**README – Final Project - Group 3 (OnlyHomes)**

**Group Members:**

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**Steps to be followed to run the project:**

1. Download the zip file and extract all the contents in the root directory
2. Please make sure that the csv files included in the zip file are in the same folder as the python files
3. Please make sure that all the python files are in a single folder
4. Before executing the python script, make sure to install following modules using following commands in cmd using following commands:

   python -m pip install numpy

   python -m pip install pandas

   python -m pip install requests

   python -m pip install xlwt

   python -m pip install bs4

   python -m pip install lxml

   python -m pip install matplotlib

4. To start execution, please run '**project_main.py'** file by executing following in cmd:

   (Make sure your cmd prompts to folder where all the zipped files are stored)

   cd pathname

   python project_main.py

5. Once the execution starts, the console will prompt to select a particular option in the menu.

6. Please follow the prompts listed in the program and enter inputs accordingly

    Sample input to view results:

    Zipcode : 15217

    Neighbourhood name : Squirrel Hill

    Number of beds : 2

    Number of baths : 1

    Maximum rent : 1200

7. Make sure to close all the visualisation graphs in order to keep the loop running.

8. Press 4 to exit application.

Once you have completed all the steps, you can visit our demonstration video to understand how the product functions.
Link to video: https://youtu.be/3Lxn3ofjRIY