OQSHA – A Comprehensive Overview

Introduction

OQSHA, developed by Osmosys Software Solutions, is a management tool designed for corporate and industrial environments to streamline daily operations, improve monitoring, and ensure better resource allocation. It provides an **efficient, structured approach to handling tasks, safety concerns, work permits, and asset tracking** while keeping everything easily accessible through its mobile and web platforms.

The system is built with a dual-interface approach:

- The **mobile app** is designed primarily for **ground-level workers**, making it easier for them to report safety concerns, request work permits, and track basic operations.
- The **web portal** is for **higher management**, offering advanced controls like dashboards, analytics, and detailed reporting to help oversee everything efficiently.

Purpose of OQSHA

The main goal of OQSHA is to simplify and digitalize daily workflows in industries that require strict safety compliance and structured task management. It helps companies by:
•Managing work permits with role-based approval workflows.
•Enabling quick issue reporting for safety concerns and work-related incidents.
•Tracking and scheduling asset maintenance to prevent downtime.
•Providing real-time analytics for decision-making.
•Streamlining training programs for employees.

Key Features of OQSHA

From my testing and analysis, OQSHA stands out due to its configurability, real-time data tracking, and intuitive user experience. Some of its core features include:

- **Instant Reporting** – Users can quickly report safety concerns or operational issues with text, photos, videos, or audio files.
- **Real-Time Monitoring** – The web portal provides **live dashboards** and **data analytics** to track operations efficiently.
- **Work Permit Management** – It follows a well-structured **approval system**, ensuring proper authorization for different tasks.
- **Asset Management** – Allows organizations to **monitor assets**, schedule maintenance, and track usage history.
- **Role-Based Access Control** – Users are assigned roles based on their responsibilities, ensuring **only authorized personnel** can perform specific tasks.
- **Automated Notifications** – Email and WhatsApp notifications keep everyone informed at every stage of a **reporting or approval process**.
- **Cloud-Based & Paperless** – Reduces manual work, minimizes paperwork, and ensures **data is always accessible**.

Mobile App vs. Web Portal

OQSHA is designed to cater to both ground-level workers and management, which is why the mobile app and web platform have different functionalities:

Mobile App:

- Focuses on **on-the-ground reporting** and **permit requests**.
- Fewer modules to **keep it simple** for workers.
- Allows **quick ticket submission** (with geofencing and location tracking).

Web Portal:

- Used by **higher management** for overseeing **operations, approvals, and analytics**.
- Offers **detailed dashboards** and **data filtering**.
- Allows **configuration of user roles, job types, and site settings**.

This split ensures that **workers and decision-makers both get an optimized experience** without unnecessary complexity.

Core Modules of OQSHA

1.Safety Issue Reporting (Tickets Module)

Purpose: Enables workers to report safety concerns, operational issues, or incidents at any level of production.

- Key Features:

- Allows users to raise tickets anonymously with location tracking.
- Covers Unsafe Acts (UA), Unsafe Conditions (UC), Near Misses, and Incidents.
- Tickets can be assigned, tracked, and resolved based on severity.
- Notifications ensure timely resolution of issues.

- How It Works:
Workers report issues through the mobile app, and management can review and track them via the web portal.

2.Work Permit Management

Purpose: Ensures proper authorization before performing any industrial task that requires safety compliance.

- Key Features:

- Role-Based Workflow:
  •Requester – Requests the permit.
  •Issuer – Issues the permit.
  •Approver – Approves the permit.
  •Reviewer – Reviews the entire process.

- Supports different job types like Hot Work, Electrical Work, Excavation, Lifting, Night Work, and more.
- Allows permit extensions, re-approvals, cancellations, and rejections.

- How It Works:
Permits are requested through the mobile app, then move through various approval stages on the web portal until the work is authorized.

3.Roles Management

Purpose: Assigns specific roles to employees so they can perform tasks based on their responsibilities.

- Key Features:

- Ensures that only authorized personnel can approve permits or review tickets.
- Roles are configurable via the web portal.
- Improves workflow efficiency by ensuring proper accountability.

4.Asset Management

Purpose: Keeps track of organizational assets, ensuring they are monitored and maintained properly.

- Key Features:

- Allows scheduling maintenance reminders.
- Assets can be linked to permits for better tracking.
- Helps prevent equipment failures and reduces downtime.

5.Admin Portal & Analytics

Purpose: Gives management full control over operations, data tracking, and configuration.

- Key Features:

- Dashboards for safety tickets, permits, and incidents.
- Filters to sort data by site, time, or category.
- PDF reports for audits and documentation.
- User and site configuration options.

The Admin Portal acts as the central control hub for ensuring compliance and tracking efficiency.

6.Training Module

Purpose: Helps organizations train employees on safety measures, procedures, and compliance policies.

- Key Features:

- Allows managers to assign training programs to employees.
- Tracks completion status of training.
- Ensures workers stay updated on safety guidelines.

This module ensures that workforce knowledge is up to date, reducing accidents and improving compliance.

Conclusion

OQSHA is a well-structured tool that simplifies workplace management and safety compliance. With separate functionalities for mobile and web users, it ensures efficient tracking of safety issues, work permits, assets, and employee training. Its structured workflows, improved accountability, real-time monitoring, and configurable features make it a valuable tool for corporates and industries that prioritize safety and efficiency.