

A Mini Project Synopsis on
Online Placement Portal

S.E. - I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on **Online Placement Portal** has been submitted by Sahil Sawant (20104006), Jill Shah (20104004) ,Swapnil Sawant(20104088) and Adarsh Rai(20104039) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2021-2022** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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➤ Chapter 1

• Introduction

The "Online Job Portal" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

Job portal is an application which connects employer and job seekers where employers are the source of the resources and the job seeker can find and apply for their targeted job. This document provides details about the entire software requirement specification for the online job portal. The application is reduced as much as possible to avoid error while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Online Job Portal, as described above, can lead to error free, secure, reliable and fast management system

• Purpose:

The purpose of Online Job Portal is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Job Portal, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information

can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

- **Objectives:**

The main objective of the Project on Online Job Portal is to manage the details of Job, Vacancy, Resume, Jobseeker, Interview. It manages all the information about job, Call Later, Interview, Job. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Job, Vacancy, Call Later, Resume. It tracks all the details about the Resume, Jobseeker, Interview

- Provides the searching facilities based on various factors. Such as Job, Resume, Jobseeker, Interview
- Online Job Portal also manage the Call Later details online for Jobseeker details, Interview details, Job.
- It tracks all the information of Vacancy, Call Later, Jobseeker etc. Manage the information of Vacancy.
- Shows the information and description of the Job, Resume
- To increase efficiency of managing the Job, Vacancy
- It deals with monitoring the information and transactions of Jobseeker.
- Manage the information of Job.
- Editing, adding and updating of Records is improved which results in proper resource management of Job data.
- Manage the information of Jobseeker
- Integration of all records of Interview

- **Scope:**

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Online.

Placement Portal. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- It satisfies the user requirement.
- It is easy to operate ,and expandable
- Have a good user interface.
- Delivered on schedule within the budget.

➤ Chapter 2

- **Problem Definition**

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. there used to be lots of difficulties in associating any particular transaction with a particular context. If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation. There would always be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records.

The reason behind it is that there is lot of information to be maintained and have to be kept in mind while running the business. For this reason, we have provided features Present system is partially automated (computerized), actually existing system is quite laborious as one has to enter same information at three different places.

➤ Chapter 3

- **Proposed System:**

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.
- Ensure data accuracies.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

- **Features and Functionality:**

- **Job Seeker Module:**

Applicants can post their resumes with personal and professional details. They can also update the resume as frequently as required. Job seekers can also get mail alerts when their resumes are selected by employers

- **Employer Module:**

Employers can post vacancy details and update the details as and when necessary, employers can search through applicant resumes based on different criteria.

- **Administration Module:**

This module provides administrator related functionalities. Administrator manages entire application and maintains the profiles of applicants and employers.

Validation of Input Data for Placement Management Portal :

- All the fields such as Job, Resume, Interview are validated and does not take invalid values
- Each form for Job, Vacancy, Call Later cannot accept blank value fields
- Avoiding errors in data
- Controlling amount of input
- Integration of all the modules/forms in the system.
- Preparation of the test cases.
- Preparation of the possible test data with all the validation checks.
- Actual testing done manually.
- Recording of all the reproduced errors.
- Modifications done for the errors found during testing.
- Prepared the test result scripts after rectification of the errors.
- Functionality of the entire module/forms.
- Validations for user input.
- Checking of the Coding standards to be maintained during coding.
- Testing the module with all the possible test data.
- Testing of the functionality involving all type of calculations etc.
- Commenting standard in the source file.

➤ Chapter 4

- **Project Outcome:**

- Administrator has to login to access the system.
- He can add, update or delete details of jobseeker.
- He can search for job on the basis of their degree or location.
- He can keep an update on certificate he/she gain and can modify whenever needed.
- Provides the searching facilities based on various factors. Such, job for MBA, Job for CA, Job for salesman;
- Placement Management System also manage the Record details of Job for which people had apply and also for them who need people for job.
- It tracks all the information of applied candidate etc.
- Manage the information of placement data.
- Shows the information and description of the new requirements from companies.
- To increase efficiency of managing the placement portal.
- It deals with monitoring the information of Placement and Interview
- Manage the information of interview data.
- Editing, adding and updating of Records is improved which results in proper resource management of placement and interview data.

➤ Chapter 5

- **Software Requirements:**

- **Front End:** - Java ver 16.0.1

Java Swing

JFrame

JButton

JLabel.

JTextField

- **Back End:** - MYSQL ver 8.0.27

➤ Chapter 6

- **Project Design:**

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the clients' requirements into a logically working system. Normally, design is performed in the following in the following two steps:

- **Primary Design Phase:**

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimizing the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

- **Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed

The general tasks involved in the design process are the following:

- Design various blocks for overall system processes.
- Design smaller, compact and workable modules in each block.
- Design various database structures.
- Specify details of programs to achieve desired functionality.
- Design the form of inputs, and outputs of the system.
- Perform documentation of the design.
- System reviews.

- **User Interface Design**

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

The following steps are various guidelines for User Interface Design:

- The system user should always be aware of what to do next.
- The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
- Message, instructions or information should be displayed long enough to allow the system user to read them.
- Use display attributes sparingly.
- Default values for fields and answers to be entered by the user should be specified.
- A user should not be allowed to proceed without correcting an error.
- The system user should never get an operating system message or fatal error.

➤ Chapter 7

Project Scheduling Template

Sr. No	Group Member	Time duration	Work to be done
<u>1</u>	Swapnil Sawant	1 st week of January	Handling the database
<u>2</u>	Jill Shah	2 nd week of January	Designing the main, login page , front Page
<u>3</u>	Sahil Sawant	3 rd week of January	Designing the next page of View Data and Add Employee

<u>4</u>	Adarsh Rai	By the end of march month	Designing the page for Jobseekers details and Remove Employee
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➤ Chapter 8

Conclusion:

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

At the end it is concluded that we have made effort on following points...

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.
- Finally, the system is implemented and tested according to test cases.

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