SOFTWARE

REQUIREMENT

SPECIFICATION

Version 1.0
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Career Portal & Admin Portal

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JAFFER

ADMIN PORTAL

FUNCTIONAL REQUIREMENTS:

1-User Authentication and Access Control:

Users should be able to log in using their credentials.
The admin panel should have role-based access control, with roles like admin and staff.
Admins should have access to all functionalities, while staff might have limited access.
Sidebar Navigation:

The sidebar should provide navigation options for adding, updating, deleting, and displaying data.

2-Add Data:

Clicking the "Add" button in the sidebar should open a modal.
The modal should have a form with fields for title, department, location, and minimum qualification.
The "Add Data" button should add the entered data to the table.
Display Data:

Clicking the "Display" button in the sidebar should display data in a table format.
The table should have columns for title, department, location, qualification, and actions.
Actions column should include buttons for edit and delete.
Edit Data:

Clicking the "Edit" button for a specific record should open the modal with pre-filled data.
Users should be able to modify any field and then click the "Update" button to save changes.
Delete Data:

Clicking the "Delete" button for a specific record should immediately remove that record from the table.

Non-Functional Requirements:

1-Usability:

The user interface should be intuitive and user-friendly, requiring minimal training for users to navigate and perform tasks.
Performance:

The system should handle a reasonable amount of concurrent users without experiencing significant slowdowns or crashes.
Security:

User authentication should be secure, using encryption and best practices to protect user credentials.
Input data should be sanitized and validated to prevent SQL injection and other security vulnerabilities.

Compatibility:

The admin portal should be compatible with modern web browsers (Chrome, Firefox, Safari, Edge).

2-Scalability:

The system should be designed in a way that allows for easy future enhancements and scalability as data and user requirements increase.
Availability:

The system should aim for high availability, minimizing downtime for maintenance or upgrades.

3-Data Integrity:

The system should ensure data integrity by properly handling database transactions and preventing data inconsistencies.
Error Handling:

The system should have proper error handling mechanisms, providing meaningful error messages to users when issues arise.
Documentation:

Provide comprehensive documentation including user guides, developer guides, and system architecture for easier maintenance and support.
Performance Monitoring:

Implement monitoring tools to keep track of system performance, identifying bottlenecks and areas of improvement.

Potential User Roles For The Admin Portal:

1) **Admins (HR Manager & Team):**

Description: Administrators responsible for managing various aspects of the organization's operations through the admin portal.
Interactions: Adding, editing, and deleting data entries, managing jobs, updating jobs.

2) **IT Administrators:**

Description: Technical administrators responsible for maintaining the security, performance, and functionality of the admin portal.
Interactions: Monitoring system health, ensuring security measures are in place, handling technical issues.

External Requirements for Admin Portal:

Web Browsers:

The Admin Portal should be accessible and functional across various web browsers, ensuring compatibility for administrators.

Mobile Devices:

The portal's interface should be responsive and usable on different mobile devices, enabling administrators to access it remotely.

Internet Connectivity:

A stable internet connection is required for administrators to access and manage the Admin Portal.

Database System:

Integration with a database system (MySQL) to store and retrieve data related to the portal's functionality

CARRER PORTAL

The Career Portal is a dedicated web platform designed to showcase the opportunities, culture, and benefits of joining the Jaffer Group, a leading organization in its industry. This portal serves as a central hub for potential job applicants to explore the various reasons why they should consider becoming a part of the Jaffer Group. The portal offers comprehensive information about the organization's values, leadership messages, workplace culture, employee benefits, and an up-to-date listing of available job positions.

FUNCTIONAL REQUIREMENTS:

Home Page:

Display an engaging introduction to the Jaffer Group, highlighting its key strengths and unique selling points.
Present a prominent call-to-action button or link for users to explore available job positions.
Why Join Jaffer Group:

Provide a detailed overview of why individuals should consider joining the Jaffer Group, emphasizing its reputation, growth opportunities, and contributions to the industry.
Showcase success stories of current employees to demonstrate the organization's commitment to personal and professional development.
Chairman's Message:

Include a personalized message from the chairman or top leadership, conveying the company's vision, values, and long-term goals.
Illustrate the organization's dedication to its workforce and the larger community.
Workplace Culture:

Describe the work environment, organizational culture, and core values that define the Jaffer Group's identity.
Feature employee testimonials or videos that highlight the company's inclusivity, collaboration, and commitment to diversity.
Employee Benefits:

Present a comprehensive list of benefits offered to employees, including health insurance, retirement plans, professional development opportunities, and wellness programs.
Highlight any unique perks that set the Jaffer Group apart from other employers.
Available Positions:

Provide an easily navigable list of currently available job positions within the organization.
Enable users to filter and search positions based on various criteria, such as job type, location, and department.

Position Details:

Create dedicated pages for each job position with detailed information about responsibilities, qualifications, and application procedures.
Allow users to express interest or apply directly through the portal, attaching their resumes and cover letters.

Non-Functional Requirements:

Usability and User Experience:

Ensure the portal has an intuitive user interface that guides users seamlessly through the various sections.
Prioritize responsive design to ensure compatibility with various devices, including desktops, tablets, and smartphones.

Performance:

The portal should load quickly and efficiently to provide a smooth user experience.
Minimize downtime to ensure continuous accessibility for potential applicants.

Security:

Implement robust security measures to protect user data, especially during the application process.
Use encryption for sensitive information such as resumes and contact details.

Accessibility:

Ensure the portal meets accessibility standards to accommodate users with disabilities, adhering to WCAG guidelines.

Scalability:

Design the portal's architecture to handle increasing traffic and data as the number of applicants and positions grows.

Multimedia Integration:

Incorporate multimedia elements like images, videos, and infographics to enhance content engagement.

Content Management:

Implement a user-friendly content management system (CMS) to facilitate easy updates and additions to the portal's content.

Social Integration:

Provide sharing options for users to share job positions or relevant content on social media platforms.

Feedback and Analytics:

Integrate feedback mechanisms and analytics tools to gather user insights and improve the portal over time.

Support and Documentation:
Offer support resources for users encountering issues during their interaction with the portal.
Provide clear documentation for potential applicants about the application process and frequently asked questions.

USERS OF CARRIER PORTAL:

For the Career Portal, the following user roles are identified:

1) Job Seekers:

Description: Individuals who are interested in exploring job opportunities within the organization.
Interactions: Browsing job listings, viewing detailed job descriptions, submitting applications, uploading resumes and cover letters

2) Human Resources (HR) Managers:

Description: Administrators responsible for overseeing the recruitment process at an organizational level.
Interactions: Monitoring the progress of job listings, reviewing reports and analytics, ensuring compliance with HR policies.

3) IT Support:

Description: Technical support personnel who assist users with any technical issues related to the portal's functionality or access.
Interactions: Providing assistance to users encountering technical difficulties, troubleshooting access issues

External Requirements for Career Portal:

Web Browsers:

The Career Portal should be compatible with major web browsers, including Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari.

Mobile Devices:

The portal should be responsive and accessible on various mobile devices and tablets to accommodate users on the go.

Internet Connectivity:

Users must have an active internet connection to access and interact with the Career Portal

User interface:

Main Page:

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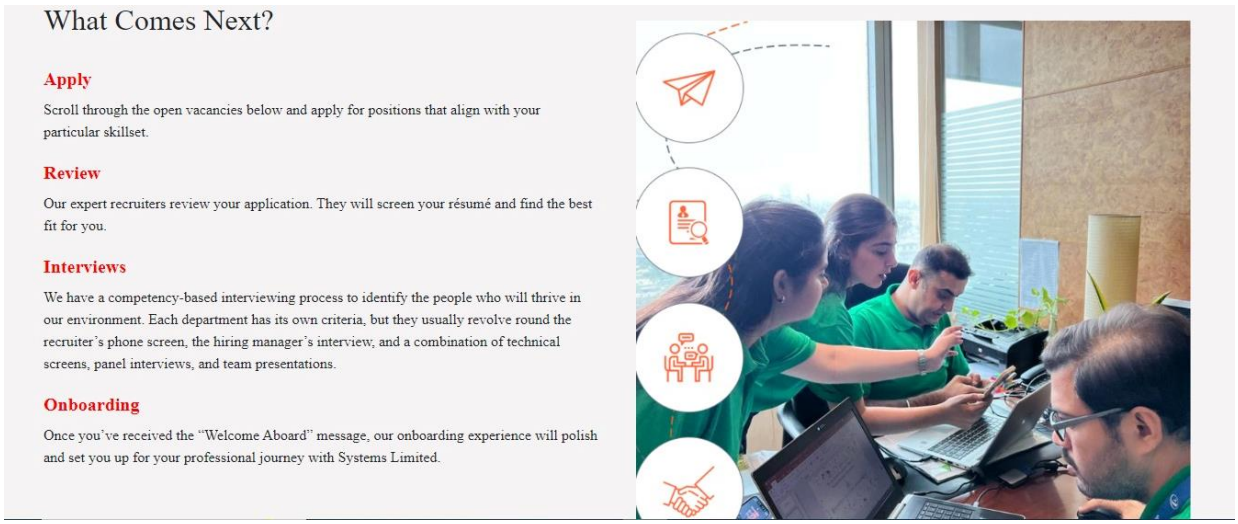
Sub Section 2:



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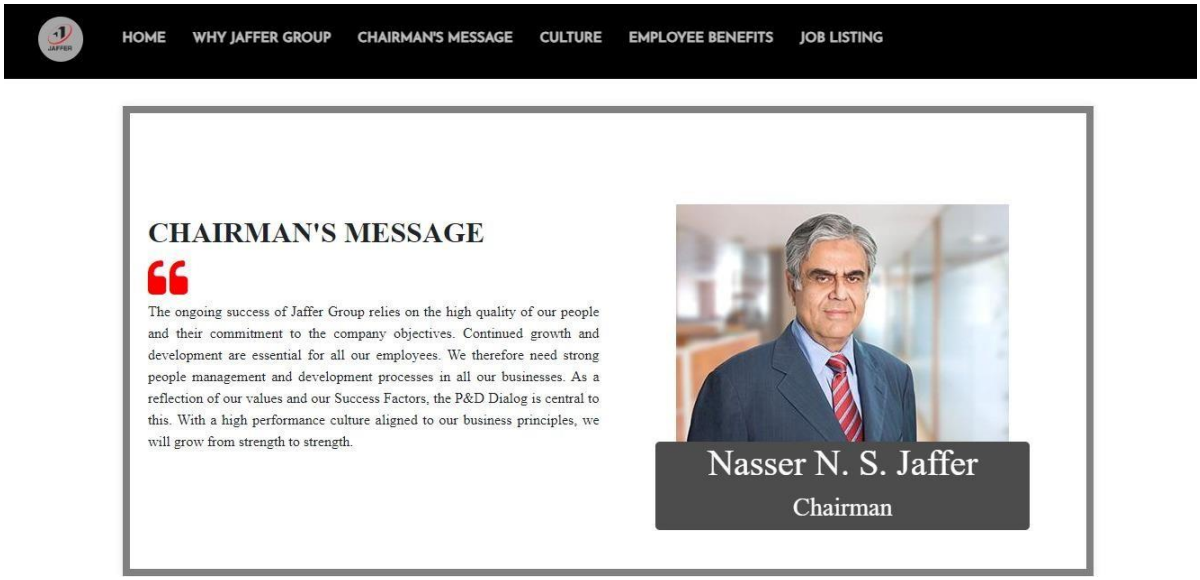

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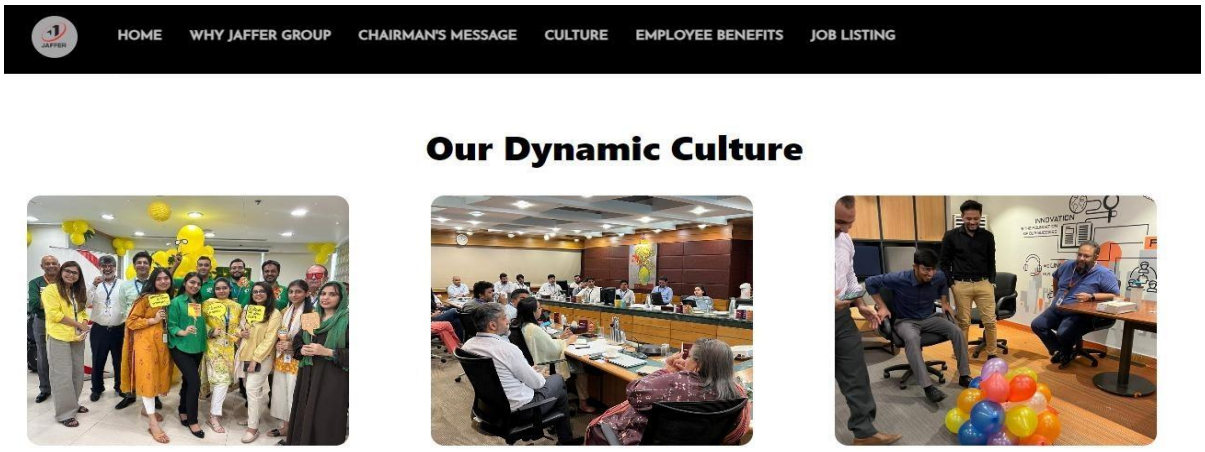
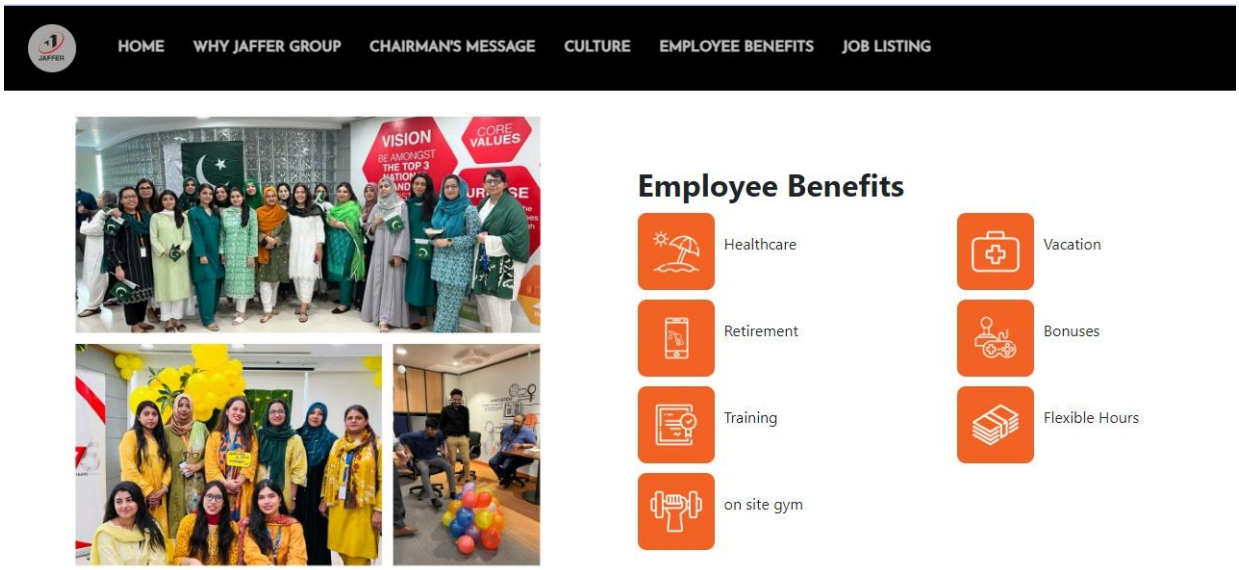
Sub Section 5: