

Customer Profile

Targeted Clients

Our Solution

ESN Payroll is a Windows based application developed using Visual Basic 6.0. MS Access is used as the database. Crystal Reports 8.0 is used as the reporting tool. The application uses ADO as Data Access Interface

Methodology

ESN has a well-defined Software Development Life Cycle (SDLC) model that takes an iterative approach in executing a project. Each build or milestone would have incremental functionality. Builds/milestones are scheduled so that obtaining specific requirements related to the build/milestone, revision of project documents, planning, thorough testing and bug fixing are carried out incrementally.

This approach mitigates risks in Project implementation, especially in implementing stable Product like ESN Payroll.

Benefits

The Accounts department, the end user of this product has saved significant amount of time with the implementation of this solution.

The accuracy in the Payroll work has considerably increased and a number of Payroll statements are a just a click away.

Introduction

Payroll Administration is an integral part of any business, small or large. Keeping accurate data of salaries and leaves of employees is becoming more and more important. As the payroll data is also required for statutory needs, it is essential to store it over long periods and retrieve it in a systematic format. A tool is definitely required to do all these tasks. ESN Payroll Management System is developed to address these requirements.

ESN Payroll is a Payroll Data Processing and Warehousing solution. It manages salary data and leave data of employees. It supports generation of various payroll statements and pay slips.

Situation

The goal of the project is to streamline and automate the payroll work of the company.

Features

ESN Payroll provides the following features:

Data Maintenance:

- Employee Master Data
- Salary Data
- Leave Data
- Attendance Data

Report Generation:

- Pay Slip Generation
- Detailed Payroll Statement
- Provident Fund Statement
- Professional Tax Statement
- Bank Statement
- Leave Balance Statement
- Cumulative Employee Salary Statements

Highlights of ESN Payroll:

- Easy to customize to specific client needs
- User friendly
- Login Security Authentication
- Backup and Restore options
- Option to export Payroll Statements to Excel spreadsheets

Tools and Technologies

Analysis and Design: Rational Rose 2000

Development Tool : Visual Basic 6.0

Database : MS Access

Reporting Tool : Crystal Reports 8.0

Our Process

- Thorough study of requirements was carried out leading to the preparation of Software Requirements Specification (SRS) and User Interface Design (UID).
- High Level and Detailed Design documents of the system are created using UML as the modeling language.
- Incremental and frequent Builds are sent to the end-user according to the Project Schedule. This helps obtain regular feedback from the client for each module.
- Coding and UI standards are strictly adhered to. Regular code reviews and walkthroughs are carried out by the Quality Analyst and senior members of the team.
- Unit, Integration and System testing are carried out by using test plans and test scripts

Conclusion

The system has been running smoothly and found to be addressing all the requirements for which it was developed for. All the features are attainable quickly, which make **ESN Payroll** an attractive investment.