

Work Hour Entries Portal for Crane Manufacturing Company



Work Hour Entries Portal – Case Study

The Summary

Client has Approached AG Technologies for developing the Web-bases Portal for entering and managing data of Employee's Work Hour.

The Client

Client is in the business of manufacturing, Sales & service of standard, process & port cranes and is the global leader in Cranes Business. They are the world-leading lifting equipment manufacturer serving manufacturing and process industries, shipyards and harbors with productivity enhancing lifting solutions and services. They have all the resources, technologies and attitude to deliver customer promise – Lifting Businesses.

The Business Requirement

The client's basis requirement was to develop customized Web-based Portal for entering and managing data of Employee's Work Hours. The portal should have provision of approving the entries and various reports based on the same.

The Solution

Highlights of the solution

1. Master

- Posting Period
- Budget Master
- User Master
- Order Class Master
- Activity Master
- Link employee to order class

Project Summary

Industry: Manufacturing

Client Profile:

Client is global leader in Cranes Business. They are the world leading lifting equipment manufacture serving manufacturing and process industries, shipyards and harbors with productivity enhancing lifting solution and service.

Solution Benefit:

1. Increase in overall productivity
2. Total Integration with business process
3. Improve Performance
4. Reporting of various aspects is more accurate and result in better analysis and decision

2. Transaction

- Order Handling Forms
- Sales Order
- Work Hours Entries (Daily)
- Work Hours Entries (Weekly)
- Bulk Checking
- Bulk Approval

3. Reports

- Invoice Annexure
- Employee wise Productivity + Chart Version
- Order Class-wise Productivity + Chart Version
- Order Class-wise Activity hours
- Work Hour Entries Query Report
- IEN Month-wise Budget v/s Actual Hours + Chart Version
- IEN Cumulative Month-wise Budget v/s Actual Hours + Chart Version
- Line ID-wise Invoice Hours
- Line ID-wise Estimated Total Consumed Hours
- Order Class & Activity-wise Weekly Hours
- WHR Status

4. Security

- Login
- Logout
- Role Management
- Authorization Module
- Activity Master
 - Order Handling Form Creation
 - Order Handling Form Modifications
 - Sales Order Creation
 - Sales Order Modifications
 - Sales Order Approval
 - Sales Order Row Addition
 - Sales Order Row Status Update
 - WHR Addition Leveled Authorization within Team
 - WHR Modification Leveled Authorization within Team
 - WHR Entry for all users of all teams
 - WHR Cancellation Leveled Authorization within Team

Technology:

- Microsoft Windows Server 2003 Enterprise Edition with latest Service Pack
- Microsoft.NET 3.5
- IIS 7.0
- Microsoft SQL Server 2008 Enterprise version
- Microsoft SQL Server Reporting System 2008

The Solution Benefit

- Increase in Overall productivity
- Total Integration for Business process
- Improve Performance
- Reporting of various aspect is more accurate and resulted in better analysis and decision