Automated CV Analysis

**1. Introduction**

This section gives a scope description and overview of everything included in this SRS document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

* 1. **Purpose**

The purpose of this document is to give a detailed description of the requirements for the “Automated CV Analysis” system. It will illustrate the purpose and complete declaration for the development of system. It will also explain system constraints, interface and interactions with other external applications. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

**1.2 Scope**

The “Automated CV Analysis” is a cognitive system that helps HR employers to analyze CVs and gets the best matched position and filtering out those who don’t.

Every HR department at any company around the world can use our API according to its requirements. HR Administrator uses the API to administer the system and keep information accurate. (Ex. Add/Update CVs..)

Furthermore, the software needs Internet connection to fetch and display results. All CVs are located in local disks which belongs to the company that uses the API or in a cloud which maintained by the same company.

**1.3 Abbreviations and definitions**

|  |  |
| --- | --- |
| **Term** | **Definition** |
| API | Application Program Interface |
| Applicant | Someone who interacts with the HR System and the API |
| Admin/Administrator | System administrator who is given specific permission for managing and controlling the API |
| … | … |

**2. Overall description**

This section will give an overview of the whole system. The system will be explained in its context to show how the API interacts with other systems and introduce the basic functionality of it. At last, the constraints and assumptions for the system will be presented.

**2.1 Product functions**

API will receive applicants’ CVs for analysis. The results will be based on the criteria of the applicant. There are several search criteria and it will be possible for the administrator of the system to manage the options for those criteria. The result of the search will be viewed either in a list view or in a graph, depending on what criteria included in the search.

**3. Requirements**

**3.1 Functional Requirements**

1. Creating API KEY for each company.
2. Opening and reading CVs (\*.PDF, \*.DOCX)
3. Comparing, sorting and taking a decision.
4. Sending an Email to the accepted applicants.
5. Export logs.

**3.2 Non-Functional Requirements**