLGen-ChatGPT

Install requirements using pip

- In CMD window, use **cd** to change directory to folder **Application**
- Use pip to install required libraries **pip install -r requirements.txt**



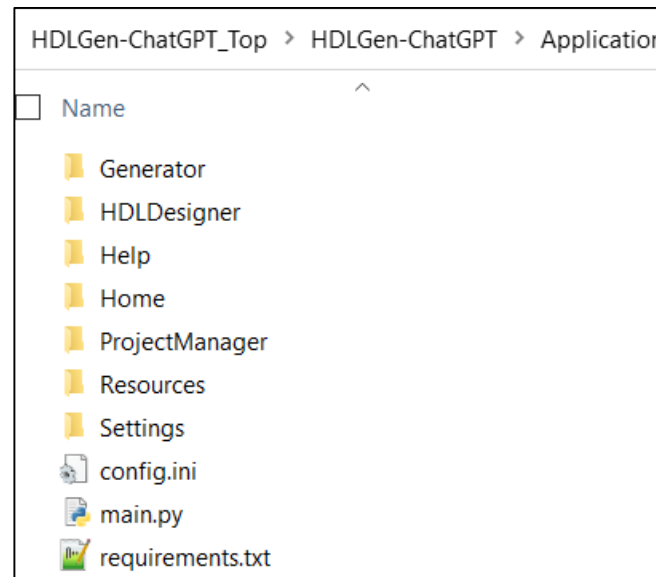
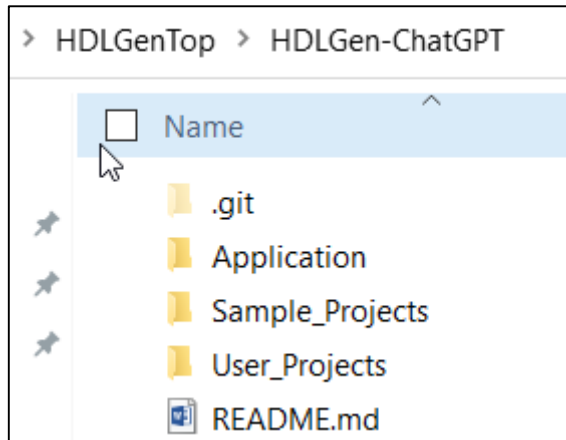
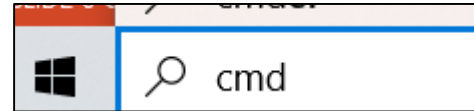
```
C:\HDLGen-ChatGPT_Top>cd C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT
C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT>dir
Volume in drive C is OS
Volume Serial Number is EEE1-4818

Directory of C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT

28/08/2023  11:45    <DIR>          .
28/08/2023  11:45    <DIR>          ..
28/08/2023  11:45    <DIR>          Application
28/08/2023  11:45                1,256 README.md
28/08/2023  11:45    <DIR>          User_Projects
                1 File(s)                1,256 bytes
                4 Dir(s)  358,168,600,576 bytes free
```

Running HDLGen-ChatGPT application

- Using Windows command prompt
 - Use `cd` to change directory to folder **Application**
- Run HDLGen-ChatGPT program (main.py) using
 - **python main.py** in Windows command window or
 - **Click main.py** in the windows explorer



```
C:\HDLGen-ChatGPT_Top>cd C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT
C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT>dir
Volume in drive C is OS
Volume Serial Number is EEE1-4818

Directory of C:\HDLGen-ChatGPT_Top\HDLGen-ChatGPT

28/08/2023  11:45    <DIR>          .
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