Prerequisites
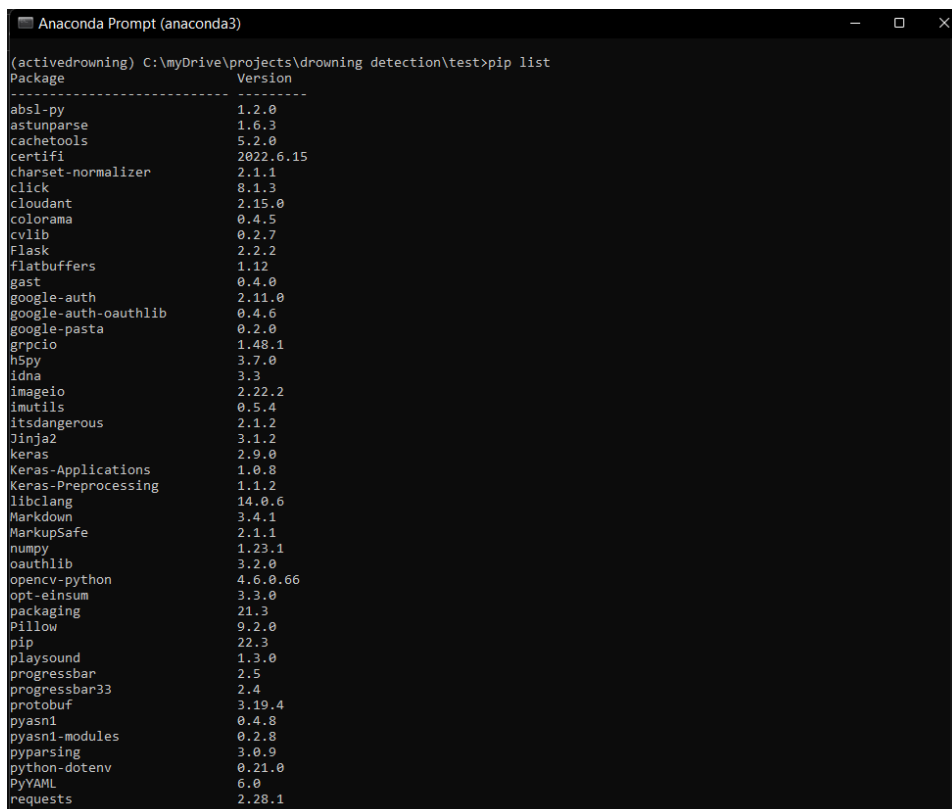
Date	03 October 2022
Team ID	PNT2022TMID32676
Project Name	Virtual eye - Lifeguard for swimming pools for active drowning

Install Python Packages

If you are using anaconda navigator, follow the below steps to download the required packages:

- Open anaconda prompt as administrator.
- Type "pip install tensorflow==1.15.2" and click enter.
- Type "pip install keras=2.2.4" and click enter.
- Type "pip install opencv-python==4.1.0.25" and click enter.
- Type "pip install imutils" and click enter.
- Type "pip install flask" and click enter.
- Type "pip install progressbar33==2.4" and click enter
- Type "pip install playsound==1.3.0" and click enter

Screenshot of packages after installation:

```
Anaconda Prompt (anaconda3)                                                    —    ☐    ✕
itsdangerous             2.1.2
Jinja2                   3.1.2
keras                    2.9.0
Keras-Applications       1.0.8
Keras-Preprocessing      1.1.2
libclang                 14.0.6
Markdown                 3.4.1
MarkupSafe               2.1.1
numpy                    1.23.1
oauthlib                 3.2.0
opencv-python            4.6.0.66
opt-einsum               3.3.0
packaging                21.3
Pillow                   9.2.0
pip                      22.3
playsound                1.3.0
progressbar              2.5
progressbar33            2.4
protobuf                 3.19.4
pyasn1                   0.4.8
pyasn1-modules           0.2.8
pyparsing                3.0.9
python-dotenv            0.21.0
PyYAML                   6.0
requests                 2.28.1
requests-oauthlib        1.3.1
rsa                      4.9
scipy                    1.9.1
setuptools               61.2.0
six                      1.16.0
tensorboard              2.9.1
tensorboard-data-server  0.6.1
tensorboard-plugin-wit   1.8.1
tensorflow               2.9.2
tensorflow-estimator     2.9.0
tensorflow-io-gcs-filesystem 0.26.0
termcolor                1.1.0
typing_extensions        4.3.0
urllib3                  1.26.12
Werkzeug                 2.2.2
wheel                    0.37.1
wincertstore             0.2
wrapt                    1.14.1

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

(activedrowning) C:\myDrive\projects\drowning detection\test>
```