Introduction

This requirement analysis report is designed by students of Reykjavík University. It is used to analyze an application for job seekers. The report is split into parts to simplify the work once we start working on the project.

* *Requirement List*: We start by listing down detailed requirements for the project so our platform should be easily accessible for users that will use the platform.  
  We rank the requirements from A to C where A is the most important requirement.
* *Use Cases*: Here we build Use Cases from the requirement list, where we explain how users will use our platform. The use cases are a way for us and the user to see how various scenarios work in our application, so we can make sure it is simple.
* *Description of User Groups*: To understand our users is important for our project, to make it as successful as possible. Creating this description will make it more simple for us to meet the users’ needs.
* *Wireframes and Prototype Interviews*: Once we have a clear vision of our requirements, use cases and user groups we proceed to design our wireframes that represent the layout of our application.   
  Then we add prototypes interviews to gather feedback from potential users, to make sure our design aligns with expectations of the users.
* *Other*: The last chapter is dedicated to looking at other similar applications and reviewing their pros and cons, as well as setting usability goals (UX goals)

Requirement List

| **Number** | **Name(and possibly a short description)** | **User group(s)** | **Priority**  **(A/B/C)** |
| --- | --- | --- | --- |
| 1 | User can navigate through the website using the navigation bar | Job Seeker | A |
| 2 | User can register as a job seeker | Job Seeker | A |
| 3 | User can log in as a job seeker | Job Seeker | A |
| 4 | User can edit their profile image | Job Seeker | A |
| 5 | User can edit their Name | Job Seeker | A |
| 6 | User can search available job offerings | Job Seeker | A |
| 7 | User can filter their job requirements by company | Job Seeker | A |
| 8 | User can filter their job requirements by category | Job Seeker | A |
| 9 | User can can filter by already applied for jobs | Job Seeker | A |
| 10 | User can see both date of offering and due date of offering | Job Seeker | A |
| 11 | User can see title of job offering | Job Seeker | A |
| 12 | User can see if the job is full time og part time job | Job Seeker | A |
| 13 | User can see where the job location is | Job Seeker | A |
| 14 | User can see what category the job is in | Job Seeker | A |
| 15 | User can see the jobs starting date | Job Seeker | A |
| 16 | User can see the job description | Job Seeker | A |
| 17 | User can see a link to company website | Job Seeker | B |
| 18 | User can push the apply button to apply for a certain job | Job Seeker | A |
| 19 | User can see if he has applied for a job, when he applied and status of application | Job Seeker | A |
| 20 | User can see the Title of the company | Job Seeker | A |
| 21 | User can see the address of the company | Job Seeker | B |
| 22 | User can see the logo of the company | Job Seeker | C |
| 23 | User can see the cover image of the company | Job Seeker | C |
| 24 | User can see description of the company | Job Seeker | B |
| 25 | User can see see a list of all non due job offerings the company has where each job has a link to navigate the job offering | Job Seeker | C |
| 26 | User can put in all contact information | Job Seeker | A |
| 28 | User can put in a cover letter | Job Seeker | B |
| 29 | User can fill out a list of experience | Job Seeker | A |
| 30 | User can fill out a letter of reccomendation | Job Seeker | A |
| 31 | User can turn in a job application once he has filled out all information needed | Job Seeker | A |
| 32 | User gets all information needed when filling out a job application | Job Seeker | A |
| 33 | User can review their application before they submit it | Job Seeker | A |
| 34 | User receives confirmation when he has turned in a job application | Job Seeker | A |
| 35 | User can not go back when they have submitted a job application | Job Seeker | A |
| 36 | User can move between steps when turning in his job application | Job Seeker | B |
| 37 | User can create a job offering | Employer | A |
| 38 | User can register as an employer | Employer | A |
| 39 | User can log in as an employer | Employer | A |
| 40 | User can review applications | Employer | A |
| 41 | User can accept/deny applications | Employer | A |
| 42 | User can update information about the company | Employer | B |
| 43 | User can remove job offering | Employer | B |
| 44 | User can edit job offering | Employer | B |
| 45 | User can add logo and cover image of company | Employer | C |
| 46 | User can filter through applications | Employer | C |
| 47 | User can get contact information of applicant | Employer | B |
| 48 | User can deny many applications at once | Employer | C |

 Use Cases

|  |  |
| --- | --- |
| Name | Job seeker views Job Offerings |
| Number | 1 |
| Priority | A |
| Precondition | Job seeker is logged in to the website |
| Description | Job seeker must log in to the application, |
| Alternative flow | Job seeker is not qualified for the Job descriptions |
| Post condition | Job seeker can view available jobs |
| Source(requirements) | 4,8,9,10,11,12,13,14,15,16,17,19,20,21,22,23,24 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker Logs in 2. Job seeker navigates to the job offer site 3. Job seeker clicks on a specific job 4. Job seeker successfully views job details and reads about it |

|  |  |
| --- | --- |
| Name | Job seeker applies for a job |
| Number | 2 |
| Priority | A |
| Precondition | Job seeker is logged in to the application and on the |
| Description | Job seeker applies for a job by putting in all necessary information that is required |
| Alternative flow | Job Seeker puts in wrong information or forgets to put necessary information in |
| Post condition | Job seeker can view available jobs |
| Source(requirements) | 17,25,26,27,28,29,30,31,32,33,34 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into the application 2. Job seeker goes on the job offer site 3. Job seeker selects a job offering 4. Job seeker fills out the job application form 5. Job seeker receives confirmation that he has applied for the job |

|  |  |
| --- | --- |
| Name | Job seeker edits profile |
| Number | 3 |
| Priority | A |
| Precondition | Job Seeker is logged in to the application |
| Description | Job Seekers can manage their profile with editing both name and image |
| Alternative flow | Job Seeker tries to edit their social security number but cannot |
| Post condition | Job Seeker successfully updates their profile |
| Source(requirements) | 2, 3 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. User logs into application 2. User navigates to their profile 3. User updates image and name 4. User successfully updates their profile |

|  |  |
| --- | --- |
| Name | Job seeker filters out job requirements |
| Number | 4 |
| Priority | A |
| Precondition | Job seeker is logged in to the application |
| Description | Job seeker can filter out job requirements regarding their wishes |
| Alternative flow | None |
| Post condition | User filters out job requirement based on what they are looking for |
| Source(requirements) | 5, 6, 7 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into application 2. Job seeker navigates to the job offer site 3. Job seeker filters out his job requirements 4. Job seeker successfully filters out jobs based on his requirements |

|  |  |
| --- | --- |
| Name | Job seeker views Company details |
| Number | 5 |
| Priority | A |
| Precondition | Job seeker is logged in to the application |
| Description | Job seeker can view detailed information about a certain company |
| Alternative flow | If company has no job openings job seeker can see that |
| Post condition | Job seeker knows more about the company |
| Source(requirements) | 16,19,20,21,22,23,24 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into application 2. Job seeker navigates to the company details section 3. Job seeker selects company to view 4. Job seeker successfully view details about a company |

|  |  |
| --- | --- |
| Name | Job seeker reviews job application status |
| Number | 6 |
| Priority | A |
| Precondition | Job seeker is logged into the application and has applied for a job |
| Description | Job seeker can view the status of a job application including date when he applied |
| Alternative flow | None |
| Post condition | Job seeker successfully reviews job application status |
| Source(requirements) | 18 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into application 2. Job seeker navigates to the job application section 3. Job seeker selects application to view 4. Job seeker successfully views the application status |

|  |  |
| --- | --- |
| Name | Job seeker navigates Job Application Steps |
| Number | 7 |
| Priority | A |
| Precondition | Job seeker is in the process of applying for a job |
| Description | Job seeker can change pages on the job application as he likes |
| Alternative flow | None |
| Post condition | Job seeker successfully navigates through the steps of the application |
| Source(requirements) | 34 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into the application 2. Job seeker starts the job application 3. Job seeker Navigates through each step successfully |

|  |  |
| --- | --- |
| Name | Job seeker gets confirmation of a job application |
| Number | 8 |
| Priority | A |
| Precondition | Job seeker has filled out all requirements for a certain job |
| Description | Job seeker receives a confirmation about a job he applied for |
| Alternative flow | None |
| Post condition | Job seeker receives a confirmation |
| Source(requirements) | 32 |
| Actors | Job Seeker |
| Author | Helgi Steinar Jónsson |
| Main Success | 1. Job seeker logs into application 2. Job seeker successfully puts in all required information 3. Job seeker submits application 4. Job seeker receives confirmation that he applied for the job |

|  |  |
| --- | --- |
| Name | Employer creates a job offering |
| Number | 9 |
| Priority | A |
| Precondition | Employer has registered with the site and is logged in |
| Description | Employer creates a job offering where he writes down requirements and what type of staff is looked for |
| Alternative flow | Employer is not logged in and is unable to create the job offering |
| Post condition | Job offering is posted |
| Source (requirements) | 37 |
| Actors | Employer |
| Author | Brynjólfur Ingvarsson |
| Main Success | 1. Employer logs in 2. Employer clicks create new job offering 3. Employer fills in fields where he lists requirements and what type of staff is looked for 4. Employer states deadline |

|  |  |
| --- | --- |
| Name | Employer reviews applications and accepts the one he likes most |
| Number | 10 |
| Priority | A |
| Precondition | Employer has created a job offering and people have applied for it before the deadline |
| Description | Employer reviews applications, using filters to find the candidates he deems best suited for the available job |
| Alternative flow | Employer creates a job offering but the deadline runs out before anyone has applied for it |
| Post condition | Employer finds the contact information of the applicant best suited and contacts him for a meeting, and denies all other candidates simultaneously |
| Source (requirements) | 40, 41, 46, 47, 48 |
| Actors | Employer |
| Author | Brynjólfur Ingvarsson |
| Main Success | 1. After the deadline the employer looks through a list of applicants 2. He filters through based on education and age 3. He clicks the applicants he most likes and uses their contact information to set up a meeting 4. He selects all others and denies their applications simultaneously |

User Group Analysis

Here we have a basic analysis on the user groups to see information about them and what we need to know before taking the next steps.

|  |  |  |
| --- | --- | --- |
| **Name of group** | **Job seeker** | **Employer** |
| **Who / Background** | *Age*: 18+ | Age: 22+ |
|  | *Gender*: All genders | Gender: All genders |
|  | *Technical* *skills*: basic technical skills (at least) | *Technical skills*: mediocre technical skills (at least) |
| **What / Equipment** | Computer, phone, tablet | Computer |
| **Why / Main Goals** | Find a new job | Find new employees to add to the roster |
|  | Apply for jobs | Update information about the company |
|  | Seek information on companies to apply with | Create application |
|  | Check status of applications |  |
|  | Update information about themselves |  |
| **Where / Environment** | Mainly at home | Mainly at work |
| **When / Usage of application** | *How often*: Depends, few times per day, every week  *For how long each time:*  < 1 Hour | *How often*: Depends, few times per day, every week  *For how long each time:*  < 1 Hour |
| **How Important** | Very important | Very Important |

Prototype interviews:

The test conductor welcomes the user and reads an introduction to the user.

*“Welcome, and thank you for taking the time to help us with this project. We appreciate you testing this prototype and would love your feedback if there are are things you can help us improve. All input is much appreciated.  
We made a prototype of an application for people looking for jobs and employers looking for employees. We will ask you to navigate through it. The goal of the application is to help people find suitable jobs and help companies find the best candidates for the job.”*

The conductor asks the user the background questions. Questions Before Testing

o What’s your name.  
o How old are you?  
o Do you have experience working in tourism?

*If the interviewee answered yes*

• Do you use any apps while working?

o Have you traveled, abroad or locally?

*If the interviewee answered yes*

* Do you use any apps while traveling abroad?
* Do you use any apps while traveling locally?

o Do you use a computer in your everyday life?

*If the interviewee answered yes*

* What do you utilize computers for?
* How many hours per day do you typically use computers?

o I will ask you to complete a series of tasks. Do you have any questions before we begin?

Other

Here we look at other applications with similar goals, as well as defining the usability goals of the application.

Other similar applications:

**Alfred.is:**

*Pros:*

* Clear design
* Easy to navigate
* Shows all information needed
* Easy to filter out

*Cons:*

* Repetitive, filters both on the side and on top
* A lot of stimuli, can be distracting

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**starfsleit.is:**

*Pros:*

* Good looking logo
* Not too much going on, clearly for one purpose

*Cons:*

* Header takes up too much space
* Can’t see available jobs without searching

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A computer screen shot of a website

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**Störf.is:**

*Pros:*

* Clear navigation bar
* Job offerings on front of website

*Cons:*

* Filtering not intuitive

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**island.is/starfatorg:**

*Pros:*

* Big ads for job offerings makes easy to see what the job offering is about
* Filtering easy and intuitive without taking up too much space

*Cons:*

* Not it’s own website
* Cold and unpersonal looking

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**Job.is:**

*Pros:*

* Good design with clear navigation
* Job offerings showing on front page

*Cons:*

* Missing filtering
* Limited information on job offerings on front page

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**Hagvangur.is:**

*Pros:*

* Clear about it’s purpose
* Informational
* Big job offering ads that tell where the job is

*Cons:*

* No filtering through jobs
* Few jobs on site
* Does not say enough about employer

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A screenshot of a computer

Description automatically generated

**Geko.is:**

*Pros:*

* Specialized for certain type of work so the user knows what he is getting

*Cons:*

* Nothing on front website
* Design is not great

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