

JOB MANAGEMENT SYSTEM

SEMESTER PROJECT

The Job Management System is a cutting-edge project designed to revolutionize job-seeking and recruitment processes. It offers job seekers a user-friendly platform to create and manage their profiles, search for job opportunities, and track their applications efficiently. Employers benefit from seamless job listing creation, application management, and quick applicant review. Developed using Visual Studio and C#, the system combines powerful development tools with a robust database, ensuring smooth operation. A special feature of this system is its smart matching algorithm, which suggests relevant job listings to job seekers based on their profiles, enhancing the job search experience. This project promises to simplify job management and create a win-win situation for job seekers and employers alike.

THE SYSTEM SHOULD PROVIDE THE FOLLOWING CORE REQUIREMENTS

- **User Profiles:** The system should allow job seekers to create and manage their profiles, detailing their skills, experiences, and preferences.
- **Job Listings:** Employers should be able to post, edit, and remove job listings, including job descriptions and application deadlines.
- **Job Applications:** Job seekers must have the capability to apply for job positions within the system, with a tracking mechanism for application status.
- **User Management:** An administrator should be able to manage user accounts, handle registration, and resolve disputes.
- **Smart Matching Algorithm:** Implement a special feature that suggests relevant job listings to job seekers based on their profiles, enhancing the job search experience.
- **Security and Monitoring:** The system should include security measures to protect user data and system integrity, with monitoring capabilities for administrators. Depending on the center that you are working for you are also asked to add four additional requirements.