Revision History

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| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 02/10/15 | 1.0 | Draft Version | Imtiaz Ahmed |

**Vision Artifact**

1.  **Introduction**

**1.1** **Purpose:** The purpose of this document is to define the high-level requirements of the system Sigma in terms of the needs of the end users.

**1.2 Scope:**This Vision Document applies to the system Sigma, which will be developed by a team of IT students of LUT.

**2. Positioning:**

**2.1 Business Opportunity: Will be added later. Or anyone please add**

**2.2 Problem Statement**

|  |  |
| --- | --- |
| The problem of | Finding an appropriate student for a job position by company and finding a desired job in company by student. |
| affects | Students (Job seekers), Companies (Job provider) and Recruiters(Third party) |
| the impact of which is | A slow and mostly unsatisfactory process for recruitments or job finding |
| a successful solution would be | Effective for job finding or recruitments and will attract students, companies and reqriters. |

**2.3 Product Position Statement**

|  |  |
| --- | --- |
| For | Students and Companies |
| Who | Select best student for job, get offer from desired company and earn as a third party |
| The Sigma | is a Web Portal |
| That | Effective and efficient way of job giving and job seeking. |
| Unlike | The tradition job finding sites |
| Our product | Provides location based, matching information about students which will ease pool making for interview immediately. For students, will suggest desired jobs to follow and help to show interest. |

**3. Stakeholder and User Descriptions**

**3.1 Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| Name | Description | Responsibilities |
| Students | Mostly university fresh graduates | - ensures that the system will meet the needs of students  - they will maintain their profile  - will receive notifications according to their choices |
| Company | Different companies who offer jobs | Represents the interest of companies |
| Recruiters | Third party who works for companies | Ensures that meets the needs of companies |
| Admin | Administrators and moderators of Sigma | Ensures the system meets the requirements of students and companies |

3.2 User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Responsibilities | Stakeholder |
| Students | Provide their interest, follow desired posts | Maintaining an updated profile and responsive to the system | Self represented |
| Company | Seek for students | They contact with chosen students selected from a pool provided by their requirements matching | Self represented or by third party |
| Recruiters | Will search students on behalf of company | They can post jobs, they can contact students and hire them | Represented by company |

**3.3 User Environment**

The University Fresh Graduates is a large sophisticated community that demands the flexibility and response time for job finding and besides companies also look for graduates in an effective manner that an on-line interest exchange platform can provide.

The users are educated, computer literate, and in most cases they have their personal/official computers. The ability to register in the system via computers and to review their updates and information on-line would greatly streamline job hunting or job giving process.

The initial release of Sigma will be limited to LUT, Computer Science students.

**3.4 Key Stakeholder or User Needs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Need | Priority | Concerns | Current Solution | Proposed Solutions | |
| Finding perfectly suitable student for an open job | High | The process slow and inefficient. | Company post jobs via different medium and wait for the applications from students, then make a pool for taking interview. | | Company can find a pool of students according to their requirements and can call them from the pool immediately. |
| Finding a desired job | High | The process is time consuming and needs much effort. | They apply for jobs by seeing job advertisements or leave an open application. | | Company will look for students and contact them according to their qualifications. Students also can follow many jobs according to their matched requirements. |
|  |  |  |  |  |  |

**3.5 Alternatives and Competition**

Many job portals are available now a days for make the purpose of job seeking and job giving possible. Linkedin is playing a significant role in this process. Linkedin is not limited within students, any person can open profile in Linkedin and to some extents the service is not completely free. But the established network is pretty big for Linkedin. Besides the privacy of users are not strictly maintained by competitors.

**4. Product Overview**

**4.1 Product Perspective**

**4.1.1 System Interface**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Name | Description | Type |
| S01 | Web | System will have web interface at phase 1 | Essential |
| S02 | Server | The server component of the system shall operate on Linux OS | Essential |
| S03 | Client | The client component of the system shall be OS independent | Essential |

**4.1.2 User Interface**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Name | Description |  |
| UI01 | Home page | This will be the main and first view of the portal. It will simply display a window to log in or to register. |  |
| UI02 | Log in view | It will receive user name and password and will start session accordingly |  |
| UI03 | Registration view | It will provide a registration form |  |
| UI04 | Search view | Search by key words |  |
| UI05 | Result view | It will display result in list |  |
| UI06 | Settings | Users can change or update information |  |

**4.2 Assumptions and Dependencies**

The system Sigma should use open data integrated with CKAN. It is assumed that it will be OS independent.

**5. Product Features**

This section defines and describes the features of the system Sigma. Features are the high-level capabilities of the system that are necessary to deliver benefits to the users.

**5.1 Login**

Students, Companies and Recruiters will be provided a valid ID and password for entry to Sigma. The system shall enable a user to change their temporary password.

**5.2 Register**

The system will provide distinct registration forms to fill up by students, companies or recruiters. Recruiters should be approved by company.

**5.3 Post Job**

The system will allow companies or approved recruiters to post job directly.

**5.4 Search Student**

The system will allow companies or approved recruiters to search students according to requirements matching.

**5.5 Enter, Update, and View Information**

The system will allow all users to maintain and to update their own profile.

**5.6 Contact Student**

The system will allow companies and approved recruiters to ask contact information from students.

**5.7 View Job Posts**

The system will allow students to see job post according to their preset preference which is matched with his/her qualifications.

**5.8 Apply for Job**

The system will allow students to apply for any open position by any company. .

**6. Other Product Requirements**

The system will support up to 2000 simultaneous users

**7. Constraints: Will be added later or anyone please add**