Jobs Management Application

Vision

Version 1.0

Revision History

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| --- | --- | --- | --- |
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| 15.03.2018 | 1.0 | First vison of the project | Galeata Bianca-Floriana |
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Vision

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Jobs Management Application. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the Jobs Management Application fulfills these needs are detailed in the use-case and supplementary specifications.

## Purpose

This project is about the relationship between employer and the future employee. Our purpose is to obtain a simple way for persons to find a workplace and for companies to present their vacancies. In this idea, the project will consist of designing and implementing an online application where future employees and their employer can find each other easier than before.

## Scope

Each person is at least once in a position where it has to look for a job. This process can take a lot of time because for finding the right workplace there are many factors to consider. The job market is rather wide, so a rigorous filtering is needed to find a suitable job. The searching can be done by different methods, both online and offline, each of them having advantages and disadvantages. But, how today most of the things are done online, we are proposing to offer an online solution that will facilitate this process of finding a job.

On the other hand, neither for a company is easy to efficiently promote a job. In this situation, an application where a job can be easily exposed is needed. This project will cover this part too, providing a solution to promote jobs to a target audience.

This application is destined to any person who is looking for a job and any company which have a job to offer. Even if you are a student who is looking for a part-time job, a freshly graduated looking to start his career, or just a person looking for another workplace, this application is the solution to your loosed time on searching.

## Definitions, Acronyms, and Abbreviations

**Part-time job** - form of employment that carries fewer hours per week that a full-time job [1]

**Full-time job** - employment in which a person works a minimum number of hours defined by his/her employer [2]

**Internship** - a period of [work experience](https://en.wikipedia.org/wiki/Work_experience) offered by an organization for a limited period of time [3]

## References

[1] *Part-time contract*, from <https://en.wikipedia.org/wiki/Part-time_contract> [18-03-2018]

[2] *Full-tim*e, from <https://en.wikipedia.org/wiki/Full-time> [18-03-2018]

[3] *Internship*, from <https://en.wikipedia.org/wiki/Internship> [18-03-2018]

[4] *Angular*, from <https://angular.io/> [18-03-2018]

## Overview

In the next sections, will be detailed the scope and the purpose of this project. In section 2, the discussed problem is presented and how this application is going to solve it.

The next section will present who is going to use the application and will offer a characterization of every type of user included in the target audience.

The last section will cover the requirements that the application will respect and the standards that will be implemented.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | people to find a workplace that are suitable for them and companies to promote theirs available jobs |
| affects | anyone who are looking for a workplace and companies which have vacancies |
| the impact of which is | losing time in looking for a job or in promoting one |
| a successful solution would be | a web application, where people can easily look and apply for a job and where companies can present theirs vacancies jobs. |

## Product Position Statement

|  |  |
| --- | --- |
| For | people and companies |
| Who | are looking for a workplace or promoting one |
| The (product name) | is a software application |
| That | simplify the way of looking for a job or promoting one |
| Unlike | The existing application with similar purpose which have a complicated manner to present and promote jobs |
| Our product | has a searching method based on many factors and a good classification which can provide the best jobs that someone is looking for. On the companies side, it has a multitude of the categories where a single job can be framed, so it can be easily found by interested people. |

# Stakeholder and User Descriptions

In this section will be described involved people in the project and those who will use the application. The purpose is to identify the right needs every user has and to be sure that the best solution is offered.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Project manager | In charge of the planning and execution | Supervise the progress of the project |
| Tester | Test the application | Discovers bugs and problems that the application has |
| Programmer | Implement the application | Write the code needed to offer the required functionalities |
| Software architect | Design the application | Offer a good architectural solution for the project |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| unemployed user | Anyone who is looking for a job (student, unemployed etc.) | Use the application to find a suitable job with his preparation and requirements | - |
| company representative | A person who represent a company | Use the application to promote the company’s vacancies | - |

## User Environment

The main purpose of the project is to decrease the time spend on searching a workplace and on promoting one. The solution offered should be easy to use, intuitive and addressed to a wide range of users.

The Jobs Management Application can be used by anyone that is looking for a job:

* students (looking for a summer job or a part-time job),
* unemployed,
* persons who want to change their current job,
* graduates etc.

Any persons that is interested in finding a workplace, will be able to use the application from anywhere: from school, home or even from holiday. Their locations are not important because if they have an internet connection they may use the application anytime.

And also any company that has a job to offer can use the application. Even if is just a start-up or a big company, the process is the same and it can be done in just some clicks.

By using the application, people can find a job searching by different factors like:

* the city where the job is
* the domain
* the type of the job (part-time/full time etc.)
* the requirements (studies, experience etc.)

Companies can make a classification of their jobs, so them will appear only for interested people. The classification uses the same factors as the searching.

The application should provide an easy way to apply for a job, by sending a CV to selected companies.

The type of jobs that are included in the offer or can be included is rather wide, so anyone can find a job here or can offer one.

# Product Requirements

The project represents an application for two types of users:

* A user which is a person who is looking for a job
* A user which represent a company with workplaces to offer

With this application the first type user should do:

* Create account
* Search for a job
* Apply for a job

The company representative should have CRUD operation on company’s jobs.

The date about user, jobs etc. should be stored in a database.

Regarding user expectations, the application should offer an easy, simple and effective solution to find or offer a job. For this purpose, the application should be implemented in the online domain, as a Website.

For offering the best interaction with the application, the UI may be made in Angular, which can achieve the maximum speed possible on the Web Platform today [4]. The REST architecture solution may be also used, in order to fulfill standards between computer systems on the web [5].