

DNS ERP Private Limited

ERP Scope for Educational Institute Management Software

DNS Enterprise Resource Planning (ERP) software is a fully integrated business management software, to link business processes automatically and give real time information to authorized user, to facilitate and accelerate the decision making process.

Developed in ASP.Net with MS SQL 2000 Server database as backend RDBMS and runs on platform MS Windows 2003 Server OS. MS Excel integration allows user to get report automatically as MS Excel spreadsheets. Professional reports can also be generated in crystal reports with graphical presentation by way of a pie chart.

DNS ERP Pvt. Ltd. is a Platinum Partner of "My Report", a french company for its Business Intelligence, advance analysis and reporting software.

DNS has been chosen as "Software Partner" by Intel Corporation.



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The following are some key **Educational business processes** (or procedures) which can be managed using ERP software. In ERP parlance, they are referred as **ERP modules**. Some of these, or all of these, modules/procedures may be applicable in your organization, depending on the business requirements. MIS (Management Information System) reports are shown for each module. *The DNS ERP user gets a set of pre-mapped best business practice solutions for their particular industry. We have successfully deployed the following modules and procedures at various organizations. This is a general list of major input and output.*

CORE MODULES	
1.	Security Module
1.1.	<u>Masters:</u>
1.1.1.	User Manager.
1.1.2.	User group master.
1.2.	<u>DNS features:</u>
1.2.1.	DNS is multi user, multi tasking ERP software. Multi-level security based on User Group and User Level.
1.2.2.	Create Login id and password for each user.
1.2.3.	Assign permissions. Map each user with menu / submenu.
1.2.4.	Restricting user access with login and password.
1.2.5.	Role based access & password.
1.2.6.	Audit trail: DNS ensures accountability of users. Work done by individual users can be easily tracked because all transactions capture the users name automatically.
1.2.7.	Automatic Audit Trail helps top management to know who has updated Masters or transaction and when.
1.2.8.	Each menu and submenu can be locked (allow / deny) including MIS (Management Information System) reports to individual user in a very user friendly screen with tree structure and check box facility.
2.	Accounts Module – General Ledger Accounts
2.1.	<u>Masters:</u>
2.1.1.	Account Group Master.
2.1.2.	Subgroup Master.
2.1.3.	General Ledger Account Head Master with Tax, Bank, Cash bifurcation.
2.1.4.	Detail Account Master.
2.1.5.	Narration Master.
2.1.6.	TDS (Tax Deducted at Source) and % fields in the supplier / address (TP) masters. Automatic posting in GL. DNS will create a JV automatically.
2.2.	<u>Transactions:</u>
2.2.1.	Cash receipt voucher.
2.2.2.	Bank receipt voucher.
2.2.3.	Cash payment voucher.
2.2.4.	Bank payment voucher.
2.2.5.	Service-tax payment.

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2.2.6.	Journal Voucher.
2.2.7.	Contra-entry voucher.
2.2.8.	Credit Note.
2.2.9.	Debit Note.
2.2.10.	Expense PO (for service provider, optional).
2.2.11.	Expense voucher (for service provider bill booking).
2.2.12.	Adjust unlink receipt with open sales invoice.
2.2.13.	Adjust unlink payment with open GRN (Purchase bill / expense bill).
2.2.14.	Closing balance for master data (debtor, creditor, and GL accounts).
2.2.15.	Rate of depreciation (as per company act).
2.2.16.	Rate of depreciation (as per I-Tax act).
2.2.17.	Asset installations slip.
2.2.18.	Asset sale transaction. (For asset register and deprecation register).
2.3.	Key MIS reports:
2.3.1.	Trial Balance. Option of various kinds of formatting, such as - GL wise Tr. Balance. Sub-group wise Tr. Balance. Group and GL wise Tr. Balance. Group and sub-group wise Tr. Balance. (Option of T- format = only closing balance).
2.3.2.	Sub-ledger trial balance.
2.3.3.	Cash Book.
2.3.4.	Bank Book (supports multiple banks) with receipts, payments & contra filters.
2.3.5.	Expense voucher register.
2.3.6.	Journal Voucher register.
2.3.7.	General Ledger. (Account head wise or all accounts with details under General Ledger). Filter available for amounts < than, > than and =.
2.3.8.	Credit note register.
2.3.9.	Debit note register.
2.3.10.	Contra-entry register.
2.3.11.	Fixed Asset register.
2.3.12.	Depreciation schedule (as per company act).
2.3.13.	Depreciation schedule (as per Income Tax act).
2.3.14.	Profit & Loss account. (GL wise and sub-group wise). For multi-location user can make consolidated P & L report.
2.3.15.	Balance Sheet (GL wise and sub-group wise).
2.3.16.	Bank reconciliation statement.
2.4.	DNS features:
2.4.1.	Automatic posting in respective G. L.
2.4.2.	TDS procedure takes care of automatic TDS posting.
2.4.3.	Service tax procedure takes care of automatic posting in ledger.
2.4.4.	Help of Standard Narration master saves time to enter voucher.
2.4.5.	All reports with drill down facility down to transaction level.
3.	Academics
3.1.	Master
3.1.1.	Department Master
3.1.2.	Designation Master

3.1.3.	Faculty Type Master
3.1.4.	Faculty Master
3.2.	Transaction
3.2.1.	Faculty Subject Allocation
3.2.2.	Time-table
3.3.	Report
3.3.1.	Faculty Register
3.3.2.	Faculty Time Table
4.	Admissions
4.1.	Masters
4.1.1.	Registration Form
4.1.2.	Admission Master
4.1.3.	Stream Master
4.1.4.	Course Master
4.1.5.	Class Master
4.1.6.	Division Master
4.1.7.	Pattern Master
4.1.8.	Subject Master
4.1.9.	Religion Master
4.1.10.	Caste Category Master
4.1.11.	Caste Master
4.1.12.	Holiday Master
4.2.	Transactions
4.2.1.	Roll No Allocation
4.2.2.	Division Allocation
4.2.3.	Practical Batch Allocation
4.2.4.	Branch Transfer
4.3.	Reports
4.3.1.	Registration Register
4.3.2.	Student List Division wise, Course wise
4.3.3.	Student ID List
4.3.4.	Student Merit List
4.3.5.	Admitted Student Merit List
4.3.6.	Branch Transfer
5.	Administration Module
5.1.	Master
5.1.1.	Status Type Master
5.2.	Transaction
5.2.1.	Student Enquiry
5.2.2.	Student Enquiry Status
5.2.3.	Registration
5.3.	Report
5.3.1.	Student Enquiry Register

5.3.2.	Registration register
5.3.3.	Dashboard
6.	Student Attendance module
6.1.	Masters
6.1.1.	Lecture Master
6.2.	Transactions
6.2.1.	Student Attendance Entry
6.3.	Reports
6.3.1.	Student Attendance Report
7.	Examination management
7.1.	Master
7.1.1.	Student Subject Master.
7.1.2.	Performance Grading Master
7.2.	Transaction
7.2.1.	Set no Allocation.
7.2.2.	Student Mark entry main.
7.2.3.	Student Mark entry revaluation
7.2.4.	Student Mark entry ATKT
7.2.5.	Student Promotion
7.2.6.	Elective subject Selection
7.3.	Reports
7.3.1.	Student Marks report main
7.3.2.	Student Marks report revaluation
7.3.3.	Student Marks report ATKT
8.	FEES Management module
8.1.	Master
8.1.1.	Fees description
8.1.2.	Fees structure
8.2.	Transaction
8.2.1.	Fee Receipt
8.3.	Reports
8.3.1.	Fees Collection Report
8.3.2.	Balance Fees Report
9.	Purchase Module
9.1.	Master
9.1.1.	Supplier master
9.1.2.	Business Type Master
9.1.3.	Inquiry Mode
9.2.	Transactions
9.2.1.	Purchase requisition
9.2.2.	P R approval Pending

9.2.3.	Purchase enquiry.
9.2.4.	Purchase Quotation.
9.2.5.	Preparing Purchase Order
9.2.6.	P O Approval Pending
9.2.7.	Expense Order
9.3.	Reports
9.3.1.	P.O register
9.3.2.	P.O. status register
9.3.3.	P R Register
9.3.4.	Purchase Inquiry Register
9.3.5.	Purchase Quotation Register
9.3.6.	P O Pending Register
9.3.7.	Expense Order Report
9.3.8.	Multiple Contacts Register
9.3.9.	Supplier Ledger (Creditor Ledger)
10.	Inventory Module
10.1.	Master
10.1.1.	Item master .
10.1.2.	Item sub category master.
10.1.3.	Main location master.
10.1.4.	Sub location master.
10.1.5.	UOM
10.2.	Transactions
10.2.1.	GRN or Goods receipt Note, Linked to stores as well as creditor accounts.
10.2.2.	GRN QC
10.2.3.	GRN Bill Passing
10.2.4.	Material issue Note to department.
10.2.5.	Opening Stock
10.2.6.	Stock adjustment note.
10.2.7.	Returnable Challan
10.2.8.	RTV - Non Excisable
10.2.9.	Physical stock verification.
10.3.	Reports
10.3.1.	GRN register
10.3.2.	Item Master
10.3.3.	MIN register
10.3.4.	Material Inward Register
10.3.5.	Item Ledger
10.3.6.	Item ledger with Quantity
10.3.7.	Item Ledger Summary
10.3.8.	Returnable Challan register
10.3.9.	RTV register
10.3.10.	Stock Valuation
10.3.11.	SAN Register
10.3.12.	Physical Stock Slip Report

Optional Modules

1.	Payroll
1.1.	<u>Master</u>
1.1.1.	Employee Type master
1.1.2.	Employee Master
1.1.3.	Earning heads & deduction heads Master
1.1.4.	Employee Salary Master
1.1.5.	Department master (Cost Center)
1.1.6.	Designation master
1.1.7.	Bank master / Bank-Branch master
1.1.8.	Group Master
1.1.9.	Grade Master
1.1.10.	PF Ceiling Master
1.1.11.	ESIC Ceiling Master
1.1.12.	Profession Tax Master
1.1.13.	Labour Welfare Fund Master
1.1.14.	Leave Allotment Master
1.1.15.	Combine Challan (Acc No.1, 2, 10, 21 & 22) Master
1.1.16.	Income Tax – Form 16- Signing authority master
1.1.17.	Income Tax – Earning and deductions (Section 80C, 80D, 80 U, 17(2) (V) etc.)
1.1.18.	Country Master/State Master/City Master
1.1.19.	Payroll – Account Setting Master
1.2.	<u>Transactions</u>
1.2.1.	Attendance – The number of days present by an employee will have to be
1.2.2.	Loan (Principal, Monthly EMI) Entry
1.2.3.	Advance (Principal, Monthly EMI) Entry
1.2.4.	Monthly Deductions (Loan/Advance)
1.2.5.	Monthly Payroll preparation
1.2.6.	Leave Application
1.2.7.	Leave Approval
1.2.8.	Employee Resignation
1.2.9.	Income Tax Monthly Challan Entry
1.2.10.	Mobile Bill Entry
1.3.	<u>Reports</u>
1.3.1.	Employee list
1.3.2.	Payroll Register
1.3.3.	Attendance Register
1.3.4.	Pay Slip
1.3.5.	Bank Statement
1.3.6.	PF Report.

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1.3.7.	Professional Tax [Professional Tax] Statement
1.3.8.	Loan Register
1.3.9.	Advance Register
1.3.10.	ESIC Report.
1.3.11.	Labour Welfare Fund Report
1.3.12.	Income Tax Yearly Report Per Employee wise (Automated)
1.3.13.	Form 16
1.3.14.	Leave Encashment Statement.
1.3.15.	Combine Challan Acc. No.1, 2, 10, 21 & 22
1.3.16.	Employee Joining Report
1.3.17.	Employee Resigned Register
1.3.18.	Form 3A
1.3.19.	Form 6A
1.3.20.	Form 5
1.3.21.	Form 10
1.3.22.	TDS Statement
1.3.23.	Annual Bonus Report
1.3.24.	Gratuity Report
1.4.	<u>DNS features</u>
1.4.1.	User Definable Earning and Deduction Heads
1.4.2.	Deduction heads – Monthly Editable or Not Option provided
1.4.3.	Daily wages, monthly wages – Salary calculations
1.4.4.	Attendance types – absence, paid leave, unpaid leave, etc.
1.4.5.	Loans and advances to employees
1.4.6.	Employee type – manager, operator, etc.
1.4.7.	Automatic calculation of income tax in pay-slip every month based on Earning
1.4.8.	Modify all the transaction as many times as needed.
1.4.9.	Salary lock. (After this no Modification is allowed, once Account is audited).
1.4.10.	Auto Journal Voucher (JV) Entry generation from Payroll
1.4.11.	User Matrix – By which each user is given/denied access to particular
1.4.12.	Every Report can be easily transferred to Excel.
1.4.13.	Very User Friendly GUI and Easy to understand Procedures which require
2.	<u>Library Management System</u>
2.1.	<u>Masters</u>
2.1.1.	Book Master
2.1.2.	Publication Master
2.1.3.	Book Prefix Master
2.2.	<u>Transactions</u>
2.2.1.	Book Bank Form
2.2.2.	Book Recommendation Note
2.2.3.	B R Approval
2.2.4.	B R Approval by Principal
2.2.5.	Book P O

2.2.6.	Book Receipt Note
2.2.7.	BRN Bill Passing
2.2.8.	Book Issue
2.2.9.	Book Return
2.2.10.	Book Reservation
2.2.11.	Scrap Book
2.3.	<u>Reports</u>
2.3.1.	Books Register
2.3.2.	Book Details
2.3.3.	BRN Register
2.3.4.	OPAC
3.	E-Mail alerts
3.1.	Email id Master for sending auto emails
3.2.	Pending Purchase Order since defined days.
3.3.	Sending notes to students and faculty
3.4.	Fees/penalties outstanding since defined in days/months
3.5.	Bank balance going below defined amount.
3.6.	Sudden declaration of holiday.
3.7.	Special Guest lecture
4.	Automatic SMS to mobile phone
	SMS Gateway is designed to integrate seamlessly with DNS to be sent to multiple recipients. Very simple to use.
4.1.	Sudden declaration of holiday.
4.2.	Short note for arrangement of special guest lecture.
4.3.	Examination mark update to student and Parents
4.4.	Attendance status to student and parents.
4.5.	Change in Examination Schedule.
5.	Transport
5.1.	<u>Master</u>
5.1.1.	Vendor Type Master
5.1.2.	Vendor Master – Variable Plan/Monthly Fixed Plan
5.1.3.	Vehicle Master – Bus Vendor Rate/Our Rate per hour, Per Kms, Full day charges, Half Day charges, AC Charges, Non AC Charges, Monthly Fixed Charges & Mileage
5.1.4.	Students Monthly Fees Master.
5.2.	<u>Transaction</u>
5.2.1.	Local Trip Entry
5.2.2.	Out Station Entry
5.2.3.	Petrol Slip Entry – Tracks Fuel Filled, Driver Details, KM Reading and Mileage
5.3.	<u>MIS Reports</u>
5.3.1.	Trip Details for given period
5.3.2.	Trip Details Vehicle wise

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5.3.3.	Trip Details Customer Wise
5.3.4.	Bill Details for given period Customer Wise.
5.3.5.	Customer Bills Due for Payment
5.3.6.	Vendor Bills due of Payment.
5.3.7.	Total KM Run by all the Vehicles for the given period.
5.3.8.	Total Fuel Consumed by all Vehicles for the given period.
5.3.9.	Petrol Slips for given period.
5.3.10.	Driver wise Student Pickup List.
5.3.11.	Vehicle list
5.3.12.	Vehicle maintenance
5.3.13.	Trip / tour list
5.3.14.	Students pick up and drop report
5.3.15.	Driver list
6.	Resource Matrix Module
6.4.	<u>Master</u>
6.4.1.	Activity Master
6.4.2.	User Master
6.4.3.	Customer Master
6.5.	<u>Transaction</u>
6.5.1.	Daily Time Card entry
6.6.	<u>Key MIS reports</u>
6.6.1.	e wise (User wise) time spent report for a given period
6.6.2.	Activity wise time spent for a given sales order (ORI)
6.7.	<u>DNS features</u>
6.7.1.	Activity or Task Tracking of individual in the organization – for example draftsman hours salesman hours
6.7.2.	Can be also linked to enquiry or quotation (pre-sales) time spent by staff
6.7.3.	Department wise, controlling and monitoring indirect time (hours) spent by staff
7.	Multi-location
	This module is applicable for multi-location organization. For instance, Head office and Factory are situated in different geographical locations. Static IP address server and broadband internet connection allows user to access ERP database from anywhere / anytime. Pre-requisite Server with fixed IP address from your ISP (Internet Service Provider) and firewall software is required. You can also opt for 'thin-client' technology.
7.1.	Remote Connection from another computer using Internet.
7.2.	DNS also supports Remote Login where user can access ERP Server using Internet.

