**INTRODUCTION**

The SRS typically contains a brief description of the project. It describes what the proposed software should do without describing how the software will for the do it. An SRS provides a reference for the validation of the final product, i.e, the SRS helps the client to determine if the software meets the requirements. SRS is the medium through which the client and user needs are accurately specified to the developer.

The basic objective of SRS is to specify the important requirements of the proposed system that are gathered during the system analysis. To satisfy the basic goals, an SRS should have some desirable characteristics: correctness, completeness, unambiguous, verifiable, modifiable and traceable, which we have observed throughout during the process in entirely.

This document provides details about the entire software requirements specification for the web application of online career Guidance system.

**PURPOSE**

The main purpose of this project is to design and implementation an online career guidance system which will enable Agnes College students to search and browse information about the jobs. This project is aimed at providing career information resources through online like vacancy details, training programs, practice tests and it gives students step-by-step instructions on career planning.

**SCOPE**

Online career Guidance system is the web application which builds the strong career by providing tips and advice for university or college students.

It provides information about occupations, Training programs and educational programs for students.

This project will also be able to provide students to find the right career by giving them a chance to explore education and training options, as well as build a portfolio using internet.

Administrator can maintain records of student’s activity reports, Occupation reports, practice tests, training programs, etc.

**DEFINITIONS, ACRONYMS AND ABBREVIATIONS**

This program is a menu driven program. When we click the menu options the different pages will be enabled.

SRS :- Software requirement specification

OCGS: - Online career Guidance system.

PHP:- PHP: Hypertext pre-processor  
PHP is a server scripting language, and is a powerful tool for making dynamic and interactive Web pages quickly. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

MySQL:- MySQL Database server  
MySQL is a most popular database system used on the web. It supports standard SQL Queries. The data in MySQL is stored in tables. A table is a collection of related data, and it consists of columns and rows.

**Reference:**

Book references:

* Software engineering by Pankaj Jalote
* Learning PHP, MySQL, JavaScript, and CSS: A Step-by-Step Guide to Creating Dynamic Websites by Robin Nixon

Internet references:

* www.w3schools.com
* www.php.net
* www.mysql.com

**OVERVIEW**

The project was designed to create an Online based guidance tool that would help students explore and make decisions about their career strands. The system, which is accessed through online, it allows to access vacancy details, training programs, practice tests. In addition to this the application also supports feature to search jobs, training programs, educational information’s, etc. This project also has some additional features like Success stories, Students feedback, etc. User Friendliness is provided in the application with various controls provided by system Rich User Interface. This is web application and its developed using PHP language. All the records stores in MySQL Database.

**OVERALL DESCRIPTION**

**PRODUCT PERSPECTIVE**

The product Online career Guidance System will be developed completely web application and it can be accessed over the internet. Only college students can login to the system by entering Login ID and password. After login students can view vacancy details, training programs, Course details, practice tests, etc. The students can directly apply for jobs through online. The administrator is the main user of this web application and he can add employee details, vacancy details, training programs, course details, etc.

**PRODUCT FUNCTION**

The product functions will include the following areas:

The application is capable enough to store all the records and also perform some editing on them that is added. User Friendliness is provided in the application with various controls provided by system Rich User Interface.

* The administrator generates students login id and password.
* Students can search jobs through online and he can view shortlisted candidate records.
* Students can view Upcoming training programs through online.
* The system makes the overall project management much easier and flexible.
* The user information can be stored in centralized database which can be maintained by the system.

**USER CHARECTERSTICS**

* Administrator has the full authority over the website. He can view all the registered users and have the power to delete them. He can edit the web pages and update them. He can view all the company details also.
* A basic knowledge of internet usage may take benefits of the software.
* The user of this product is supposed to be fairly educated about the usage of the computers.
* A person who has no knowledge of computers will find it difficult to understand the system. But with a little knowledge it will be very easy to handle the project.

**GENERAL CONSTRAINTS**

* Designed to run on Windows XP and further versions.
* Latest browsers like Internet explorer or Mozilla firefox or Google chrome required.
* Internet facility is essential to use this web application.

**ASSUMPTIONS AND DEPENDENCIES**

* Authentication is provided for this application only registered Users can access.
* Every user must enter valid login id and password to use this web application.
* It can be accessed over the Internet.

**SPECIFIC REQUIREMENTS**

**EXTERNAL INTERFACE REQUIREMENTS**

**USER INTERFACE**

The software provides good graphical interface for the front end which is self explanatory. The website is designed using HTML and CSS. PHP is used as front end and MySQL server used as backend. The developer will have to study the designing of the product.

**HARDWARE INTERFACE (MINIMUM)**

**Operating system:** Windows XP

**Hard disk:** 40 GB hard disk

**RAM :** 1 GB RAM

**Peripheral devices**

**Processor:** Intel Pentium or above

**SOFTWARE INTERFACE (MINIMUM)**

Design interface: HTML, CSS, AJAX.

Front End: PHP 5.2

Back end: MySQL Server 5.5

Server : Apache server 1.8.2

IDE : Adobe dreamweaver CS 6.0

**FUNCTIONAL REQUIREMENTS (MODULES)**

**Vacancy module**:-This module provides the students to register to this application and search for jobs, manage their profile. Also this module helps Students to directly apply for the job. It provides complete details of jobs with interview schedules, venue, interview details, etc.

**Educational module**:- This module provides specific information about educational programs and institutions that will prepare them for a career.

**Training programs Module:-** This module which provides details of training programs through online. The administrator can invite students for training programs with venue details, training program details, etc.

**Practice tests:-** This module which enables the students to write the test exams through online in effective way.   
**Settings module**:- Only administrator or employees of college can access this module. Administrator has a unique account with much special access permissions over normal users. In this module administrator or employee can manage the details of employee details, vacancy details, training programs, course details, etc.

**PERFORMANCE REQUIREMENTS**

The system is supposed to be having good memory space and RAM should be Above 1 GB preferably. The sound card and graphics card will have to be of good quality and capacity.

**DESIGN CONSTRAINTS**

* There are no memory requirements.
* The computers must be equipped with web browsers such as Internet explorer, Google chrome, Mozilla firefox , etc.
* A general knowledge of basic computer skills is required to use the product

**RELIABILITY**

This system is designed to have very simple database just to cater the exact need of Online career guidance system. It is tested for all the constraints at development stage

**SECURITY**

This can give the good security for user information because data is not in client machine. Authentication is provided for this application only registered Users can access.

**MAINTAINABILITY**

There will be no maintenance required for this web application. The database is provided by the end-user and therefore is maintained by this user.

**PORTABILITY**

The internet connection required.

**OTHER REQUIREMENTS (IF ANY)**

None