



ERP System



The Summary

Client had various departments which were to function independently, manually and lacked coordination with other departments. Its basic requirement was to automate business processes across the departments. AG Technologies developed an ERP system which automated the functioning of day to day process of the departments and enable work in close coordination with each other.

The Client

Our client is a leading organization specializing for undertaking contracts for installation and Commissioning of electrical systems. It undertakes contract in broad arrays of installation and commissioning.

The Business Requirement

The organization consists of various departments, which must function in close coordination with each other for carrying out contracting project successfully. The day-to-day processes like Human Resources, Finance and Accounting, Inventory, Contract, Administration and reports had to be automated. At present most of the task carried out by each department are independent of each other. There was no system in place to automate any of the day to day processes.

The Solution

In order to cater the need mentioned above an ERP system was developed. This is an intranet application was developed providing interface for the employees of different departments to enter details for contracts/projects undertaken and sub contracted to other vendors. The solution was implemented using Microsoft 3 Tier architecture that is Data layer, Business Layer and Presentation Layer. Errors in the ERP system will be handled centrally.

The ERP system implements security with the use of forms, authentication provided by ASP.NET. Forms authentication redirects authorized users to a pre- configured HTML form, which prompts them for their Login ID and Password.

A single error class will have to be used which will take care off all the possible error messages to be displayed. An XML resource file will be used to store all error messages associated with return codes.

Project Summary

Industry: Manufacturing

Client Profile: Leading organization specializing for undertaking contracts for installation and Commissioning of electrical systems

Business Requirements:

Client wanted to automate the functions and business processes across the various departments.

Solution:

AG Technologies developed ERP system

Solution Benefits

- Automated day to day function
- Effective reporting to Sr. Mgt
- Easy integration.
- Proper work allocation and coordination of activities.



AG Technologies

The Solution Benefit

- The ERP system integrates automating the functioning of day to day process departments to work in close coordination with each other.
- Easy delegation of work by the client to its contractors and suppliers.
- Easy to submit various finance and accounts and management reports to senior management.
- Easy Integration of day to day processes.