COMPULSORY ASSIGMENT

This report serves as auxiliary documentation to fully understand the work done in this compulsory assignment. To see it more clearly, we will divide it into 3 parts:

* Back – End:

The logic of the Back - End is summarized in a series of commands that run through all the files, which are inside a Data folder, to extract their data; more ahead these files are transformed as the routes could be and finally we clean them.

|  |  |  |
| --- | --- | --- |
| Def handle(self, \*args, \*\*options): | | |
|  | # r=root, d=directories, f = files |
|  | for r, d, f in os.walk(PATH): |
|  | for file in f: |
|  | file\_path = self.get\_file\_path(r, file) |
|  | self.open\_file(file\_path) |

* Api Rest:

We use an Api with Django and Django Rest Framework to allow a Load Balance in the project, in addition to that our Back End is programmed in Python, and django is an open source web application framework written in Python. The development environment of the Api has been Visual Studio Code.

* Front – End:

The development of the Interface has been carried out in Angular 7 with the WebStorm development environment.

You can see the rest in our Github repository in: https://github.com/edijavi/DLS-Assignment1