**Readme**

**Software Required: -**

1. Pycharm
2. Google Earth Pro:- To get images.

**Installation**

Download the Google Earth Software from the link:

<https://www.google.com/intl/en_in/earth/versions/>

(Download the satellite image using this software keeping the height of 500m in jpg format)

These instructions will help you to install all required files in window pycharm.

Step 1:- Set project interpreter in pycharm of Python 3.7

Step 2:- Setup virtual environment:- pip install virtualenv

Step 3:- Install Flask:- pip install flask

Step 4:- Install Flask-Login:- pip install flask-login

Step 5:- Install Flask-SQLAlchemy:- pip install flask-sqlalchemy

Step 6:- Install SQLAlchemy:- pip install sqlalchemy

Step 7:- Install opencv-python:- pip install opencv-python

Step 8:- Install Image:- pip install image

Step 9:- Install Pillow: pip install Pillow

Step 10:- Run command

python

from app import db

db.create\_all()

to connect it with database

OR

In Pycharm click on ‘File’ then ‘Settings’. After clicking on ‘Settings’ one window will be popped up on the screen. Then click on Project Interpreter. From project interpreter install following packages.

- Flask

- Flask-Login

- Flask-SQLAlchemy

- SQLAlchemy

- opencv-python

- Image

- Pillow

- Run command

python

from app import db

db.create\_all()

to connect it with database

**Running**

Run the following code:

python3 app.py

Click on the localhost link generated in the terminal