**Synopsis**

**IT Spark Corporation -**

**Career Services Enterprise**

*Submitted in fulfillment of the*

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*In*

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**INTRODUCTION**

This document is an overall description of the requirement for career services to be implemented in an organization.

This Report documents the process of designing, building and testing a software system to be used for marketing cyber space. The piece of software, and therefore the project, is known as an **IT Spark Corporation (A Career Services Enterprise)**. IT Spark Corporation is a web-app project. This project *IT Spark Corporation* is an Recruitment System in which jobseekers can register themselves and then attend the exam. Based on the outcome of the exam the jobseekers will be short listed. For fresher, the exam will be conducted at some venue after short listing of the preliminary Aptitude Test. The details of the examination, venue & Date of the examination will be made available to them through the web-app.

**OVERVIEW & SCOPE OF THE PROJECT**

The aim of this project is to design, build and test a Career services system. This will be a vastly complex software development project which will take approximately 4 months to complete. The project will be split up into stages and documented thoroughly throughout.

Project management is a key factor of this task to ensure the strict deadlines are adhered to. It is also of paramount importance that tried and tested practices and techniques from the field are adhered to ensure that no common development project mistakes are reproduced.

A quick look at the overall trends in Online recruiting shows the rise in the importance of marketing the web site, online training, dawn of video interviews and emergence of professional Internet Recruiters. Online recruiting and online recruiting systems, with its emphasis on a more strategic decision making process is fast gaining ground as a popular outsourced function.

The Project Development will involve rigorous coding, designing, testing and deploying at production server and q/a server. The project development workforce will have to work really hard.

**DEFINATION OF THE PROPOSED SYSTEM**

Presently recruitment is done manually. That is if a company or organization needs employees they make an announcement through newspaper. People who are eligible send application to the organization or company. From these applications they are called for interviews or tests. After tests company has to do short listing manually. From these shortlisted candidates, they are called for interviews. After interview short listed candidates are employed. So it’s all a time consuming procedure.

Recruitment is done manually. These tasks are time consuming. It may take one month or long. People around the world cannot apply. Online Recruitment system very convenient because in the manual system there are lot of difficulties in conducting and managing a recruitment exam, short listing, maintaining staff etc.

This project is aimed at developing a web-based and central recruitment Process system for the HR Group for a company. Some features of this system will be creating vacancies, storing application data, and Interview process initiation, Scheduling interviews, storing Interview results for the applicant and finally Hiring of the applicant. Reports may be required to be generated for the use of the HR group.

Ours system offers following ease-of-use features with a dynamic front-end:

* IT Spark Corporation’s career service enables the users to have the typical examination facilities and features at their disposal.
* It resolves typical issues of manual examination processes and activities into a controlled and closely monitored work flow in the architecture of the application.
* This multi-platform solution brings in by default, the basic intelligence and immense possibilities for further extension of the application as required by the user.
* The system makes it friendly to distribute, share and manage the examination entities with higher efficiency and easiness.
* It is a comprehensive resource for finding a job online.

**PROPOSED SYSTEM**

This project *IT Spark Corporation* is a web-app in which jobseekers can register themselves and then attend the exam. Based on the outcome of the exam the jobseekers will be short listed. For fresher, the exam will be conducted at some venue after short listing of the preliminary Aptitude Test. The details of the examination, venue & Date of the examination will be made available to them through the web-app.

Main Modules in this project:

1. Administrator

2. Jobseekers

3. Company

Brief description on the modules:

1. Administrator: Administrator has the full authority over the web-app. 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.

2. Jobseeker/Candidate: A jobseeker can register himself. After registration, he will be directed to his homepage. Here he can update his profile, change password and see the examination details and all.

3. Company: A company HR can register itself, conduct online examination, approve or disapprove candidates attending examination and provides results about the selected candidates.

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**TOOLS/PLATFORMS, LANGUAGES**

Language: JAVA, J2EE, HTML, CSS, JavaScript, SQL.

Tools: MyEclipse IDE 8.x, Red Hat’s JBoss Developer Studio 4.0, Adobe Dreamweaver CS5.5

Application Server (AS): Oracle Web-logic AS Enterprise Edition 10.3, JBoss AS 6

**SOFTWARE & HARDWARE SPECIFICATION**

**Hardware Specification**

CPU : PENTIUM IV

PROCESSOR SPEED : 2 GHz

TOTAL RAM : 128 MB

HARD DISK : 50 GB

KEYBOARD : 105 KEYS

MOUSE : LOGITECH MOUSE

DISPLAY : SGVA COLOR/ LCD

**Software Specification**

FRONT END : J2EE

BACK END : MICROSOFT ACCESS 2010 OR Oracle 10g

OPERATING SYSTEM : WINDOWS XP / 7

**REFERENCES**

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[4] The Java-soft tutorial and Java Documentation, by Oracle Corp.

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