Setting up Environment:

Installations required:

* Python 3.7 and required libraries that are imported in python project
* Android Studio
* Xampp

Setup:

1. Open Xampp control panel and start ‘Apache’ and ‘MySql’
2. Go to Android Project => connection Package => PhpConnection file and specify the url on which upload.php is running on line: 39.

Request request=new Request.Builder().url("http://192.168.137.1/VideoUpload/upload.php")

1. Specify the location of ‘human\_activity\_reco.py’ file on your machine in the upload.php file. Edit this line

    $my\_command = passthru('C:\Users\hp\AppData\Local\Programs\Python\Python37\python.exe C:\Users\hp\PycharmProjects\human\_activity\human\_activity\_reco.py -m C:\Users\hp\PycharmProjects\human\_activity\resnet-34\_kinetics.onnx -c C:\Users\hp\PycharmProjects\human\_activity\action\_recognition\_kinetics.txt -i C:\xampp\htdocs\VideoUpload\videos\file2.mp4 -ip '.$ip\_address);

1. Build and run the android app.