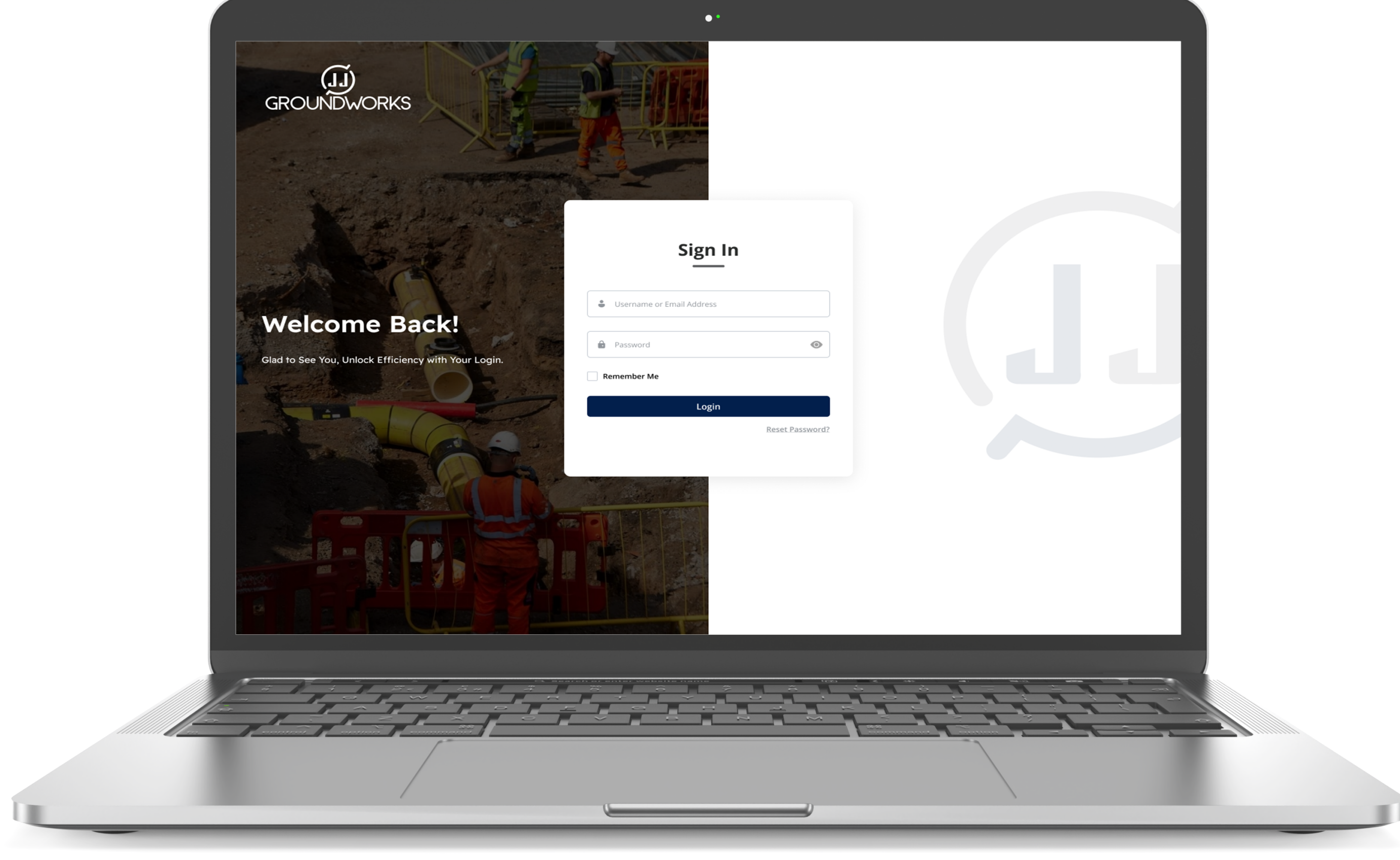


Project Case Study

PM ERP

Delivering Communication Solutions
without compromise.



Project Overview

The Groundworks application is a comprehensive solution designed to streamline employee management within an organization. This document provides an outline of the core functionalities, beginning with user management, progressing to crew management, and culminating in detailed employee management. Key features include pay history tracking, project management, and other essential operations that facilitate smooth and efficient oversight of employee roles, compensation, and team structures. Together, these components enable effective, organized management of all employee-related activities within the organization.

Core Problem

Revamping a legacy system by integrating modern technologies to enhance its performance, scalability, and user experience, while ensuring backward compatibility and minimizing disruptions to existing functionalities.

This would focus on addressing the challenges of updating outdated systems, integrating new technologies effectively, and improving the system's overall efficiency and user interface without causing major disruptions.

Key Features

Dashboard Overview:

- Snapshot of total employees, users, and roles.
- Tracks active/inactive crews and recent activity.

User Management:

- View a list of users with names, roles, and statuses.
- Perform actions like creating, editing, updating, or deleting users.
- Assign roles such as Admin, Manager, or Employee.

Crew Management:

- View crew lists with member count and status (active/inactive).
- Create, update, delete, or toggle the status of crews.

Employee Management:

- Store vital employee details, including personal information, position, compensation, and emergency contacts.
- Special fields for drivers, including license number and expiration date.
- Edit, update, or delete employee details.

Employee Pay History:

- Tracks attendance linked to specific projects.
- Provides a detailed history of wages, commissions, bonuses, and salary changes.
- Full pay history available for individual employees.

Contractor Listing Module:

- Centralized repository for contractor information.
- Displays a comprehensive list with relevant details.
- Ensures consistent workflow integration with other PMERP modules.

Technology Stack

- **Front-end: Angular**
- **Back-end: ASP.NET Core**

Third-party Integrations:

SMTP Integration for Email

Chart.js

Syncfusion Treeview

