

PETROCHEMICAL COMPANY : UAE

QHSSE Management

We recently revamped a product with Sultanate of Oman based multinational Oil and Gas company for effective implementation of QHSSE standards (Quality, Health, Safety, Security and Environment).



Introduction

The product is built for maintaining records of employee working on different locations with their permits. Along with that the product also helps in managing day to day administrative work to ensure health, safety, security and environmental standards are maintained and tracked.








This is done by recording observations, incidents and risks. We also track and monitor the tasks created using the system for transparent communication among the peers.

Key Challenges

	HSSE team observed stumbling blocks in many areas like tracking and monitoring of any incident, observation or risk etc
	Load time of application
	Manual creation of reports
	UX (User Experience) design issue
	Hanging and freezing issues



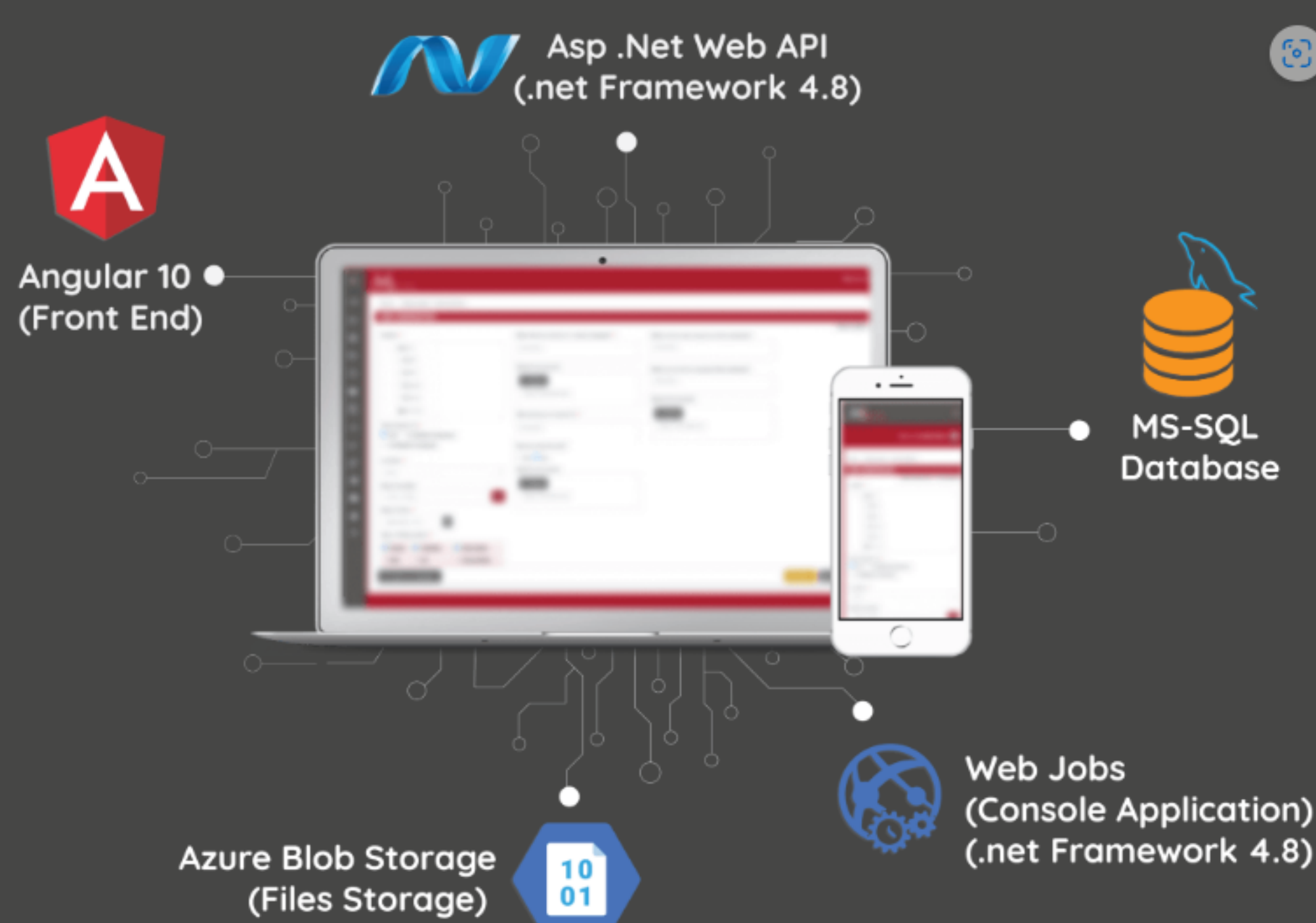
Solutions Provided

-  Architectural design changes were implemented
-  User Experience (UX) was completely recreated with modern design
-  Responsive UI to adapt to any browser, resolution or device including Android & iOS
-  Save as Draft feature through which user can save as a draft of submitted report for 24 hours in modules viz. Safety Observation - Add Observation / Incident Management - Add Incident / Inspection and Audit - Add Inspection etc.)
-  Generation of report under each module
-  Improvement of functions & Designs implemented across each module
-  Improved performance to use the product effectively













Outcome



Technologies Used



Project Team

 Hardik Shah Engagement Lead	 Rabish Ravi Solution Architect	 Rashi Gupta Project Manager	 Sunil Patil Technical Lead	 Pritesh Naik Sr. Developer	 Priyanka Barua Sr. Business Analyst
 Kavita Shah Data Analyst	 Alok Dixit Sr. Quality Assurance Engineer	 Pallavi Sharma Sr. UX Designer	 Vipin Chaudhary UI/UX Engineer	 Tanuja Pandey Jr. Developer	 Pankaj Dhakad Jr. Developer