

README

Virtual Vault

Readme started: 04.04.25

Readme updated: 25.05.25

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GitHub link: <https://github.com/ammaar0x01>

Portfolio: <https://ammaar0x01.netlify.app>

Description:

A collection of some of my favourite videos and music from youtube.com

Python, Flask webapp

Started: 24.04.25

Updated: 25.05.25

Version: 1.0 (stable)

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About the app

The main functionality of this software application program is to store YouTube videos to a local SQLite database. This app is basically a YouTube-bookmark application. It also has a section where you can create tasks to serve as a reminder to complete certain tasks.

This app uses the [Flask](#) micro-framework from Python.

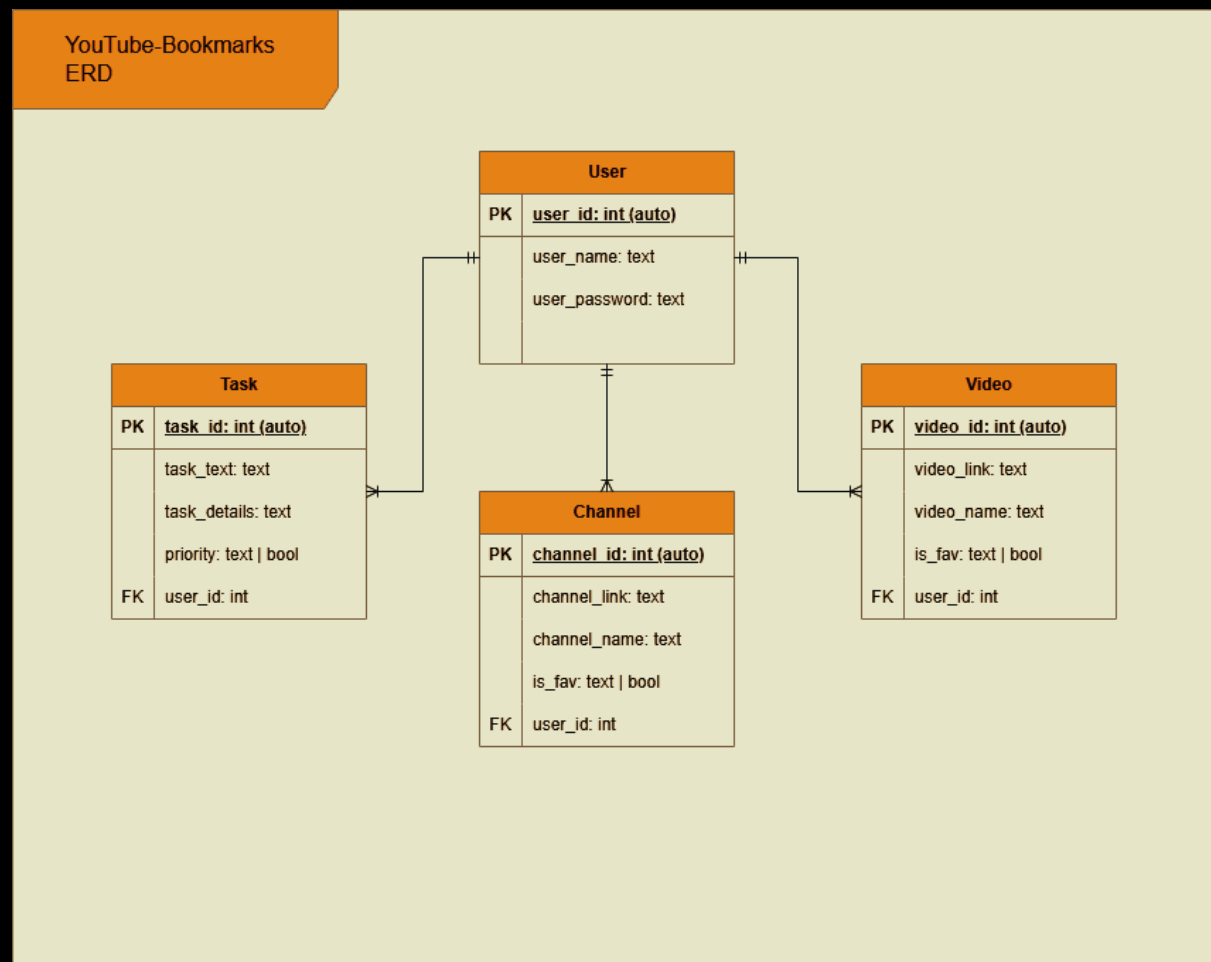
The tech-stack of this app consists of: HTML, CSS, JS, Python and SQL.

ERD

Tables in the database:

- User
- Video
- Channel
- Task
- Saved_webpage

Older



Screenshots

Recent

API Documentation

[Return to command-line](#)

Endpoints

Videos

- [/api/get/videos](#)
Retrieves all videos
- [/api/get/videos/{category}](#)
Retrieves all videos from a specific category

Categories
 - Audiobook
 - Backing-tracks
 - Education
 - Entertainment
 - Music
 - Fitness
 - Food
 - Animation
 - Shorts
 - Other
- [/api/get/video/{id}](#)
Retrieves a video based on its identifier

Videos

[Home](#) [Videos](#) [Channels](#) [Tasks](#) [Webpages](#)

Add a new video

Video Name

Video URL

Video type

Audiobook

The Greatest Showman - Rewrite The Stars

Education

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#)

Debloat Windows

Education

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#)

Passacaglia - Handel/Halvorsen (Easy)

Shorts

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#)

Windows God-mode features

Education

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#)

Animation vs Coding

Entertainment

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#)

JUST USE HTML

Education

[Go to the video ↗](#)

[Update](#) [Delete](#) [Iframe](#) [♥](#)

Show All [Apply filter](#)

NationSquid [^](#)

Link to channel:
<https://www.youtube.com/@nationsquid/videos>

[Update](#) [Delete](#)

Sidemen [♥](#) [v](#)

Pianza [v](#)

drew gooden [♥](#) [v](#)

Tasks

[Home](#) [Videos](#) [Channels](#) [Tasks](#) [Webpages](#)

Add an item

Task

More details (optional)

[Home](#) [Videos](#) [Channels](#) [Tasks](#) [Webpages](#)

Tasklist

Show All Apply filter

Windows God mode

More details

Task created on: 2025-05-23 23:55:07

GodMode.{ED7BA470-8E54-465E-825C-99712043E01C}
<https://www.youtube.com/watch?v=2fUzaSEy1-Y>

Update Delete

Just Dance

TODO Priority

localhost:5000/delete-task/6

Number of webpages: 10

mozillaq



Other

Open the webpage 

Update

Delete

MS stuff



Just Fucking Use HTML

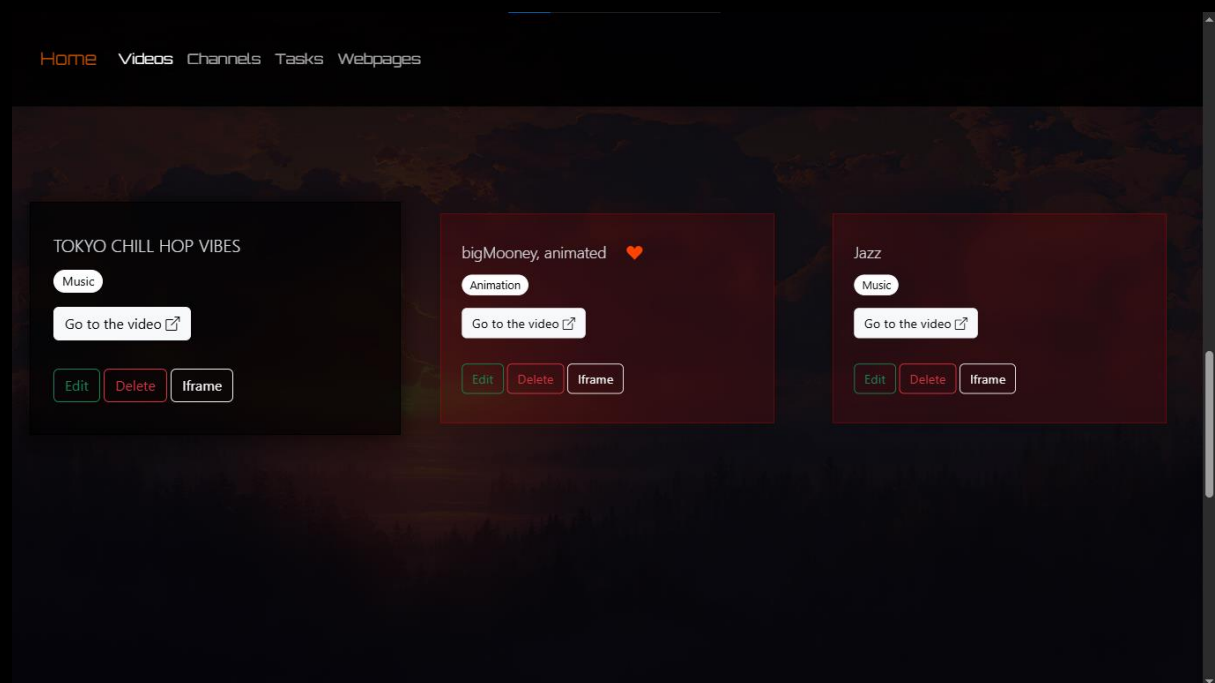
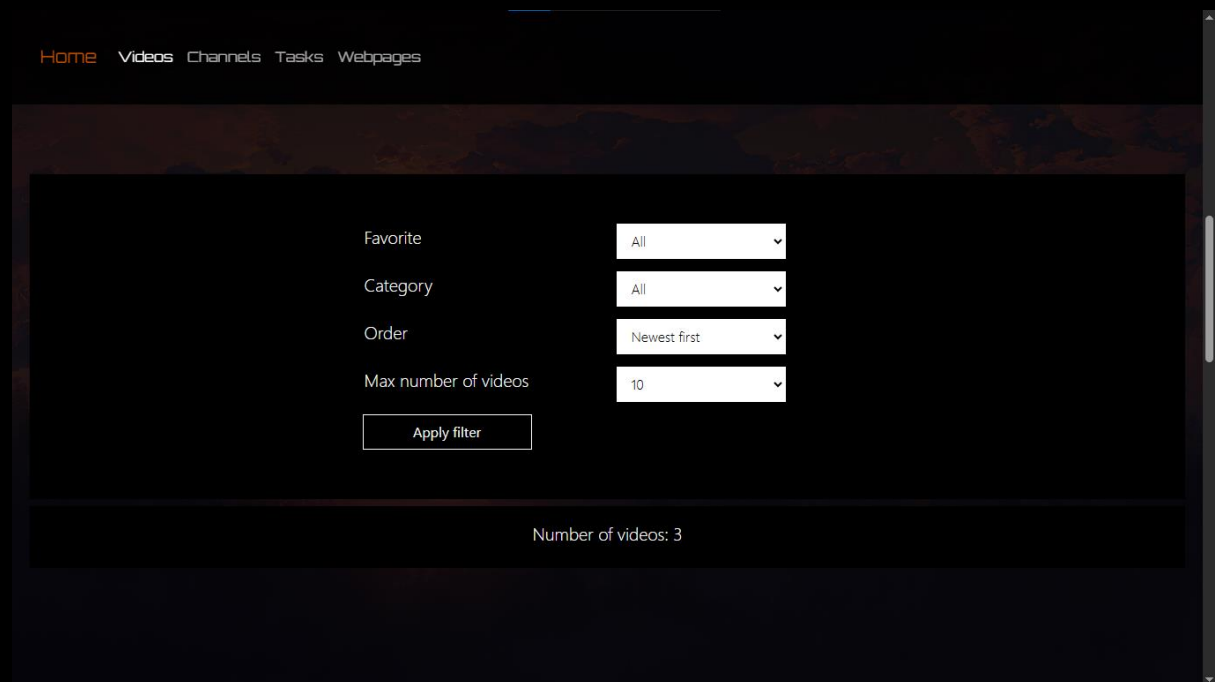


Kali Linux

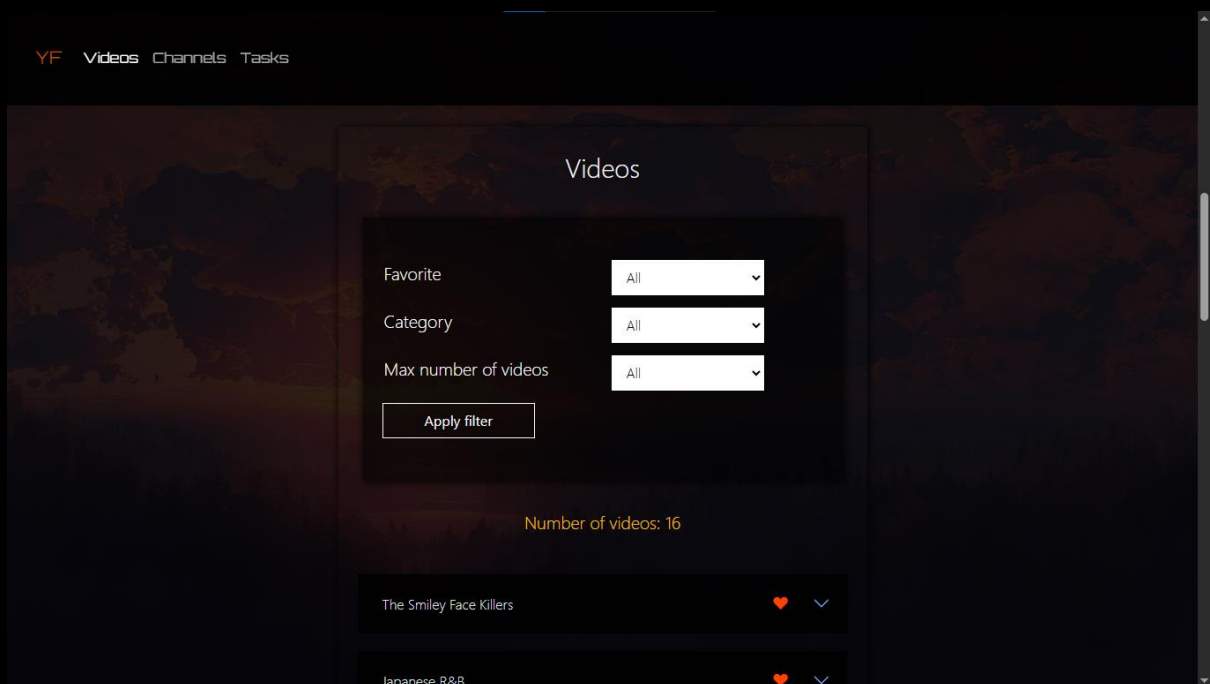
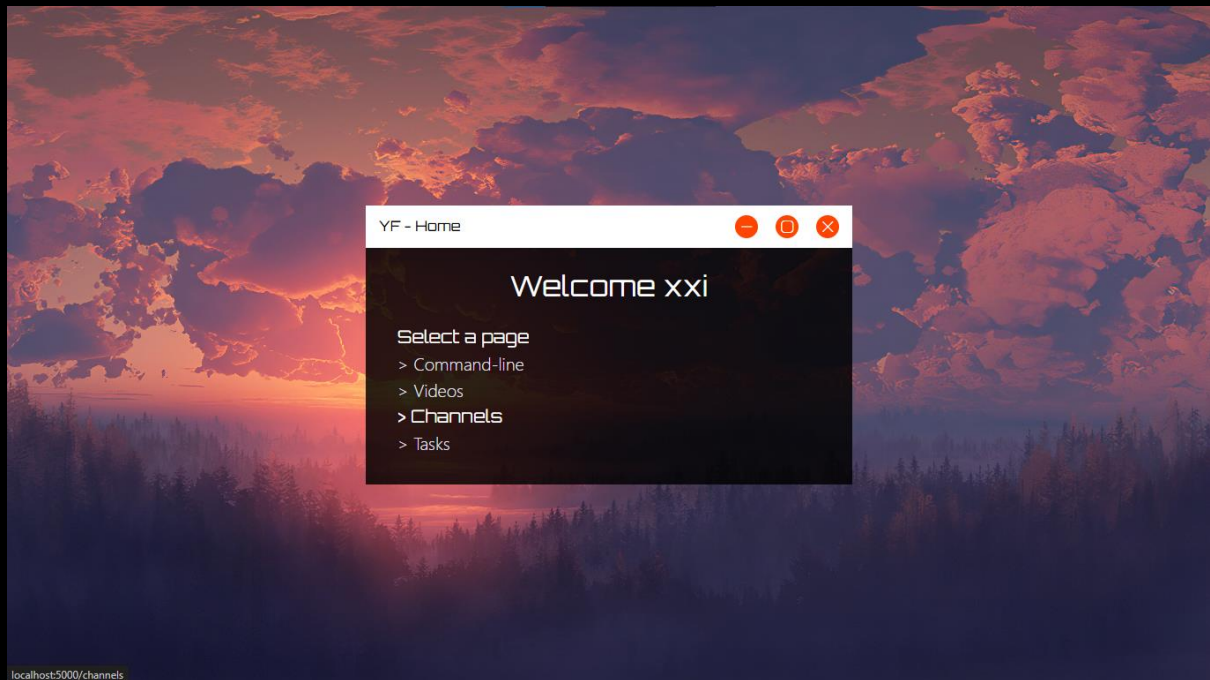


Older

Set2



Set1



Tasklist

Show All Apply filter

- go for a jog ok ▼
- Study ADT ▼
- Go to the mall ▼
- another important task Priority ▼
- chess960 Priority ▲

More details

Play chess960 (randomize the pieces in the back row, where row1=row8). \n Play at school or home.

Edit Delete

Channels

Show All Apply filter

- drew gooden ♥ ▼
- Sidemen ♥ ▲
- Link to channel: <https://www.youtube.com/@Sidemen>
- AtrioVODs ▼

Edit Delete

Welcome xxi

Type `help` for guidance

xxi@yf:~\$

Welcome xxi

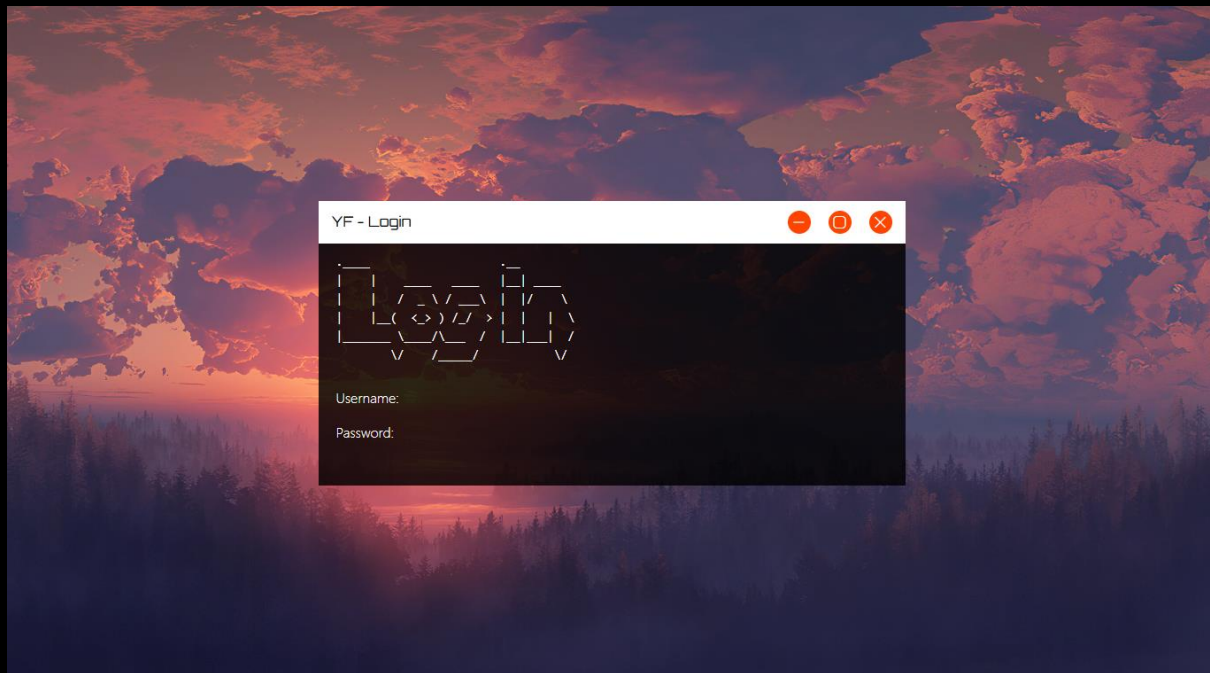
Type `help` for guidance

xxi@yf:~\$ close

Commands

cd home	- navigate to the 'home' route
cd videos	- navigate to the 'videos' route
cd channels	- navigate to the 'channels' route
cd tasks	- navigate to the 'todo' route
history	- show session history
timer	- show or hide the time since the last reload
browser	- show browser and other details
close	- close the current browser tab

Set0



YT Channels Videos ToDo

Video name	URL	Category		
YouTube	https://www.youtube.com/	Audiobook	Edit	Delete
influence	none	Entertainment	Edit	Delete
The Smiley Face Killers	https://www.youtube.com/watch?v=y1GG7CXZTAo	Education	Edit	Delete

Tasklist

HELLO WORLD



EAT MORE FOOD *PRIORITY*



More details

Priority

Edit

Delete

GO FOR A JOG OK *PRIORITY*



Add an item

Task

More details (optional)

Add data

☒ Priority

☐ Use user_code

Welcome xxi

Type **help** for guidance

xxi@yf:~\$|

Time since last reload (in seconds): **1023**

Help

Pre-requisites

- *Python installed on your computer (mandatory)*
- *Knowledge of Python (optional, for modifying the app)*

Download

git clone --branch [branch name] [git https link]

Install

Install Python dependencies

pip install Flask pwinput

Run

In command-line

python main.py

Batch file

Double-click 'app_run.bat' to initaiize the app

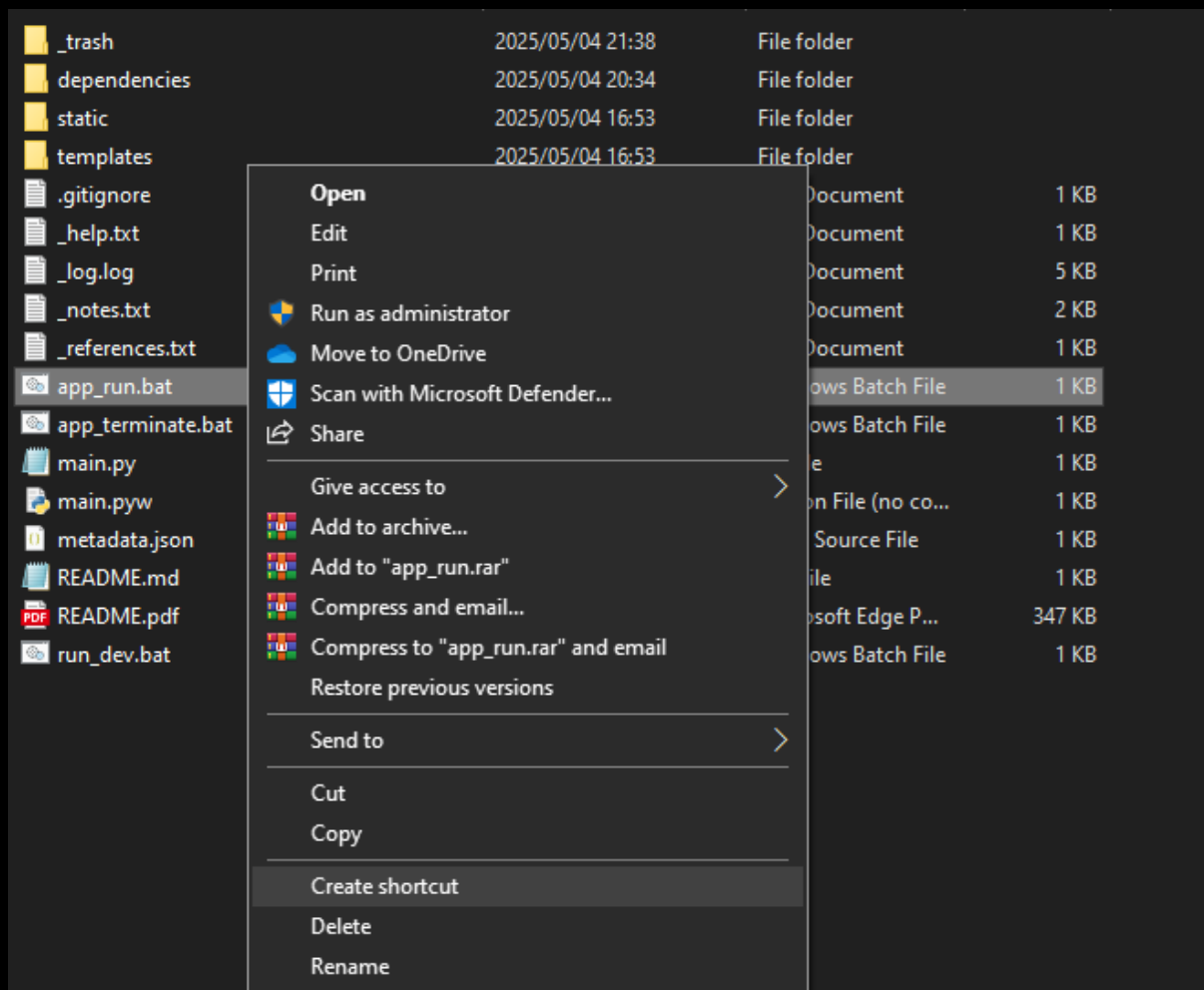
Double-click 'app_terminate.bat' to kill the local server

More notes

Setting the app as a shortcut on the Windows OS

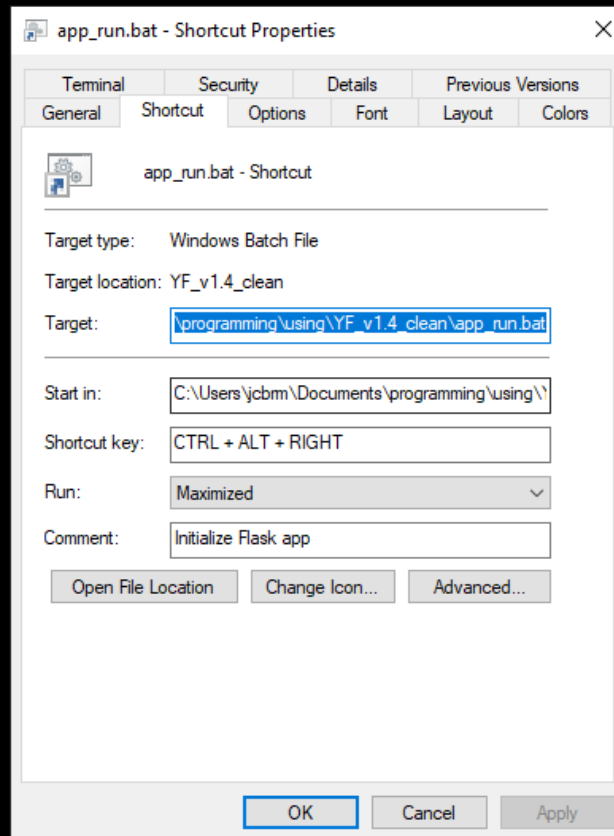
NOTE: Steps 3 onwards is not necessary

1) Create the shortcut for 'app_run.bat'



2) Move the shortcut file to an easily accessible location; example 'Desktop', Documents'

- 3) Modify the properties of the shortcut. Select 'Properties > Shortcut'. You should see the following window.



- 4) Modify the 'shortcut key' field.
My shortcut-combo is 'CTRL + ALT + RIGHT'. You can change yours to any combo.
- 5) Apply the changes. Close the Properties window.
- 6) Test the shortcut
- Double-click the shortcut file
 - Press the shortcut combo that you created. Wait for about 5 seconds for the CLI to display

7) The steps can be applied to kill the server

References and tools

ERD

- <https://www.drawio.com/>

ASCII art

- <https://patorjk.com/software/taag/>

Flask and SQLite

- https://github.com/GH0STH4CKER/YoutubeTutorialSourceCode/blob/main/Python_Flask_CRUD_SQLite/app.py
- <https://www.youtube.com/watch?v=KO0FufpqC7c>

Flask docs

- <https://flask.palletsprojects.com/en/stable/>

Styling

- <https://getbootstrap.com/>
- <https://fonts.google.com/>

View the data from the SQLite database

SQLite studio - <https://sqlitestudio.pl/>

DB browser sqlite - <https://sqlitebrowser.org/>

SQLite - <https://sqlite.org/>

Accessing webapp from other devices

- <https://stackoverflow.com/questions/62705271/connect-to-flask-server-from-other-devices-on-same-network>

Instructions

disable the firewall temporarily

```
netsh advfirewall set allprofiles state off
```

```
netsh advfirewall set allprofiles state on
```

or

go to firewall settings and turn it off and on

