Job Seeking Website

Software Requirements Specification

1.0

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Jagadeesh

Lead Software Engineer

Prepared for

Instructor: Dr. Dennis Wong

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# Revision History

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# Document Approval

The following Software Requirements Specification has been accepted and approved by the following:

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| --- | --- | --- | --- |
| **Signature** | **Printed Name** | **Title** | **Date** |
| Jagadeesh | Jagadeesh | Lead Software Eng. | 6/28/2017 |
|  | Dr. Dennis Wong | Instructor |  |
|  |  |  |  |

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# 1. Introduction

The introduction to job seeking website (JSW) provides an overview of complete document. International students have to know about different rules in United States to get a job. Job seeking website gives a brief idea of requirements for international students in getting a job and acts as a platform between employers and employees.

## 1.1 Purpose

As companies in the USA will look many things while hiring a person. They will mainly look at the person’s immigration status, citizenship, etc. As of now, there is no job seeking website particularly for the international students, where they can update their status and employers who are willing to hire them will only be posting the jobs. Most of the job seeking websites, as of now will allow international students for searching jobs by filtering technical knowledge. But these websites won’t help students in getting to know whether the company is hiring students in OPT and whether they will sponsor for H1b or not. The purpose of our website is to help international students in getting a job and making international students familiar with opt and H1b norms.

## 1.2 Scope

We are going to design a job seeking website which will be mainly helpful for the international students in getting a job based on their employment status, and guiding about the OPT and H1 norms of the United States. Our website is mainly helpful for software and management job seekers.

Our website will be having some special features like, students who are searching for jobs can limit their search by using some filters like jobs offered on OPT and jobs required H1 and also for students who are willing to change their location. They can also filter the jobs based on the fields and also they can search jobs in particular states.

We will provide a contact form where students can post questions and employers or our company representatives will be able to answer their questions. They can clarify wide range of doubts regarding opts and h1’s. On the home page of our website we will be posting the latest updates and any information related to the international students and their jobs.

We will be using technologies like HTML, CSS, Bootstrap and JavaScript for front-end design. We will be using Node.js for server side. The web page will be responsive. It can be used in all the devices. Our web page will be user friendly so that it can easily be accessed by users.

## 

## 1.3 Definitions and Abbreviations

**Abbreviations:**

JSW: Job seeking website

HTML: Hypertext markup language

CSS: Cascading style sheets

**Definitions:**

Node.js: JavaScript library

Mongo dB:  Cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with schemas.

## 1.4 References

We have used the following job seeking websites as a reference in developing UI and designing ideas.

(1) <https://www.monster.com/>

(2) <https://www.indeed.com/>

(3) <https://www.linkedin.com/>

(4) <https://www.naukri.com/>

(5) <http://www.careerbuilder.com/>

(6) <http://www.dice.com/>

(7) <https://www.ziprecruiter.com/>

## 1.5 Overview

The main objective of developing this website is to help international students in getting a job. This website provides a good idea about the rules and immigration status requirements along with the technical requirements of a company in hiring an international student by providing different tutorials. Our website also have blog where anyone among the users of the website can post a question or answer. Coming to technologies we are going to use the basic technologies for developing a website like HTML, CSS, JAVASCRIPT and NODE.js if required and a database Mongo dB for database requirements

# 2. General Description

Our website mainly consists of 6-8 pages embedded in tabs. We generally used a static navigation bar with five navigation items. As a user scrolls down in a particular page, the navigation bar will remains static and he doesn’t need to scroll up to move to another tab. This website consists of login/signup page, where a new user can sign up and an existing user can login using his credentials. Without any authentication, a user can explore the whole website and can create an account if he likes it. This website’s home page consists of a carousel, in which the logos with their respective company names which are seeking for employees will be displayed. The home page will also consists of a news feed, which is used to display the latest news regarding the employment opportunities, changes in H1B sponsorships, change in the rules for an OPT student and news regarding various companies in the United States of America. A user can upload his resume and can find the jobs that suits his profile. He can search for the jobs based on the category of the job and the years of experience he had in that particular field. Once a user is interested in a particular job, he is directed to the corresponding company website where he can apply for that job. Our website will be in co-ordination with many companies, as the most of the employer’s from various companies can post a job. A user can easily update his profile. Our website has a special tab called resources, where a user can get tips for finding a job and tips in writing or building a strong resume. This resource page will also provide some sample resumes and also some interview questions. In the about page, a user can find a video, which demonstrates our site and the services provided by our website.

## 2.1 Product Perspective

This is website which helps in getting a job and getting familiar to the employment rules and regulations of United States.

* Our product is a supportive in all the platform or software used by the end user.
* User can create update and view his profile all the required functionality is embedded.
* There is no limit regarding the number of people using the website.
* Search in the website is in the local database based on the keywords entered.
* The blog in the website is to discuss the problems of the job seekers by providing information required to them.

## 2.2 Product Functions

Themainfunctionof our product is to help a person in getting a job in the United States of America. The United States is a final destination for students from different nations helping these Students Knowing about different rules and regulations of the United States in getting a job is one of the important function of our product. Software industry of United States is composed of different companies which are all new to know for the international students of United States our product function in a way giving a clear idea about the software companies of United States. Our product has a blog anyone who is associated with our website can post a question that bothers them and get an answer from anyone who uses our website this function of our website makes it different from many other jobs seeking websites. Our product also helps in providing information about opt and h1b norms of United States. One more interesting aspect of our product is company can mark whether it is interested in providing h1b for the international employees. Filtering is the main functionality of our website you can create your account as employee or employer and filter based the companies which are interested in providing h1b and which are not. Uploading resumes and downloading them is also one of the chief functionality of our website.

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## 2.3 User Characteristics

The US-Ladders website is mainly for searching for job vacancies and opportunities in this vast society. In this website, the user may be a student or an employee who is willing to work and the other is an employer who is willing to hire the employees. In this website, a person who is seeking a job can upload a resume and can find a, which suitable for their profile. He can know his visa status. He can find whether a company is a sponsor for H1B or not. One can search for the jobs based on the category and experience. Once the user is willing to apply for a particular job, he will be directed to the corresponding company’s website and he/she can apply from there. This particular user can find the tutorials regarding the OPT and H1B and also some sample resumes and sample interview questions on this website.

When comes to the other user, an Employer who is willing to hire employees can post a job based on the category of the job, job description, qualification and skills required and also the experience required for that post.

## 2.4 General Constraints

The main thing regarding our website is that a user can access this website at any place and at any time from a computer or a mobile, that has internet capability. The colors we used on our website were the visual impression made by our site viewers. This website is mainly focused on the jobs in the United States of America. A user must have only one account. A user cannot upload a resume more than once. If he wants to change his resume, he has to update it. Most of the jobs available through this website are related to management, computer science, and information systems.

## 2.5 Assumptions and Dependencies

**Assumptions:**

* Companies will provide all the information mentioned as required in the site.
* Users will provide genuine information in the website like while uploading resumes and answering the questions posted in the website.
* Companies will post genuine job openings.
* As our website is not Unicode all the users of our website are comfortable with American English.

**Dependencies:**

* Depending on different information sources to update the information regarding the OPT and h1b norms.
* depending on various database providers for the storage of data of the users
* Depending on online resources to help in resume preparation, improving professionalism of the job seekers using our website.
* Depending on different companies human resource departments to provide information regarding job openings.