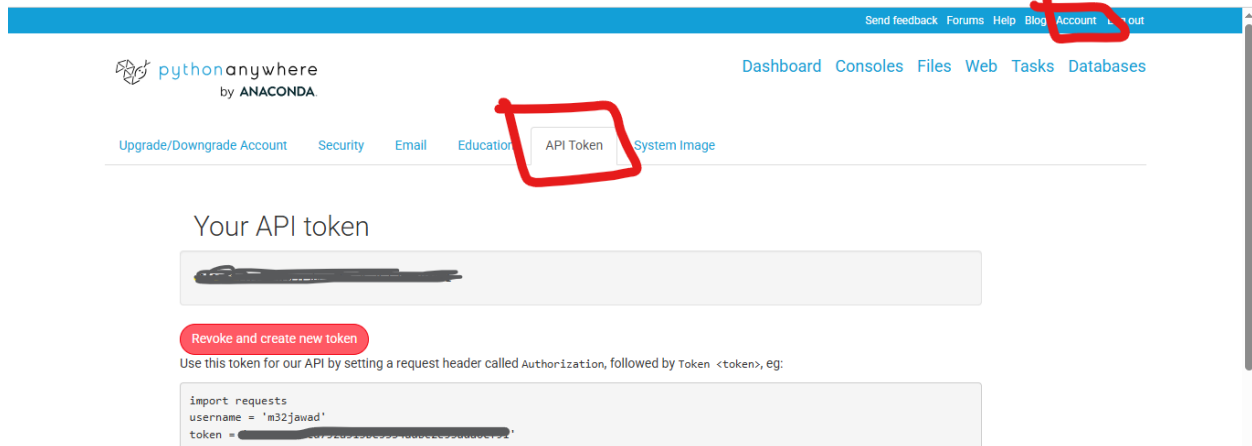
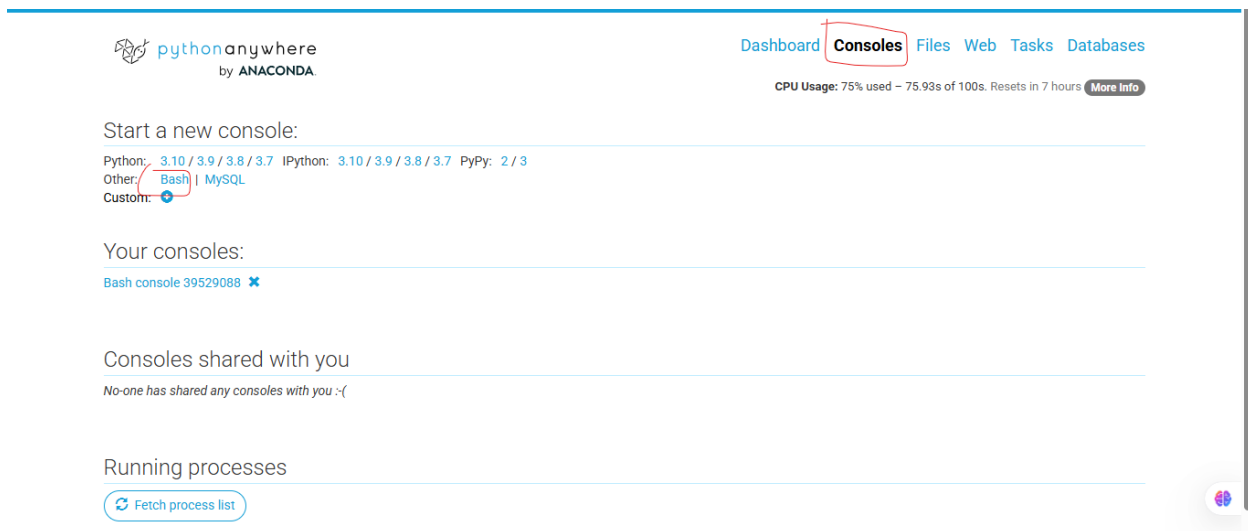


Deploy Mahjong game on PythonAnywhere

1. Login / Register to PythonAnywhere.
2. Go to Accounts tab and create API Token



- Go to consoles tab and select bash console



4. In console window enter the following commands to clone the repository containing your game's code and install required dependencies.

```
git clone https://github.com/m32jawad/MahjongGame.git
cd MahjongGame
git checkout master
pip install --upgrade pythonanywhere
mkvirtualenv my_venv --python=python3.10
pip install flask-socketio gunicorn eventlet
pip install -r requirements.txt
```



Bash console 39538245

```
18:26 ~ $ git clone https://github.com/m32jawad/MahjongGame.git
Cloning into 'MahjongGame'...
remote: Enumerating objects: 79, done.
remote: Counting objects: 100% (79/79), done.
remote: Compressing objects: 100% (69/69), done.
remote: Total 79 (delta 5), reused 72 (delta 3), pack-reused 0 (from 0)
Unpacking objects: 100% (79/79), 994.59 KiB | 531.00 KiB/s, done.
18:28 ~ $ cd MahjongGame
18:28 ~/MahjongGame (main) $ git checkout master
Branch 'master' set up to track remote branch 'master' from 'origin'.
Switched to a new branch 'master'
18:28 ~/MahjongGame (master) $ pip install --upgrade pythonanywhere
Defaulting to user installation because normal site packages is not writeable
Looking in links: /usr/share/pip-wheels
Requirement already satisfied: pythonanywhere in /home/m32jawad/.local/lib/python3.10/site-packages (0.15.5)
Requirement already satisfied: python-dateutil in /usr/local/lib/python3.10/site-packages (from pythonanywhere) (2.8.2)
Requirement already satisfied: packaging in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (24.1)
Requirement already satisfied: snakesay in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (0.10.3)
Requirement already satisfied: pythonanywhere_core==0.2.4 in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (0.2.4)
Requirement already satisfied: schema in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (0.7.7)
Requirement already satisfied: tabulate in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (0.9.0)
Requirement already satisfied: docopt in /usr/local/lib/python3.10/site-packages (from pythonanywhere) (0.6.2)
Requirement already satisfied: requests in /home/m32jawad/.local/lib/python3.10/site-packages (from pythonanywhere) (2.31.0)
```

5. Create your website. Replace YOURUSERNAME with your pythonanywhere username

```
pa website create --domain YOURUSERNAME.pythonanywhere.com --command '/home/YOURUSERNAME /.virtualenvs/my_venv/bin/gunicorn --worker-class eventlet -w 1 --chdir /home/YOURUSERNAME/MahjongGame --bind unix:${DOMAIN_SOCKET} app:app'
```

now you can access your website YOURUSERNAME.pythonanywhere.com

Additional Commands

Getting and listing websites

You can get a list of async websites from PythonAnywhere with this command:

```
pa website get
```

You'll get something like this:

```
domain name          enabled
-----
YOURUSERNAME.pythonanywhere.com  True
```

And you can get the details for one website like this:

```
pa website get --domain YOURUSERNAME.pythonanywhere.com
```

...which will display something like this:

```
-----
domain name  YOURUSERNAME.pythonanywhere.com
enabled      True
command      /home/YOURUSERNAME/.virtualenvs/my_venv/bin/gunicorn --worker-class even
tlet -w 1 --chdir /home/YOURUSERNAME/Flask-SocketIO/example --bind unix:${DOMAIN_SOCKET} app:app
-----
--
```

Reloading

If you change the code of your website, you'll need to reload it to activate those changes:

```
pa website reload --domain YOURUSERNAME.pythonanywhere.com
```

If all goes well, you'll see this:

```
< Website YOURUSERNAME.pythonanywhere.com has been reloaded! >
\
~<:>>>>>>>>
```

...and if you visit the site, you'll see that it's been updated to run your new code.

Delete

To delete your website, use this:

```
pa website delete --domain YOURUSERNAME.pythonanywhere.com
```

If all goes well, you'll see this:

```
< Website YOURUSERNAME.pythonanywhere.com has been deleted! >
  \
  ~<:>>>>>>>>>
```

...and the website will be gone, and replaced with our default "Coming Soon!" page.

Official Article link: <https://help.pythonanywhere.com/pages/FlaskSocketIO/>