

Vision Document

JOBIFY -AN ONLINE JOB AND INTERSHIP PORTAL

SWE2003: REQUIREMENTS ENGINEERING AND MANAGEMENT

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1 Introduction

Purpose

“Jobify” is an online job and Internship portal. The purpose of designing the "Jobify" is to give the job seekers a platform for finding a right and a satisfactory job according to their qualifications. It also connects the job seekers with the major agencies. It also provides a job portal for Job Seekers to submit their CVs and apply for job posting and employers can select the best Employees from Available CV based on their payment option selection. This is basically a Job portal where job Seekers apply for jobs and employers post jobs and select prospective applicants. The job portal is prepared to provide all categories of jobs and help to get various types of jobs. The main purpose of the job portal is to provide the facility to job seekers for getting a quick job. So, it enables applicants to search for jobs conveniently and to enable employers to find suitable candidates.

Scope

This portal aims to provide services for all kinds of jobs. It aims to enable quick job application and recruitment in an effective way. Convenience is our foremost priority. Job seekers will use this application for getting up-to-date job posts and applying for decent jobs. Job provider will post those job circulars and can maintain the resumes and contact with the candidates. Admin panel can monitor all the information.

The online job Portal System that is to be developed provides the members with job information, online applying for jobs, and many other facilities. The basic scope of the project is given as under:

1. Maintain Job Seeker and Employer records
2. Maintain uploaded Resumes
3. Provide Customized Job Postings
4. Maintain Job Posting details and generate various reports
5. Maintain job seeker and employer job profile
6. Users can secure their account by login, secret questions, and privacy over their personal information

Definitions, Acronyms, and Abbreviations

- CV-Curriculum vitae
- HTML (Hyper Text Markup Language): It issued to create static web pages.
- JSP (Java Server Pages): It is used to create dynamic web content.

- J2EE (Java 2 Enterprise Edition): It is a programming platform, belonging to the Java platform, which is used for developing and running distributed java applications.
- WASCE (WebSphere Application Server Community Edition): It is an application server that runs and supports the J2EE and the web service applications.
- WSAD (WebSphere Studio Application Developer): It is a designer toolkit which is designed to develop more complex projects by providing a complete dynamic web service.
- DB2 (IBM Database 2): It is a database management system that provides a flexible and efficient database platform to raise a strong "on demand" business applications
- HTTP (Hyper Text Transfer Protocol): It is a transaction oriented client/ server protocol
- XML (Extensible Markup Language): It is a markup language that was designed to transport and store data.
- Ajax (Asynchronous Java Script and XML): It is a technique used in java script to create dynamic web pages.
- Web 2.0: It is commonly associated with web applications which facilitate interactive information sharing, interoperability, user-centered design and collaboration on the World Wide Web.

References

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2. <https://howtostartanllc.com/business-ideas/online-job-board>
3. Vision Document Template
4. Online Job Portal 1 - [DOCX Document] (fdocuments.in)
5. [Architecture of the Job Portal \[2\] Information Providers who publish... | Download Scientific Diagram \(researchgate.net\)](#)

2 Positioning

Business Opportunity

The centralized system also reduces the costs by eliminating data redundancy and inconsistency in the hiring process. Therefore, organizations can benefit by identifying better candidates using standardized procedures to choose applicants, rather than filling positions in haste.

The online job portal usually have two main sources of earning revenue that is the recruiting company and the applicants. You can also earn a considerable amount of revenue by applying various subscription options for your portal. That means, if want to make your application go for the subscription or premium packages, you just have to limit the number of companies they app in a specific time period.

For example, a free user of your online job portal can apply to only 10 companies in 24 hours. But if they buy the premium package there will be no restriction on the number of applying companies. You can implement the subscription model on tenure-based rates.

Similarly, you can do the same thing for the recruiting organization. For example, a normal organization user can only post 5 recruitment ads within 24 hours. But if they choose the premium packed, they don't have any restriction on the number of posts. Here are some of the business models that you can implement in your job portals, to earn better revenue,

- Monthly subscriptions
- Featured jobs
- Limiting the access of the resume for a specific period of time
- Limiting the number of posts for every recruiting company
- Access to premium job listings.

Problem Statement

The problem of	<p>The problems that we would like to address are-</p> <ul style="list-style-type: none">· Lacking the space where we meet individual's job /internship requirements.· Irrelevant recruiter and candidate connection.· Loss of information in terms of security issues and problems in tracking.· The process is time consuming and involves multiple lags at times.· Duplication of jobs.· Fewer local openings
affects	<p>The job seekers not able to Find job within time bound. Finding jobs which does not match their skill set</p>
the impact of which is	<p>Unemployed being unemployed even after developing their skills and not having proper guidance to find a job.</p>
A successful solution would be	<p>Is to give the job seekers a platform for finding a right and a satisfactory job according to their qualifications</p>

Product Position Statement

For	People in search of jobs based on their skillsets, For students from different Colleges, Unemployed. We aim to cater to students of Universities, colleges and government run institutions and Employees at large seeking job/internship in a smooth , cost effective ,time efficient process.
Who	have difficulty In finding jobs within less amount of time and want to do a job based on their skills
Jobify - Online Job/Internship Portal	The pupose of designing the online job portal is to give the jobseekers a platform for finding a right and a satisfactory job according to their qualification. It also connects the job seekers with the major agencies.
That	provides the ability to Find job easily online for the skill set each individual has with user friendly web application.
Unlike	currently available systems that have 1) Many of the jobs are not real i.e., they are fake which are listed in the portals. 2) The companies listed do not give their actual structure and environment where the industry is located. 3) The portals do not take responsibility of the jobs listed on the portals whether they are genuine or not. 4) Users have to travel to the place where industry is located several times before the final recruitment which waste their time and money. 5) Also, some of the job portals ask for the money before the commencement of the job.
Our product	Give the job seekers a platform for finding a right and a satisfactory job according to their qualifications. It also connects the job seekers with the major agencies.

3 Stakeholder and User Descriptions

Market Demographics

Mobile devices have become a fixture of every-day life for millions of people. Across the globe, web-enabled devices such as smartphones and tablets have evolved into essential tools for communication, information, and entertainment alike. In 2021, the number of unique mobile internet users stood at 4.32 billion, indicating that over 90 percent of the global internet population use a mobile device to go online. Mobile ownership and internet usage are forecast to keep growing in the future, as mobile technologies are becoming more affordable and available than ever. This upward trend in mobile internet adoption is particularly visible in developing digital markets where mobile networks are the primary means of internet access. Today, mobile internet traffic accounts for almost 55 percent of total web traffic, while in mobile-first markets such as Asia and Africa, mobile connections account for an even larger share of webpage views.

A report from the 2016 year indicated that 67% of unemployed, and 61% of employed internet users visited a job or recruitment site in a mere one-month period. So, besides the other popular *in* through employee referrals, job portals and recruitment websites have gone through a much more relevant evolutionary timeline as compared to say, our *appendices*, the aberration still trying to explain its existence in our body.

Stakeholder Summary

Name	Description	Responsibilities
Requirements Engineers	This stakeholder works with customers and stakeholders to translate needs into requirements.	Specifies domain, non-functional, and functional requirements. Refines requirements as needed.
Software Architect	This stakeholder is a primary lead in the development of Jobify	Responsible for overall architecture of the system, and guides overall design and implementation of system.
Project Manager	This stakeholder leads development of Jobify.	Plans, manages and allocates resources, decides priorities, coordinates interactions with customers and users, and keeps the project team focused.

User Summary

Name	Description	Responsibilities	Stakeholder
Job Seekers	Primary End user of the system	Uses application to communicate with employers, recruiting agencies signed up on the portal services/contacts	Self
Employers (Companies)	Primary End user of the system	Uses application to communicate with possible recruits (job seekers) services/contacts	Self
Assistive People (Support Team)	End user of the system	Configure application for the Primary End users. Communicate with the Primary End users with the application	Self

User Environment -

- The Jobify Application will be used by people who are in search of jobs and also by people who would like to recruit people online regardless of the job type.
- This application caters to all types of people and all types of jobs.
- The people who want quick and instant job process can easily apply here on this platform.
- The people can apply for job from anywhere, they just have to be connected to the internet.
- The employers can also post a job from anywhere but it should be from registered and valid employers.

Stakeholder Profiles

The Job Seekers

Description	A job seeker who uses Jobify.
Type	This is a casual user who may or may not have experience using cell phone applications of searching for jobs /internships before.
Responsibilities	Uses the Jobify to communicate with others in their environment, communicate with assistive people when they need help.
Success Criteria	The success is defined as the customers (job seekers) continuing to use our system.
Involvement	We will have sample customers to evaluate our system which will guide our vision.
Deliverables	None
Comments / Issues	None

The Employers

Description	The employers who post the job vacancies, in search of rightful candidates that satisfy the skills and requirements,
Type	This is a user who will have an experience working on web-based applications.
Responsibilities	Ensure that the necessary functions exist in Jobify to allow for finding the right candidates for job postings and emergency service support.
Success Criteria	The success is defined as the customers continuing to use our system.
Involvement	We will have sample customers to evaluate our system which will guide our vision.
Deliverables	None
Comments / Issues	None

Assistive Person

Description	An assistive person who uses our Jobify
Type	User is well experienced handling the web application and supports the employers and the job seekers.
Responsibilities	Ensure that the necessary functions exist in Jobify to allow effective functionalities delivery and emergency service support. Ensure that functions exist to support the features of job search and job postings, enabling messaging between the users.
Success Criteria	The success is defined as the customers continuing to use our system.
Involvement	We will have sample customers to evaluate our system which will guide our vision.

Deliverables	None
Comments / Issues	None

User Profiles

See Previous Section.

#Key#Stakeholder#or#User#Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions
Easy to use	High	Ability for users with little to no previous phone usage to navigate and use menus easily and apply or post jobs	See proposed	Provide large menu icons with intuitive categories for communication.
Flexible(configurable)	Low	Ability to customize menu and functions based on different user needs.	See proposed	Allow Jobify to be configured on initial running too allow user to choose needed functions and menu layout.

Alternatives and Competition

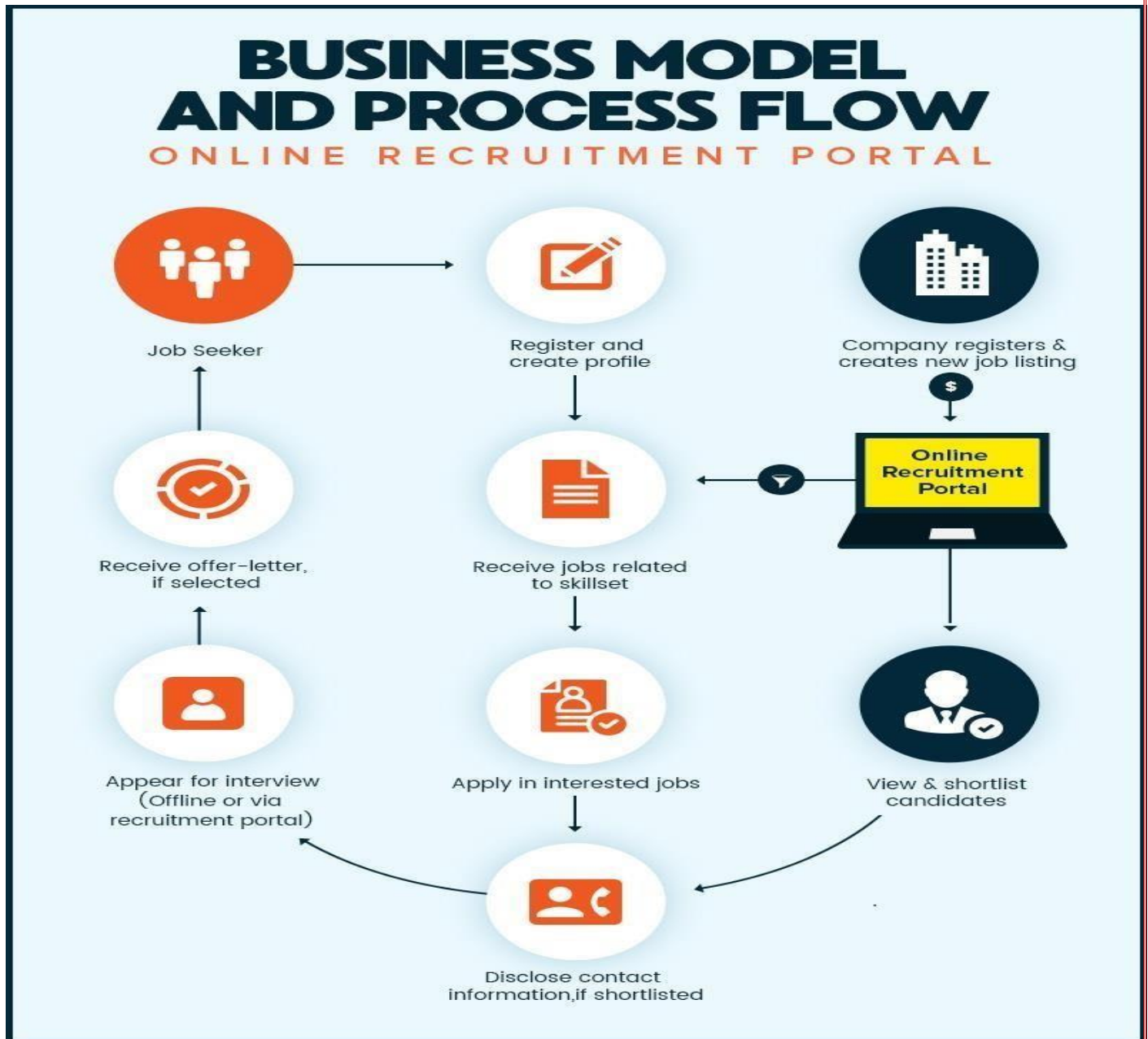
3.8.1 Internshala

3.8.2"Other"competing Job

portals

4 Product Overview

Product Perspective



Summary of Capabilities

Customer Benefit	Supporting Features
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Enhanced ease of Posting jobs	Messaging ,profile searches
Easy job search	Instant resume uploading,messaging

Assumptions and Dependencies

1. In using the onscreen keyboard, it is assumed that the user is literate and can type.
- 2.It is assumed that the professionals are making use of the website .
- 3.It is also assumed that the network on the users phone will be available in everywhere a user may go so that emergency messages may be speedily delivered

5''Product''Features

#System#Features

- 1 Start application
- 2 Exit Application
- 3 Accept Touchscreen input
- 4 Accept Keyboard input

#Communication#Features

Key Features to enhance your hiring process

Admin Dashboard

Document management Advanced Recruitment Tools Revenue Models Quick and Easy Registration

1. Job Seeker Tools
2. Job Search
3. Advance Filters
4. Apply on Job
5. Job Alerts

6. Job Save
7. Employer Portal
8. Resume Search
9. Job Posting
10. Application Tracking System
11. Instant Messaging

Advance Recruitment Job Portal Features

Additional must-have features of any Job Search Website

Seamless User Experience

Social Media integrations

Content Management System

Reports & Analytics

Mobility Support or App

SEO compliance

Emergency Features

- 1 Place emergency call
- 2 Place calls to hierarchy of care providers
- 3 Customize emergency hierarchy and contacts
- 4 Send SMS to emergency contact

6 Constraints

The interface provided is only in English. The users should know English.

Based on authentication of already registered users. There is no guest login

Only registered users have the access to avail the facilities of this portal.

The user needs internet connection for browsing.

7 Other Product Requirements

Applicable Standards

The Job Portal must comply with existing standards in the emergency services field for contacting emergency responders of situations.

System Requirements

The system must run on an Android OS based phone and it can be opened on a web browser.

Performance Requirement

None specified.

8.2. Environmental Requirements

None specified.

8 Documentation Requirements

User Manual

The user must be agreed with all the term and conditions that have provided by the SystemAdministrator, local authority and Should Obey to the all international standards and Protocols.

Licensing Requirements

The usage is restricted to only Vaishnavi ,Tejasri who is developing the Online Job PortalSystem and signs the maintenance contract.

Legal, Copyright, and Other Notices

Online Job Portal System is a trademark and cannot be used without consent.

Applicable Standards

The ISO/IEC 6592 guidelines for the documentation of computer-based application systems willbe followed.

REQUIREMENTS BASELINE SETTING-

The requirements baseline requirements baseline is the itemized set of features is the itemized set of features intended to be delivered in a specific version of the application. z

The baseline must ...

- Be at least "acceptable" to the customer
- Have a reasonable probability of success, in the team's view.

FEATURES OF THE SYSTEM-

SUPER ADMIN FEATURES-

1. Management of profiles of job seekers and employers
2. Adding of new services related to job seekers and employers
3. Sending of messages to employer and job seeker regarding subscription etc
4. Providing roles and authentication to users.
5. UI management
6. Displaying most recent jobs on home page
7. Search jobs based on keywords, locations and categories.
8. Location Management console for which jobs can be posted
9. Manage premium employers
10. Full integration of website and providing the responsive feel
11. Manage Featured Employer showcase

EMPLOYER FEATURES-

12. Ability to search resumes by keywords
13. Posting of jobs with detailed description
14. Company profile creation
15. Employer registration
16. Information posting on number of vacancies viewing and applications
17. Register and sign up online for memberships, job packages, job resumes
18. Viewing submitted cv's and resumes
19. Download cv's and any point of time

JOB SEEKER FEATURES-

20. Job seeker registration.
21. profile settings.
22. Application History viewing
23. Privacy level settings
24. Add details, qualifications and search jobs by categories, companies etc
25. Resume uploading
26. Timely database updating.
27. Flexibility in the software

Prioritized Features List with Effort and Risk Estimate

FEATURE	PRIORITY	EFFORT	RISK
Feature -1 Management of profiles of job seekersand employers	Critical	High	High
Feature-5 UI management	Critical	Medium	Medium
Feature 2- Adding of new services related to job seekers and employers	Critical	High	Medium
Feature 6- Displaying most recent jobs on home page	Critical	Medium	Low
Feature 11- Manage Featured Employer showcase	Critical	Medium	Medium
Feature 12- Ability to search resumes by keywords	Critical	High	High
Feature 13- Posting of jobs with detailed description	Critical	High	High
Feature 14-Company profile creation	Critical	Medium	Low
Feature 22- Application History viewing	Critical	High	High
Feature 23- Privacy level settings	Critical	High	Medium
Feature 25- Resume uploading	Critical	Medium	Low
Feature 8- Location Management console for which jobs can be posted	Important	Low	Low
Feature 4- Providing roles and authentication to	Important	Medium	Low

users.			
Feature 16- Information posting on number of vacancies viewing and applications	Important	Low	Low
Feature 15- Employer registration	Important	Low	Low
Feature 24-.Add details, qualifications and search jobs by categories, companies etc	Important	Medium	Low
Feature 21Job seekers profile settings.	Important	Medium	Low
Feature 18- Viewing submitted cv's and resumes	Important	Medium	Medium
Feature 3- Sending of messages to employer and job seeker regarding subscription	Useful	Low	Low
Feature 9-Manage premium employers	Useful	Medium	Low
Feature 10- Full integration of website andproviding the responsive feel	Useful	High	Medium
Feature 17- Register and sign up online for memberships, job packages, job resumes	Useful	Low	Low
Feature 19-Download cv's and any point of time	Useful	Medium	Low
Feature 20-Job seeker registration.	Useful	Medium	Medium
Feature 26-Timely database updating.	Useful	High	Medium
Feature 27-Flexibility in the software	Useful	Medium	Medium

Final Prioritized Features List

FEATURE	PRIORITY	EFFORT
Feature -1 Management of profiles of job seekers and employers	Critical	High
Feature-5 UI management	Critical	Medium
Feature 2- Adding of new services related to job seekers and employers	Critical	High
Feature 6- Displaying most recent jobs on home page	Critical	Medium
Feature 11- Manage Featured Employer showcase	Critical	Medium
Feature 12- Ability to search resumes by keywords	Critical	High
Feature 13- Posting of jobs with detailed description	Critical	High
Feature 14- Company profile creation	Critical	Medium
Feature 22- Application History viewing	Critical	High
Feature 23- Privacy level settings	Critical	High
Feature 25- Resume uploading	Critical	Medium
Feature 8- Location Management console for which jobs can be posted	Important	Low
Feature 4- Providing roles	Important	Medium

and authentication to users.		
Feature 16- Information posting on number of vacancies viewing and applications	Important	Low
Feature 15- Employer registration	Important	Low
Feature 24-.Add details, qualifications and search jobs by categories, companies etc	Important	Medium
Feature 21Job seekers profile settings.	Important	Medium
BASELINE(features above this line are committed)		
Feature 18- Viewing submitted cv's and resumes	Important	Medium
Feature 3- Sending of messages to employer and job seeker regarding subscription	Useful	Low
Feature 9-Manage premium employers	Useful	Medium
Feature 10- Full integration of website andproviding the responsive feel	Useful	High
Feature 17- Register and sign up online for memberships, job packages, job resumes	Useful	Low
Feature 19-Download cv's and any point of time	Useful	Medium
Feature 20-Job seeker registration.	Useful	Medium
Feature 26-Timely database updating.	Useful	High
Feature 27-Flexibility in the software	Useful	Medium

