Requirements Specification

Referral Application Recruitment



Contents

[Document guide 3](#_Toc113906215)

[Version 3](#_Toc113906216)

[Authors 3](#_Toc113906217)

[Project overview 4](#_Toc113906218)

[Project description 4](#_Toc113906219)

[Development environment 4](#_Toc113906220)

[Product vision 4](#_Toc113906221)

[Requirements 5](#_Toc113906222)

[Functional requirements 5](#_Toc113906223)

[Out of scope / Bonus functionalities 5](#_Toc113906224)

[To be delivered by Customer 5](#_Toc113906225)

[Product designs 6](#_Toc113906226)

[User stories 6](#_Toc113906227)

[UML diagrams 6](#_Toc113906228)

[Mock-ups 6](#_Toc113906229)

[Ideas 6](#_Toc113906230)

[Product backlog 7](#_Toc113906231)

[Sprint 1 7](#_Toc113906232)

[Sprint 2 7](#_Toc113906233)

[Sprint 3 7](#_Toc113906234)

[Mid-term demonstration 7](#_Toc113906235)

[Sprint 4 7](#_Toc113906236)

[Sprint 5 7](#_Toc113906237)

[Sprint 6 7](#_Toc113906238)

[Demonstration day 7](#_Toc113906239)

# Document guide

This document provides a description to the project, it delivers an overview of the requirements and it explains the technologies used to develop the product (Why and how).

This document is written for the technology consultant Alten. Because of this it is meant to be read by employees involved in the development of this project.

# Version

|  |  |  |
| --- | --- | --- |
| Version | Date | Description |
| 1.0 | 05-09-2022 | Document creation |
| 1.1 | 12-09-2022 | Added requirements after meeting |

# Authors

|  |  |
| --- | --- |
| Name | Student number |
| Jeremey Sas | 1028294 |
| Michael Heerkens | 1028285 |
| Marchano Gopal | 1038165 |
| Tobias Roessingh | 1042623 |

# Project overview

## Project description

Technology consultant Alten is currently using Microsoft Excel to manage, store and overview the points that their recruiters can earn through multiple ways, the given examples contain: Delivering a CV = 5 points, a job interview = 10 points and a contract proposal = 20 points.

The project is designed to take the management in Excel into a web application designed to make the usage easier and to make it possible to extend the application in the future.

## Development environment

The development environment chosen by our group is as followed:

* Front end: Angular
* Back end: C# API
* Database: SQL Express T-SQL

For more technical information, please check the technical report.

## Product vision

The vision for this product is a web application in which recruiters can manage employees, campaigns and pay out prizes to employees.

Employees can login to the system to check their score and ranking if assigned to a campaign.

## Requirements

### Functional requirements

* Recruiters need to be able to view, edit and delete employees
* Recruiters need to be able to view, edit and delete campaigns
* Recruiters need to be able to view, edit and delete tasks
* Recruiters can assign tasks to an employee
* Employees can only view their own information
* An employee can either receive a direct prize or receive points to get a higher ranking in the campaign he is signed into.
* Employees can see their points and the ranking list of the campaign they are signed into.
* Campaigns always have a start date and can sometimes have an end date, this because campaigns are allowed to be running for a long time
* Only recruiters can pay out prizes, this because they are the only ones that can look through the entire overview
* A campaign can be configured to either pay out direct prizes or a point system on which prizes will be paid out.
* Login will be developed internally; this will eventually be migrated into the Alten Active Directory login system.
* Web application needs to be available on the entire internet (No internal network)
* Ranking lists will be displayed with points and current place
* Employees can only be assigned to one campaign at a time
* The IT and Technology branches can either join the same campaign or can be split up to have the same campaign with their own branch based on the campaign configuration

### Out of scope / Bonus functionalities

* API for data access
* Report through email
* Weekly email notifications

### To be delivered by Customer

* Style guide

# Product designs

## User stories

## UML diagrams

## Mock-ups

## Ideas

# Product backlog

## Sprint 1

## Sprint 2

## Sprint 3

## Mid-term demonstration

## Sprint 4

## Sprint 5

## Sprint 6

## Demonstration day