**Steps to Start and Run project:**

Necessary External Libraries: (anaconda3 environment was used for some convenience)

*- Django (for framework)*

*- psycopg2 (for PostgreSQL adapter)*

Software*:*

*- python 3.8+*

- PostgreSQL database of some kind

- IDE for python

On command line, run:

- Create an Anaconda or Python environment.

- Activate environment install libraries

**$ activate <environment-name>**

**$ pip install psycopg2**

*- Create project:*

**$ django-admin startproject favourites .**

*- Run Server: (port <9000> can be set to any available port)*

**$ python manage.py runserver 9000**

- Create a PostgreSQL database called ***favourites***

- In the *<project>\config\config.ini* file in the code that I made and use, please update the database credential and connection information as required.

*NAME=favourites  
USER=<db username>  
PASSWORD=<db password>  
HOST=<host>  
PORT=<port>*

*- While the app server is running, Open a new/second command prompt into the same directory and activate environment.*

**$ activate <environment-name>**

- In the command prompt active in the Anaconda/python environment and in the project directory, run the below to migrate the DB Table from code to DB. (models.py)

**$ python manage.py makemigrations**

- This will return a migration number (eg 0001, 0002, etc.) use this migration code in next line (<migration number>)

**$ python manage.py sqlmigrate backend <migrate number>**

- Then:

**$ python manage.py migrate**

The project I created should now be ready for use.

To run project, go to the below address in the browser:

**http://127.0.0.1:9000/**

*http://127.0.0.1:<port>/*

Please let me know if there are any questions or if you would like me to share the project another way.

Thank you!