**RESUME MANAGEMENT PORTAL**

INTRODUCTION:

1.1 OVERVIEW OF THE PROJECT:

The project is entitled as “RESUME MANAGEMENT” is used to correct the resume to the company needs accordingly. The project reduces the work of the organization by automatically correcting the resumes. The project sorts the data’s in the resume based on the priority of the company. The project thus helps in the fast processing of resume.

1.2 OBJECTIVES OF THE PROJECT:

The objectives of this project is to-

* Develop a database for all student resumes.
* Split the resumes.
* correct the resume to the company needs accordingly.
* Alteration into grid formats.
* Based on company priority resumes are modulated or designed.

1.3 THE NEED FOR THE PROJECT:

Resumes involve more time for creation. It may also have grammatical errors and typographical errors. This “ **RESUME MANAGEMENT** “can automatically correct the errors and thus saving time. the project can easily modulate the resumes. The modulations are made based on the company’s priority.

1.4 OVERVIEW OF EXISTING SYSTEMS AND TECHNOLOGIES:

In the existing system , the resumes are manually created. The resumes has grammatical mistakes and typographical errors and it is corrected manually.

In the proposed system automatically errors are corrected in resume based on company’s priority.

Main Technologies associated with **RESUME MANAGEMENT**

* Web programming technologies (JS,JSP,HTML,CSS)
* ORACLE(Database)

1.5 SCOPE OF THE PROJECT

Main actors of this system

* Students
* Company

Main use case associated:

1. Students

* Submit resumes
* Views the modify resumes.

2. FEASIBILITY STUDY

2.1 FINANCIAL FEASIBILITY

Being a web application “ **RESUME MANAGEMENT**” will have an associated hosting cost. Since the system doesn’t consist of any multimedia data transfer, bandwidth required for the operation of this application is very low.

The system will follow the freeware software standards. No cost will be charged from the potential customers .Bug fixes will have an associated cost. Beside the associated cost ,there will be many benefits for the customers

2.2 TECHNICAL FEASIBILITY

Project “ **RESUME MANAGEMENT**” is a complete web based application. The main technologies and tools that are associated with “ **RESUME MANAGEMENT**” with are

* HTML
* CSS
* JSP
* Angular JS
* Maven
* JS
* Eclipse IDE
* Tomcat 8.5
* SPRING 5
* SPRING BOOT
* ORACLE
* JENKINS

Each of the technologies are freely available and the skills required are manageable. Time limitations of the product development and the ease of implementing using these technologies are synchronizes.

Initially the web will be hosted in a free web hosting space, but for later implementing it will be hosted in a paid web hosting space with a sufficient bandwidth.

**Requirements for Jenkins:**

Minimum hardware requirements:

* 256 MB of RAM
* 1 GB of drive space (although 10 GB is a recommended minimum if running Jenkins as a [Docker](https://jenkins.io/doc/book/installing/#docker) container)

Hardware configuration for a small team:

* 1 GB+ of RAM
* 50 GB+ of drive space

2.3 RESOURCE AND TIME FEASIBILITY:

Resource feasibility

Resource that are required for the “**RESUME MANAGEMENT**” project includes,

* Programming device (laptop)
* Hosting space (freely available)
* Programming tools (freely available)
* Programming individuals
* Uploading in GIT (Free)
* Develops server for Jenkins

So it’s clear that the project **RESUME MANAGEMENT**  has the requires resource feasibility

. 2.4 RISK FEASIBILITY

Risk feasibility can be discussed under several contexts.

Risk associated with size

**Estimated size of the product in line of codes:**

Being a web application with many number of stakeholders. RESUME MANAGEMENT will contain significant amount of code lines. As the system doesn’t contain any multimedia aspect, the file sizes and the complete project size will not exceed 200 MB

**Estimated size of the product in number of programs:**

Though the application supports many students , it will be constructed as a single web application with a single login page than having any number of sites for different users. Depending upon the access rights the contents will be shown or hidden.

**Size of database created or used by the product:**

Database size will not exceed the values supported by MySQL (65526 entries per table). Number of relations and entities are minimized by using best practices of normalization theories.

* Users of the product:
* Student

**Effect of this product on company revenue:**

The project can be implemented either as an individual system, or can be integrated to an existing system such as university Moodle system.

Customer related risks:

“RESUME MENAGEMENT“ is a general type of product (not designed just for a single college). Before implementing the system in an educational institute, there will be some basic modifications required.

Are compilers or code generators available and appropriate for the product to be built?

JSP will be used as the main scripting language. All the libraries and interpreters will be freely available.

Are testing tools available and appropriate for the product to be built?

JUNIT is the main testing tool that will be used. JUNIT is freely available tool that supports automated testing.

Does the environment make use of a database or repository?

This is a database oriented system that will use ORACLE.

Are all the software tools integrated with one another?

Main deliverables will be packaged under a single project. All the lecturers and students will have a single login page.

Social/Legal Feasibility

The project uses freely available development tools and provides the system as an open source system. Only the maintenance cost will be charged from potential customers.

JSP Software libraries that are used in this system are free open source libraries.

Since this new system eliminates the effort to search pattern for each company individually, it will have a great impact in a resume system.

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