

BEFORE RUNNING THE APPLICATION...

In order to run the application, you **MUST FIRST** install the software requirements. In doing so, follow the steps indicated under the succeeding subsections.

The prerequisites

- Before anything else, make sure that you have the following:
 - Git and GitHub Desktop
 - This will be used in cloning the repository. As for its installation, kindly follow these:
 - For Git: [Open this & Download](#)
 - For GitHub Desktop: [Open this](#)
 - Python
 - You may download the package in this [link](#) and follow the installation instructions via this [guide](#).
 - Visual Studio Code
 - Because of its flexibility, it is recommended to use Visual Studio Code as the IDE for the project.
 - Devices for testing
 - Desktop with Google Chrome (Windows)

Clone the GitHub repository

- Use the repository's URL for cloning:
 - <https://github.com/Kirito1456/SECWB>
- Clone the repository via:
 - GitHub Desktop
 - Open GitHub Desktop
 - Click on 'File' -> 'Clone Repository'
 - Click the tab indicating 'URL'
 - Paste the URL on the first input field and select the path where you want to store the clone repository.

Creating Django Python Environment and Installing Django packages and dependencies

- While inside the folder, together with the project directory, open a terminal.
- Type and enter this command: **py -m venv <name of env>**
 - This will create a django environment
- Next, use this command **<name of env>\scripts\activate** to activate the environment
- Navigate inside the project folder where requirements.txt is located
 - Use the command: **cd <path to folder>**

- Install all dependencies using this command:

**pip install -r
requirements.txt**

OR

**pip install django djlnt pillow mysqlclient
django-axes argon2-cffi python-magic
python-magic-bin**

- This command will fetch and download the packages and dependencies. Take note that this step is crucial as most components of the system rely on these.

HOW TO RUN THE APPLICATION...

- While running the django environment, navigate inside the project folder where the **manage.py** is located
- Type and run this command:
 - **python manage.py makemigrations**
 - **python manage.py migrate**
 - These commands will make sure that all necessary migrations are completed to run the application
 - **python manage.py createsuperuser**
 - This command is for creating the admin user
 - Use this command to run the application: **python manage.py runserver**
- Open a web browser and go to **http://127.0.0.1:8000/** to view the application.

You're all set!