**Installation Guide**

Steps to install:

1. This project uses quite a lot of python packages, and thus it is important to install them first to avoid problems later.
2. We have used python 3.7 here.
3. Install the following libraries:
4. PyPDF2
5. ZipFile
6. csv
7. os
8. requests
9. flask
10. werkzeug
11. json
12. Once you have installed these libraries, open a terminal and headover to the project directory (inside /pyfiles)
13. Here we need to set up the flask environment variables.
14. Type, export FLASK\_APP = flask\_control.py. This is because the flask\_control.py is the main app/server for this project.
15. Next type, export FLASK\_DEBUG=1, so that when you refresh the page with changes in the code, we don't have to instantiate the server repeatedly.
16. Write "flask run" to start the server.
17. By default, flask opens in port: 5000. In a web browser, preferably Chrome, write "localhost:5000".
18. The home page should load up a form.
19. Enter the skills required for the particular job, separated by commas.
20. The resumes should be encapsulated in a zip file, and then uploaded.
21. The output should be the scores for each resume.

NOTE: The scoring and skill extraction algorithm is yet to be optimised further. We will incorporate priority-based skill scoring as well. Our application will include more advanced skill relativity algorithm in future versions. Features like ranking the resumes, parameterised filtering will be projected in the final working prototype.