

JOB MANAGEMENT SYSTEM

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OUTLINES

- Introduction
- Problem Statement
- Objectives
- Scope and Limitation
- Literature Review
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- Implementation and Testing
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INTRODUCTION

- **Streamlined Recruitment Process:**
Our Job Portal System bridges the gap between job seekers and employers, enabling seamless job posting, searching, and application processes.
- **User-Centric Design:** The platform provides dedicated functionalities for employers and employees, offering a user-friendly interface to simplify recruitment and job-hunting activities.



PROBLEM STATEMENT

- Traditional recruitment methods are time-consuming and inefficient, making it difficult for employers to find suitable candidates and for job seekers to discover relevant opportunities.
- There is a need for a centralized digital platform to streamline the hiring process, enhance job matching accuracy, and provide easy access to opportunities for both employers and job seekers.

OBJECTIVES

- To provide a centralized, user-friendly platform that simplifies the recruitment process by connecting job seekers with employers, ensuring efficient job matching, and improving accessibility and data security.





SCOPES



LIMITATIONS

User
management

Job search

Scopes

Data security

Job
application

**Absence of Real
Time Notifications**

**Manual Job
Matching**

Limitations

**Internet
dependency**

**No Integration
with External
Platforms**

LITERATURE REVIEW

- [2]**Indeed** offers a comprehensive platform where users can search for job opportunities based on job type, location, salary range, and other filters. It also provides insights into companies, including reviews and ratings from employees, helping users make informed decisions.
- [3]**Glassdoor** on the other hand, focuses on transparency by allowing users to explore company reviews, salaries, and interview experiences shared by others. This helps job seekers prepare better and align their expectations with industry standards.
- [4]**Monster** enables job seekers to upload resumes for analysis and matching with relevant job opportunities using AI-based algorithms. It also provides tools like career advice, interview tips, and salary comparisons, making the job search process more user-centric.

SYSTEM ANALYSIS



Use Case Diagram

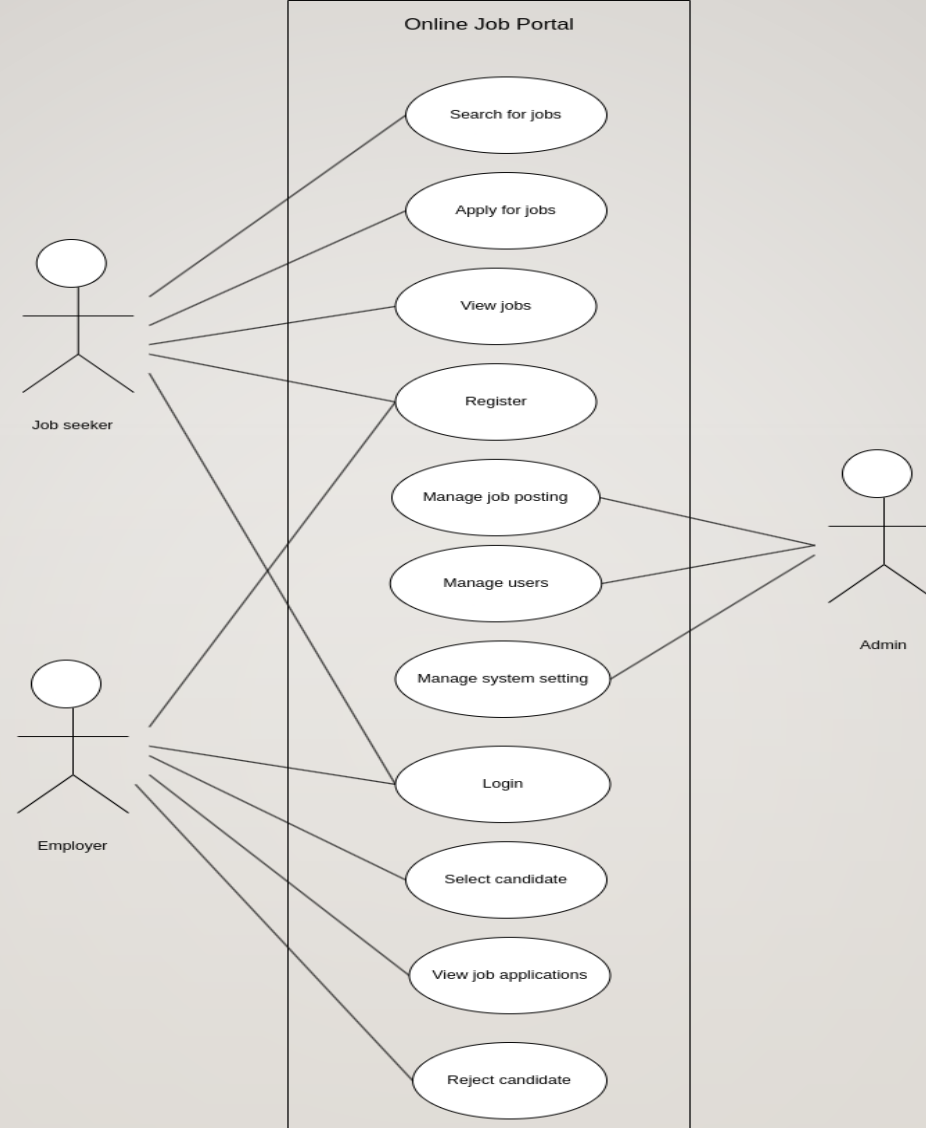


Fig : Use Case Diagram

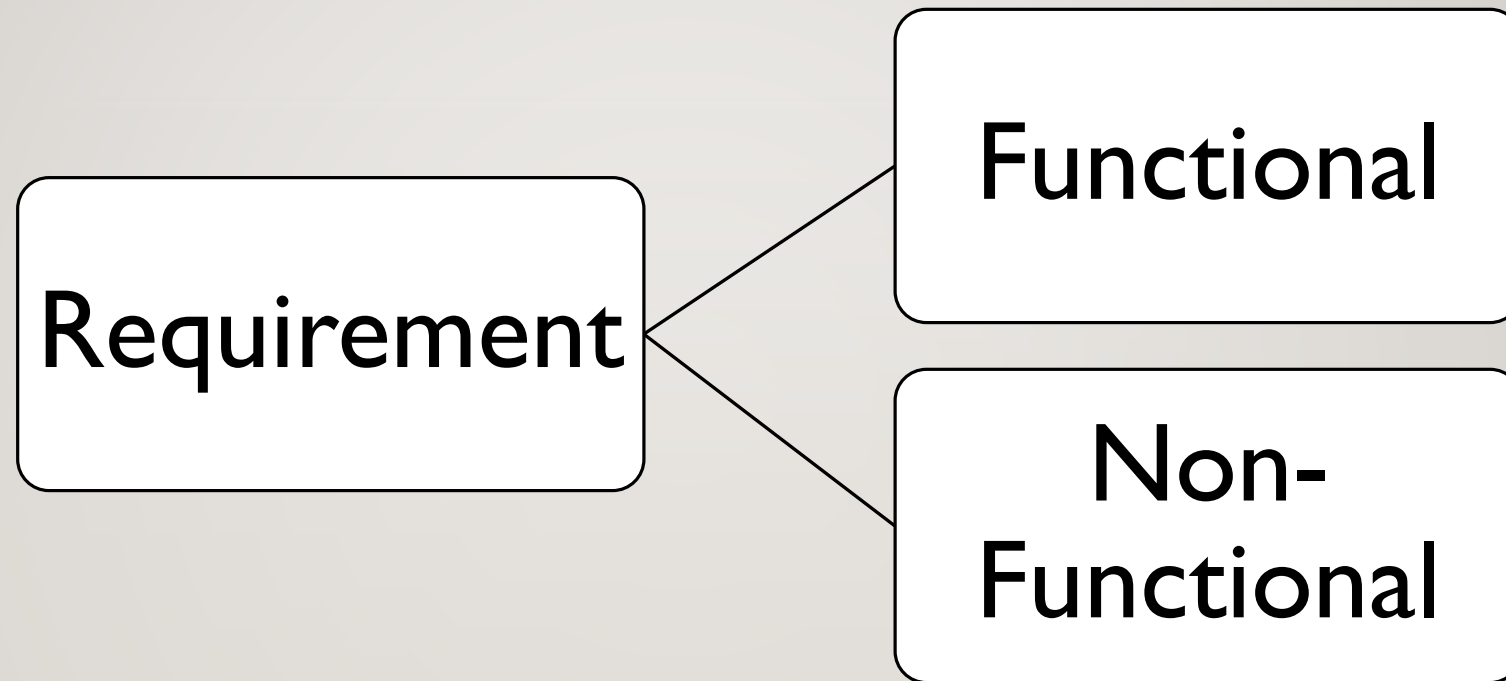
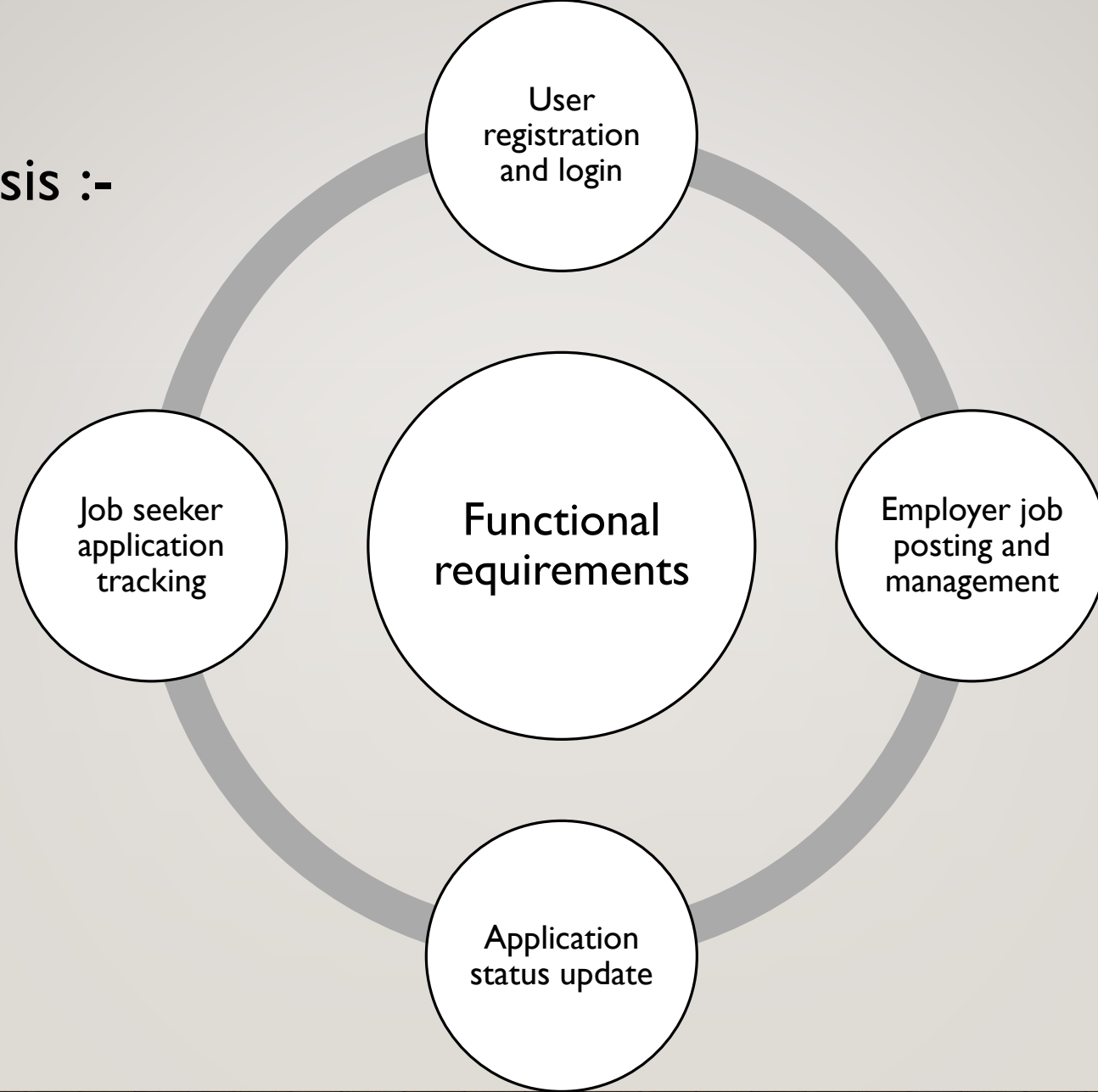
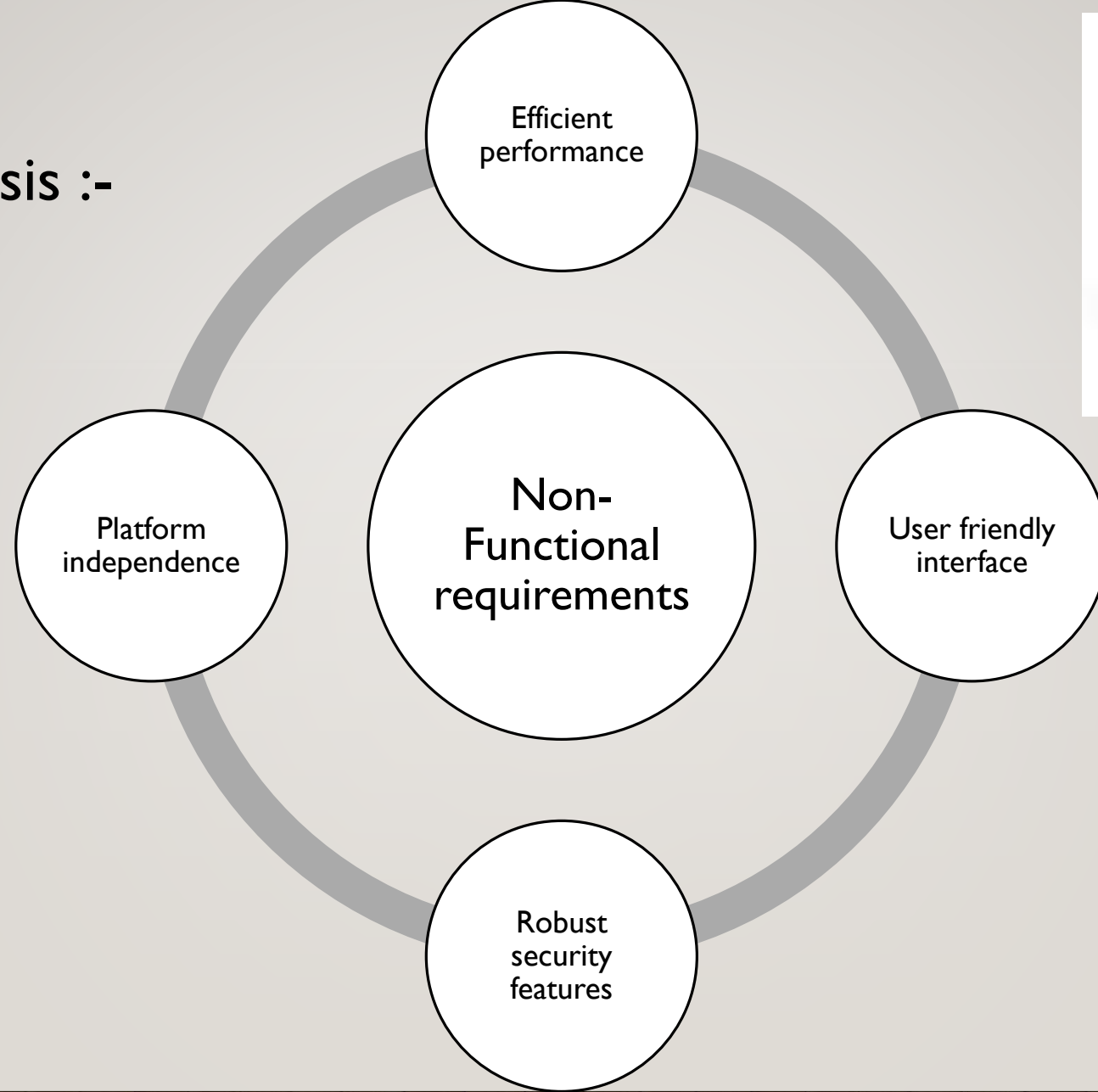


Fig: Type of requirement analysis

Requirements analysis :-



Requirements analysis :-



FEASIBILITY STUDY

a. Technical Feasibility

The system is technically feasible as it uses readily available tools like HTML, CSS, JavaScript, PHP, and free IDEs like VS Code and XAMPP, ensuring a solid foundation for development.

b. Economic Feasibility

The project is cost-effective, utilizing free tools and in-house coding, minimizing expenses while maintaining quality.

c. Operational Feasibility

The system's user-friendly design ensures smooth navigation and minimal maintenance, enhancing operational efficiency.

Project Timeline

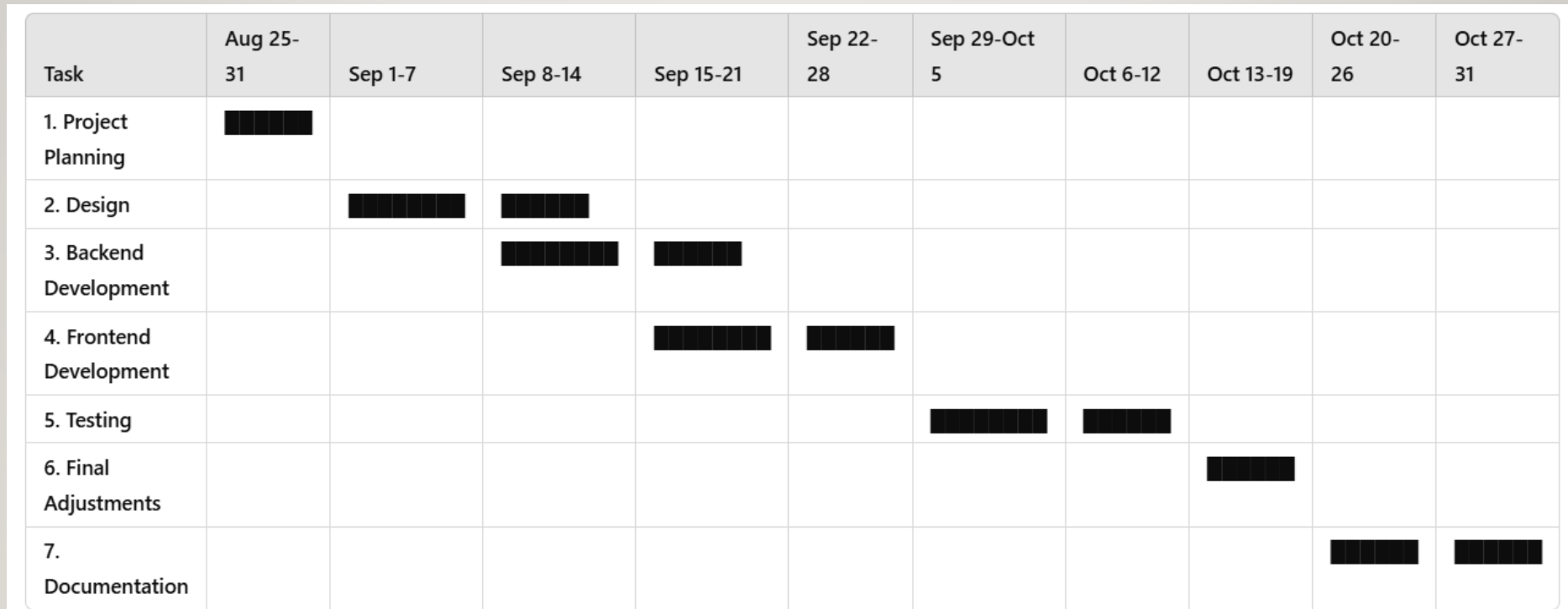


Fig: Gantt Chart

ER-DIAGRAM

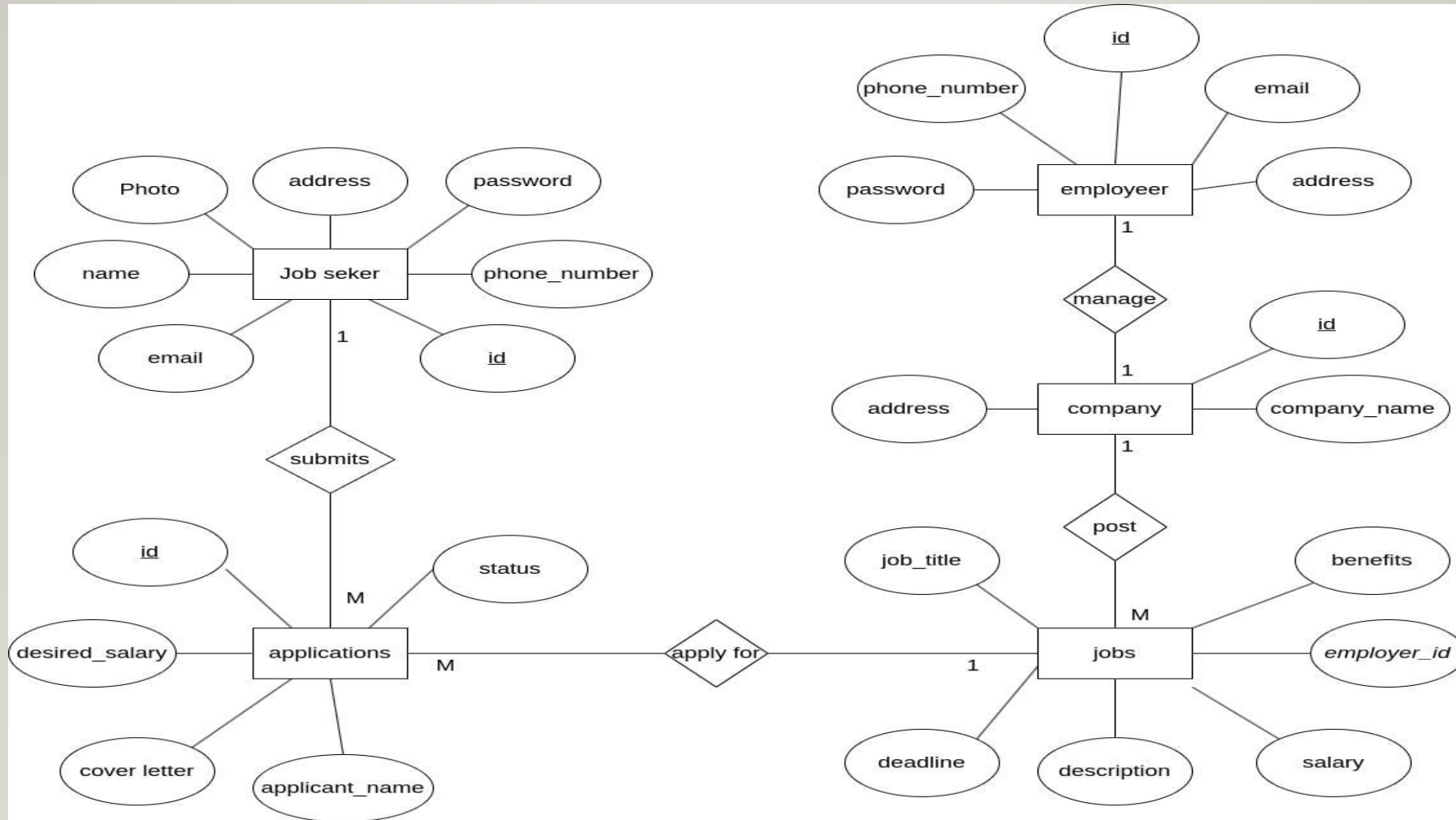


Fig: ER-Diagram for job portal

IMPLEMENTATION AND TESTING



Implementation

Frontend tool

- HTML , CSS , JavaScript

Backend tool

- PHP

Database tool

- MySQL

Design tool

- Draw.io , Excel

TESTING

Test Cases for User Registration and Login Functionality
Table :- I

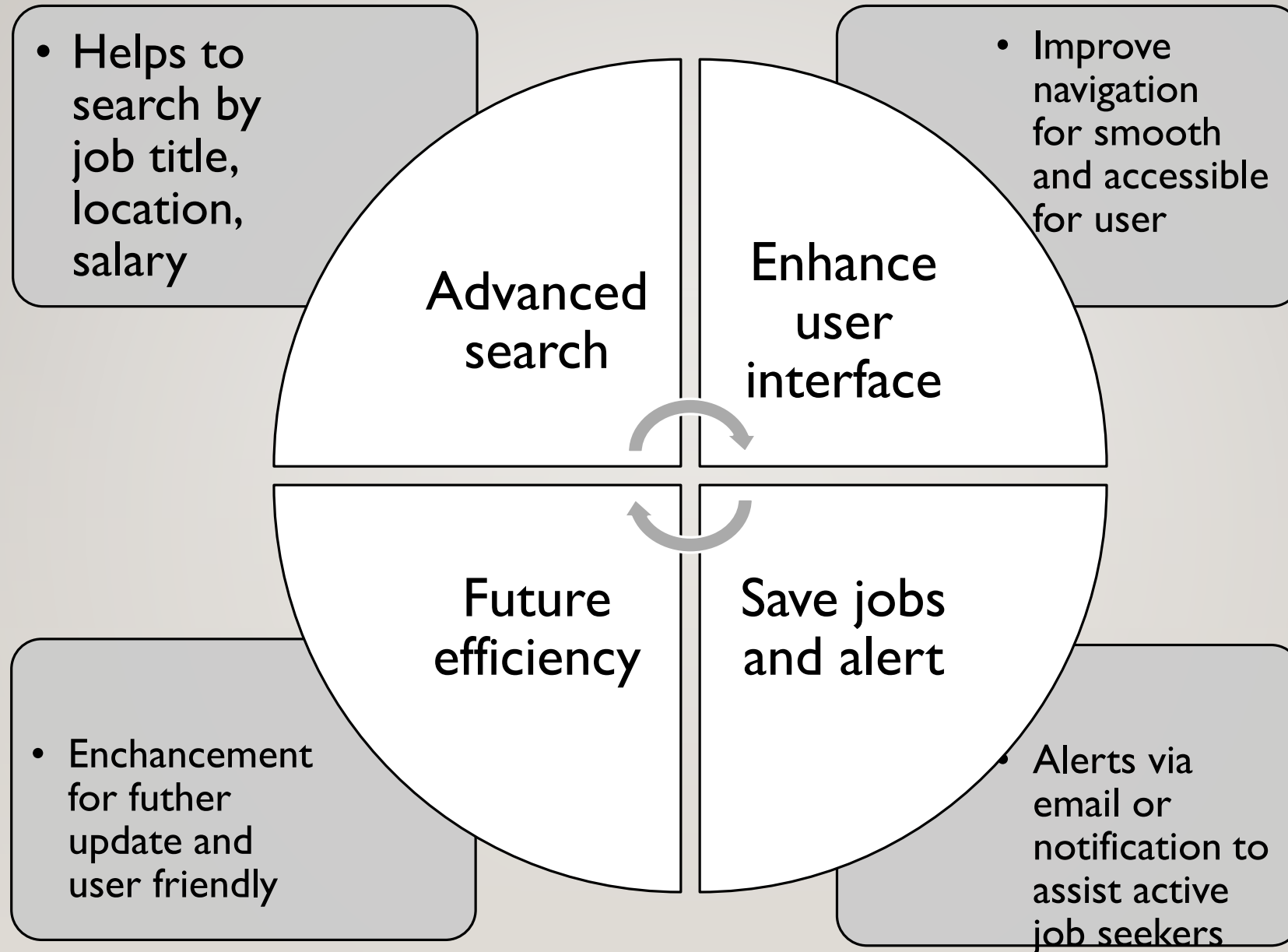
Test Case ID	Test Name	Test Case Details	Expected Result	Test Result	Status
TC001	Register (Job Seeker & Employer)	Enter valid job seeker and employer details and submit registration form	Job seeker and employer registered successfully	Pass	✓
TC002	Login (Job Seeker & Employer)	Enter valid job seeker and employer credentials and log in	Login successful, redirected to dashboard	Pass	✓

Test Cases for Job searching
Table :- 2

Test Case ID	Test Name	Test Case Details	Expected Result	Test Result	Status
TC010	Search Jobs by Title	Job seeker enters a job title in search bar	Relevant job listings appear in results	Pass	✓
TC011	Search Jobs by Location	Job seeker enters a location in search bar	Relevant job listings appear in results	Pass	✓
TC012	No Matching Job Results	Job seeker searches for a non-existent job title	Message displayed: "No jobs found"	Pass	✓

FUTURE RECOMMENDATION





CONCLUSION

In conclusion, the Job Portal System successfully addresses the limitations of traditional recruitment methods by streamlining processes and enhancing efficiency. With its robust database, intuitive interfaces, and tailored functionalities for job seekers and employers, the system ensures a seamless and user-friendly experience. Designed for scalability and adaptability, it provides a solid foundation for small to medium-sized job portals, with the potential to expand and evolve in response to future needs.



REFERENCE

- [2] "Indeed," [Online]. Available: <https://www.indeed.com/>. [Accessed 2024].
- [3] "Glassdoor," [Online]. Available: <https://www.glassdoor.com/>. [Accessed 2024].
- [4] "Monster," [Online]. Available: <https://www.monster.com>. [Accessed 2024].



**ANY
QUERIES??**

