Intelligence is the ability to adapt to change.

– Stephen Hawking

e-School

Academic II Finance II Management

More intelligent cloud ERP for everyone

Our fast, flexible, affordable Cloud ERP can help schools/colleges of all sizes transform and grow in the digital economy.

BUSINESS PROPOSAL

Submitted To:

Submitted By:

e-Zone
INTERNATIONAL

New Baneshwor, Opp. to BICC West Gate, Kathmandu, Nepal, GPO Box No. 1213
Phone: 977-1-4483088, 4494072 Email: info@ezone.com.np
www.ezone.com.np

cloud ERP for everyone

Advantage of e-School

Centralized data
Centralized data is secure and easy to backup.

Easy Access
Reach anybody, anywhere in the world.

24 / 7
Available 24 hours a day, 7 days a week.

Reduce business costs
Allow users to update their own details.

Always up-to-date
Quick and easy to update from anywhere

Zero install
All PCs have a browser

Online training
Online training can be completed at user's own time and pace

e-Zone
INTERNATIONAL

Date:

To, ……………………...…….

…….…......…………………………………

Sub: Technical Proposal for the Implementation of e-School Software

Founded in April 2003, e-Zone International is a premier IT organization with ISO 9001 certification driven towards providing the best of the technology era through solutions locally and globally. e-Zone offers its services to organizations in the public and private sectors in Nepal and preparing to explore its software worldwide. We offer an array of integrated services that combine top-of-the-range technology with deep sector expertise and a strong command to educational institutions, public enterprises, government organizations and the private sector. During the last 15 year, we have successfully implemented more than 500 projects for 300+ clients.

To grow your educational business, you need to devote time to more important things than piecing together information and operational details from disparate business systems. If your teacher, student, accounting and operational systems are not integrated, your productivity inevitably suffers. **With e-School , you can improve class room performance, increase financial efficiency and reduce back-office costs using a single, integrated solution. Similarly you will get one intuitive place to manage payroll, benefits and HR for your business.**

We believe **our holistic approach** to automating is well suited to your business. Please let us know how we can help you by calling us at +977-1- 4483088 or email us info@ezone.com.np. And don't forget about our FREE ERP Consultation and/or product demo.

Product Website: ezone.com.np/eschool

Demo Link: eschooldemo.ezonecloud.com

Finally, we realize that you are very busy and wanted to thank you in advance for your time spent reviewing our proposal.

Yours truly,

General Conditions:

1. e-Zone will provide 12 months warranty for "e-School" from the date of agreement. After warranty period client should pay the Annual Maintenance Charge (AMC) or Annual Renewal Charge (ARC) as per the agreement to continue for regular support.

2. We provide essential training and support as per the software cost, client size and agreement terms. Moreover we provide additional training or implementation support at client's location to run the MIS with additional charge. It will be advantage to you for your successful implementation of MIS.

3. e-Zone will provide support to client in clients place as on-site-support and as off-site-support we support by Phone, Skype, Online, e-Mail and Team Viewer.

4. All the prior needs for the deployment of the software like Computer/Server Hardware, Router, UPS, Internet, Antivirus, Operating System, Database, Data Entry, Data Migration etc. are to be provided/done by the Client.

5. We will provide you with financial proposal upon your request.

Top **5** Signs Your School/College is Ready for an ERP System

- You Have Lots of Different Software for Different Processes

- You Don't Have Easy Access to Information About Your Business

- Accounting Takes Longer and Is More Difficult

- Sales and the Customer Experience Are Suffering

- Your IT Is Too Complex and Time-Consuming

Academic

Student Information

System allows easy access to particular student information regarding their academic, personal, family, previous school details along with his/her photo.

Student inquiry

Student inquiry module manages the complete inquiries that have come up with the school and keep track of inquiries. All the school related inquiries can be store at one place. This portal allows easily search students belonging to a particular class, standard, section or batch.

Student admission

This portal allows you to manage entire admission process of the students easily along with student's required details. Through this portal you can manage the admissions of students very easily and effortlessly.

Transportation & hostel management

Transportation management module comprehensively handles the complete transportation process like allocation of vehicle to a particular route, setting up fees based on the criteria like distance/ area, bus schedule details on daily basis, vehicle no., etc. This Module will also keep the record of students in hostel and their accommodation charges (if any).

Awards & Achievements

This feature can be used to record and recognize the student's achievements. Students can see their awards and achievements in their login. Parents can also have their own login to get an overview of their children's achievements, which empowers communication between school, teachers and parents.

Comments/Feedback

System allows passing comments and feedback for both students as well as teachers which help them to evaluate themselves. This will help to bring best possible efficiency to the intuitions progress.

Academic details

e-School provides facility to record students educational details like year of enrollment, previous educational document, etc. System can keep lots of information reports in a secured manner that helps the school management to take quick decisions.

Attendance

This portal provides user friendly dashboard where class teachers can easily take and track daily attendance of students in their classes. With the help of this module, parents can be well alerted about their child time in and time out from school.

Id card printing

System automatically generates a printable identity card for each student on enrollment, saving time and cost of designing ID cards for students. It allows you to generate flexible ID cards as per your school design needs; saving your time and effort.

Guardian details

Guardian's details like personal details, login details, contact details, working details and other details can be stored securely in this centralized system. Guardian details can be viewed easily whenever and wherever needed.

Student Parent Portal

Students as well as parents can login with the system. All the information can be gathered and displayed in a single window making the experience much better and streamlined.

Student/Parents Dashboard

e-School act as a bridge between teachers, students and parents. Every student has a unique login and it is also provided to students' parents. Parents portal enables parents to involve and actively participate in their child's educational information like attendance record, grades, classroom assignment, calendars, and various reports.

Assignment

This feature allows student to view assignments and downloads it online. Students can also submit assignment either online or offline. This offers a great outlook on the class timetable and assignment management.

View lecture notes

Students can find their lecture notes in the system. Lecture notes provided by the lecturer can view and downloaded at any time and through any device.

Syllabus and question Bank

Students can find syllabus and question bank as per the class and batch. Students can be view and downloads syllabus and question bank from the system easily.

Awards and Achievement

This feature serves as an acknowledgement of the achievement of the students. Parents can be well known about the accomplishment of their child.

Comments/feedback

Student can pass comments/feedback to teachers for better teaching performance analysis. This will help to bring best possible efficiency to the intuitions progress there by better overhaul.

View Academic Calendars, events and notices

System is integrated with robust communication systems to alert students/ parents on notices and key events. This feature allows students/parents to view the academic calendars. Events and Notices regarding information can be delivered to students as well as parents by the system.

Check books availability

A library is a big place, filled with thousands of books. Librarian might be there to guide; although students themselves can find their required books; if available or not-just by browsing the system.

Communication

e-School act as a direct line of communication between teachers, students and parents. Communication features of this system allow students to communicate directly with the management or teachers regarding homework, notices, and projects. The Parent Portal includes a communication feature which enables parents to send private messages directly to their student's teachers. This direct line of communication can help parents and teachers ensure the success of their students.

Check due, attendance, exam status

By this feature students/parents can get reminder for fees payment. Students/Parents can be well known about the classroom and examination status. Parents are sent automated SMS and email alerts when students are absent from classes.

Class Routine Management

Students can view class daily Routine Sheet for every classes before they appear in the classroom. Routine export and print out will be available.

Learning Management System

Learning Management System helps to improve e-Learning system effectiveness.

Routine & Classroom

Admin can manage users, courses, roles and generates report. Students as well as teachers can view class daily Routine Sheet for every classes before they appear in the classroom. Routine export and print out will be available.

Create & evaluate assignment

This feature offers a great outlook on the class assignment management. e-School allows teacher to create and assign task to students. A complete overview of how classes are developing over time can be known. Teachers can view the number of students who have submitted assignment or who have not.

Lecture notes

Create Exams for various school sessions and terms. You are allowed to set different types of examinations that might be unit test, terminal or any examination types. Schedule and manage examination effortlessly to fit the need of your institution.

Homework Management

Homework management is a critical process of a school. With this homework management portal, homework management becomes very easy for students, teachers and parents. Teachers can assign homework to students through this system. Parents and students can view homework on this homework management portal.

Syllabus, course plan Management

With this syllabus and course plan management, teachers and students can find syllabus and course plan as per the class and batch. Syllabus/course pointer are available for downloads.

Question bank

With this feature, teachers can upload their related subject question bank for students on the system. Students can view and download question bank as per year through this portal.

Reporting & Evaluation

Reports can be easily accessed. Track the performance over a tenure or large group of employees or students. LMS is Simple and effortless means of performance evaluation.

cloud ERP for everyone

Examination Module

Examination Module covers almost all the activities related to examination management.

Grade/Mark Based Examination

This feature gives the option to define whether the exam results will be shown as marks or grades. System automatically calculates the overall module mark and associated grade. The exam results will be shown as marks or grades based.

Manage Subject

Register the subjects which a group of students study and enjoy the flexibility of updating marks flawlessly.

Exam types, exam conducts and weightage

Create Exams for various school sessions and terms. You are allowed to set different types of examinations that might be unit test, terminal or any examination types. Schedule and manage examination effortlessly to fit the need of your institution.

Generate Admit Card

System automatically generates a printable admit card for each students, saving time and cost of designing cards for students. Administration can generate bulk Admit card from the system easily. Important details of the exam such as date and time, examination center, candidate roll number and other credentials are printed in the admit card.

Examination attendance

This feature allows keeping record of the students taking the exam. Reports about absent students can be generated. Provides parents with first-hand information about their child bunking the examination or genuinely taking a day off from school.

cloud ERP for everyone

Comments/feedback

Comments/Feedback can be passed for better performance analysis. This will help to bring best possible efficiency to the intuitions progress there by better overhaul.

Continuous evaluation

Enables schools in comprehensive and continuous evaluation of students by providing various analysis reports.

Marks ledger and mark sheet

Enables complete automation of examination and mark sheet. Only marks obtained and settings are input for this. It generates different mark-sheet for terminal & summary report for final term.

Performance analysis

Student performance on exam can be prepared on this system. This analysis is used to develop a plan which will help the teachers in improving student examination performance.

Other analytical report

View detailed class-wise or student-wise report cards for each completed exam. Exam wise report, subject wise report, consolidated report, combined report and reports based on student rankings per class, batch, subject and attendance. Report cards can be customized to suite your schools requirements.

Flexible mark sheet layout

The system provides the flexibility to design ones own marksheet layout. This feature offers you a tremendous amount of formatting flexibility.

Library Management

Library management carries out complete task of manual library functions without any hassle.

Manage book category, group & sub-group

Library management system is a labor-intensive and time consuming activity. Library management admin/member can easily search for books by book author, Title and Publication name. Keep record of different categories like; Books, Journals, Newspapers, Magazines, etc.

Manage rack & compartment

Through system one can know where the required books are- which rack & compartment does the book lies. Librarians can use the system to create an inventory and specify a book's location within racks & compartment. It removes manual process of managing books by easy and simplified way saving time and effort.

Book information

System provides an easy way to know the status of a book. Librarian can keep complete information of a book like; Book name, Author name, Publisher's name, Date/ Year of publication & Cost of the book, etc.

Define issue rule

With this system librarian can configure books issue related rules such as the type of books to be issued by students, the number of books to be issued and the time for which the books are borrowed.

Library membership

e- School makes library management easy and less time consuming. As a Library member, one can access more number of books, documents & notes. This system allows only authorized members to access library materials.

Barcode generator

This feature manages library operations and book details with Barcode. Use of Bar Codes for Library Management eases everyday tasks of Libraries. Moreover, the software can work even without Bar Codes seamlessly. Bar code integration makes borrowing books easy and error free for everyone.

Book issue/return/renew

Manage library's daily activities like book issue, renewal of books, return books back to library, book reports etc. through the system. With this system, the librarian can easily catalogue books and maintain records of issued, reissued and overdue books. This library management feature also captures date of issue and return.

Lost or damaged record

Librarian can keep record of lost or damaged books. Students can be claimed for fine in-case of books damaged or lost.

Library fine

The software automatically calculates fine for late returns of issued book. The system also shows fine levied by automatically counting days from the date of issue in-case of late return of the book.

Reports

System can generate auto reports for the book condition. Different kind of reports like; total no. of books, no. of issued books, no. of journals, etc. can be generated. Also customized reports for library items, library inventory and library fine collection can be generated.

Finance

Student Billing

Student Billing Service accelerates the student billing process efficiently reducing the unnecessary operational costs.

Create and manage fee

This module allows creating different fee groups as per the class and accommodation students acquire. Fee management is one of the major components in managing Educational institution. e-School allows to create and collect different types of school fees like tuition, transportation, hostel, etc. for different sessions, terms or classes.

Discounts/Scholarship/Fine

System allows giving discounts while collecting fees; automatically considered scholarship for merit based students; define late payment fees that get applied daily, weekly etc.

Payment deadline

Payment Schedule varies by school or program. When due dates are coming, e-School lets students and parents informed on fee payments. System sends an alert about the payment deadline approaching for fee payment by time.

Payment Methods

Fee management is one of the critical processes of a school that stores all fee-related information along with the frequency at which it is collected. Students can deposit payment on school fee counter or on bank.

Transportation, hostel and optional fee

Transportation portal makes easy to maintain vehicle and routing details and collection of students transportation fee, integrating with fee module. Hostel module efficiently manages all your hostels and residential facilities in the institution. All the accommodation and damaged cost made by student can be included in this module.

Invoice & Receipts

System generates Invoices/Receipts for each fees. A fee receipt is generated, which can be handed over to the student for reference. Parents can also view and print their invoices.

Daybook & Cash Collection

e-School records your day to day financial transaction in a secured manner. System can easily maintain daybook and cash collection of student's fee by monthly, termly or yearly. It manages cash receipt in organized way, so that user can identify all student info and summary.

Fee receivable & student due

e-School manages collection of school fees with ease and accuracy. It helps to generate fee due reports of each student. System automatically calculates the due amount of students unpaid fee.

SMS & email Messaging

Sending SMS/Email alerts is one of the best features of e-School. It empowers Communication with parents, student and employees on a more personal level by sending SMS text right to their mobile phone from the system.

Bad Debt

System provides a framework for recognition of baddebt. This feature helps to manage the school debt record easily.

Flexible mark sheet layout

The system provides the flexibility to design ones own marksheet layout. This feature offers you a tremendous amount of formatting flexibility.

Accounting and Financials

e-School helps you manage your general ledger, journals, budgets, and accounts payable (AP) and receivable (AR). You can conduct all your banking activities, including processing bank statements and payments by methods such as check, cash, and credit card, as well as internal and external reconciliation of various accounts. You can also create various financial reports including profit and loss, cash flow, balance sheet, aging, and profit center reports.

Chart of accounts

Create and manage charts of accounts, which you can adapt to fit your unique business needs. Define individual charts of up to 4 segments (or levels), if needed, to support your businesses processes and reporting requirements. You can create segmented charts of accounts that represent your departments, divisions, regions, branches, and so forth.

Journal entries

Benefit from functionality that automatically posts journal entries from the sales, purchasing, and banking areas and also either manually or automatically creates new journal entries. You can search for existing entries and automatically allocate each transaction to a project or a profit center.

Journal vouchers

Save multiple manual journal entries to a batch to review them before processing. This allows you to verify and correct postings if necessary before they are entered into the general ledger.

Tax engine

e-School tax engine has been designed to address a variety of complex tax requirements while maintaining a user-friendly interface that can be maintained by your company's tax professional. The tax engine has a high degree of configurability, allowing it to address known tax requirements in addition to future tax modifications.

Budgets

Define and manage budgets against general ledger accounts. Define budget figures and display a summarized budget report that compares actual and planned figures. e-School notify you if a transaction exceeds the budgeted limit.

Reversing journals

e-School allows users to reverse journal entry for each posting, if desired.

Fully integrated financials

Automate key financial and banking management activities with fully integrated functionality. When you run a transaction, the software automatically posts a journal entry in the general ledger so you don't have to perform additional posting or batch processing.

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Control accounts

Identify accounts as control accounts and assign them as default posting accounts for the increase or decrease balances. This helps ensure synchronization between the general ledger and the subsidiary ledgers.

Period-end closing

Use this feature to create specific postings in the accounting system when a posting period (or fiscal year) ends. e-School automatically transfer previous general-ledger account balances from one period to another.

SSRS Reports

Quickly generate real-time financial reports in a variety of layouts and export them into formats that best meet your needs, including Adobe pdf, microsoft Word, and microsoft excel.

Multilevel reporting

Create reports that allow your data to be grouped and viewed at all levels. If you need to access lower-level detail, you can readily drill down all the way to the posting level detail directly from your report output.

Integrated reports

Create advanced reports with integrated business information across financials, accounting, inventory, sales, purchasing, and payroll.

Business partner master record

Manage all information about customers, resellers, and suppliers, including e-mail addresses, profiles, sales reports, activities, and account balances.

Service contracts

Create a regular support or warranty contract for items or services sold to a customer. The contract maintains the start and end dates as well as specific contract terms, which could include guaranteed response or resolution times.

Inventory Control

Manage item master data, serial numbers, and price lists, as well as define alternative items, perform inventory increase or decrease adjustments, execute cycle counts, and generate pick lists for open sales orders. The software offers the following inventory control functionality.

Item master data

Define items while maintaining default information such as purchasing supplier, purchasing and selling unit of measure, and tax status for each item. You can maintain inventoried items in multiple warehouses with differing associated costs depending on location. e-School supports most common inventory valuation methods, weighted moving average, and FIFO methods.

Goods receipt and goods issue

Record goods receipts and issues that are not directly related to a sales or purchasing document.

Inventory transfer

Move inventory among warehouses.

Inventory revaluation

Reevaluate your item costs and inventory value without changing quantity levels.

Inventory posting

Enter opening balances for inventory items and update warehouse data.

Price list

Define a variety of price lists and link them to customers or suppliers. Quickly create dynamic links between price lists, which are updated automatically whenever the primary price list changes.

Special prices

Define special prices for individual customers or suppliers, quantity-specific prices pegged to order volume, and a validity period for each price.

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Payroll Processing

Salary & grade

This system ensures consistency in providing staff information regarding salary setup, grade/job title, additional duties and position. The salary can be generated according to the different branches. As being based on the cloud based system the software can generate the salary details as per the branch and can be viewed on every branch according to the rights.

Allowance/ deduction/benefits

Users can create allowance and deduction headings to support payroll activities. This system can create the allowance or deduction settings individually or designation-wise. Allowances can be managed according to the percentage and amount basis which may or may not be taxable and deducted in case of absenteeism and like fuel allowance based on the fuel rates.

Income tax

This system automatically imposes tax on individual or entities that varies with their income. It sets the tax rate as per the income and calculates the collectible amount after tax deduction. Taxation calculation and relief is based on the governmental rule.

Tax forecasting

System reflects all of the changes in tax system. Tax forecasting helps in future revenue analysis of institution. It provides accurate forecasts of tax revenue for the formulation of fiscal policy.

PF/CIT/Gratuity

Payroll modules calculate salary for staff after defining all the additions and deductions. It generates more comprehensive and accurate payroll result for each individual employee and can directly forward their PF & CIT to their respective bank account. System can easily manage gratuity fund as well.

Overtime Salary

This calculates the salary of the employees based on the additional working hours/ time than the regular office hours. This is calculated on the basis of the company rules.

Loan Module

This can be used to calculate the loan taken and to be paid by an employee based on the installments as per set.

Pay slip

System generates pay slip and enables payments to multiple bank accounts. You can generate all the reports related to payroll and pay slips with a single click and could be mailed and exported in excel workbook.

PF report generated is based on the instruction given by the Provident Fund Office.

Tax Reports

This module can be used to view the tax report of the given company or an employee.

Management

General Administration

School Administrative module allows you carry out all the administrative tasks which consume a lot of time and requires much attention and efforts.

Inquiry record

Administrative module keeps the record of inquiry from insiders or outsiders effortlessly without any paperwork.

Academic/ Event Calendars

Manage school all the yearly activities to the list and all this activities will appear in the Academic Calendar of the school.

Event management

Event Management module allows you to manage all the upcoming events/ activities that is coming up in the school very efficiently.

Organization structure

Admin can set the hierarchy within the organization. This organizational structure portal allows task allocation as per the departments, levels or hierarchy.

Report

Administrators can securely manage records of student/parents/staff and generate reports whenever required.

Notice

Admin can create notice, set category for notice and allow access to dependent user or group of users. Notice regarding holiday, exam session, class schedule, events can be sent from the system.

Guest & visitors

System keeps the record of guest and visitors of institution. Management need to informed at all times on every aspect of institution query.

User role & permission

Admin can define user roles with specific set of permission. User roles determines what they can and cannot do on the system due to defined set of permission.

HR Management

Employee Information

This system allows keeping its employee information such as personal details; addressing details, salary setup, date of joining /retirement details and many more.

Promotion and Transfer

This system allows tracking of its employee's promotion and transfer information accordingly. Promotion affects the salary to be seen in payroll.

Training management

A Training Management is a process that organizes training needs, schedules, training delivery, feedback and evaluation after the completion of training.

Performance appraisal

This system helps in performance review, performance evaluation, (career) development discussion, or employee appraisal by a method of the job performance of an employee which is documented and evaluated.

Leave and Absences

Leave & leave types

Attendance portal system sets leave and different types of leave that is either paid or unpaid by following staff attendance schedule. Annual leave, public holidays, sick leave and maternity leave can be set in the system.

Once the employee requests the leave the mail regarding the leave request is automatically sent to their respective HOD's.

Leave rule

Administrator can set provisions for leave as per the company's rule. Employer may grant leave of absence with or without pay to an unusual circumstance as well as the leave accumulation details can be set.

Holidays

Administrator can create multiple schedules for different events including a regular schedule, holiday schedule in attendance module.

Leave request & approval

Employee request for leave from the system. Administrators have full access to either can have the requested leave to be approved or unapproved.

Leave balance

Leave balance portal allows employee to apply for leave based on their leave balance and categories. Employee can see their past leave taken history and current remaining leave through leave balance portal.

Time and Attendance (Biometric Sync)

Biometric attendance module helps in automation of staff attendance enabling their time in and time out and tracking their office time activity.

Office time

It can help in tracking in and out time of employees; their total work duration and overtime calculation.

Official visit & late information

Administrator can set employee attendance for official visit and late information. Official visit or late information record can be generated in reports.

Present/absent report

System provides easy to use interface to enable organization to take and track daily attendance of employees in an organization.

Monthly attendance sheet/summary

Different types of attendance report can be auto generated. System generates monthly reports of the employees.

Device integration

Device Integration ensures that organizations can easily manage the entry and exits of their employees.

SMS

SMS module allows sending bulk SMS to staff right to their mobile phones from the system.

Contact and contact group

SMS can be sent to single or group of staff. e-School allows one particular message to be sent to all staff from the contact area with a single click.

Message template

You can easily prepare your own message template like a common notices or emergency alerts.

Import contacts

This helps you to import your contacts from excel directly to system without any hassle. Thus, you don't have to manually set each contact details every time.

SMS to staff

Bulk SMS can be sent from the system on notifying of the official events, holidays or any other notification.

Pay notifications

This application send automated SMS to staff their attendance, salary, allowances and deductions. Employee also gets SMS regarding their monthly pays they receive.

Mobile App

e-School is the complete MIS system integrated with Mobile Application. e-School Mobile App is now available for android version. User can easily download e-School (eschool.ezone. com.np) App from play store.

Parents login

Parents can easily track their children's attendance, assessment, report cards, fee payments, and receive messages directly to their mobile phone through e-School Mobile App. This school app narrows the communication gap prevailing between parents and teachers. Parents can communicate with teacher and school management regarding their child's performance through push notification at anytime from anywhere in the world.

Students login

With e-School mobile app, the information can now be instantly transferred to students mobile phone. Students are enabled to view and download their class assignment, lecture notes, syllabus, question bank from their mobile phone through e-School app. This mobile application lets direct communication with teachers and school administration for any school and administrative help. Students can have direct access to homework and remarks from teachers.

Teachers login

Teachers can manage attendance, grades, assignments, examinations and timetable efficiently through their mobile phone from anywhere and anytime. Teachers can ask for leave request, their monthly attendance sheet, payroll, PF report through own device. Through e-School mobile application teachers can make quick and effective communication with students, parents, staff and community.

Communication

e-School mobile app improves communication by providing an easy to use platform for the clear and timely sharing of information. Communication module helps institutions to strengthen parent-teacher communication and develop positive relationship with parents for real success of the institution. Communication features of this system allow students, parents and staff to communicate directly with one another or with the management by sending direct message.

Examination attendance

This feature allows keeping record of the students taking the exam. Reports about absent students can be generated. Provides parents with first-hand information about their child bunking the examination or genuinely taking a day off from school.

Notification

e-School Mobile App makes easy to get real time notification on your android phone. You can get notification and work with alerts via the app. Users don't have to be in app or using their device to receive them, they can get popup on their mobile device. Notifications can be targeted to segments of your user base, and even personalized for specific app users.

Architecture and Securities

Technology Used

- Windows Server 2012R2 /20008R2
- SQL Server 2014 /2008R2
- Internet Information Services (IIS)
- C#.NET
- ASP.NET
- ADO.NET
- Web Technologies
- HTML,CSS, AJAX
- SSL

Multiple levels of securities

Security

Businesses should use adequate computer security mainly because the threats from cyber criminals, hackers and identity theft are very real. Added to this, all businesses also have a responsibility to their staff and their customers to secure the data they use in the organisation. In fact, regulations such as the Data Protection Act require that personal data is secured and used appropriately.

Role Based Access

System provides role-based access control that regulates access to system control based on the roles of employees, customers and other stake holder within an institution. Admin can define role according to job competency, authority, and responsibility within the institute. It enables users to carry out the activities allowed by their role.

Three-tier Architecture

3-tier architecture uses the client/server computing model. This 3-Tier model makes it easier for institutes to continually evolve an application as new needs and opportunities arise. System has lots of modules and classes that perform a particular function. This allows new functionality to be added without necessarily having any effect on any existing components.

Encryption

Our system protects the value of the data and stores the data carefully. System encrypt message or information in such a way that only authorized parties can access it. Encryption is the most effective way to achieve data security.
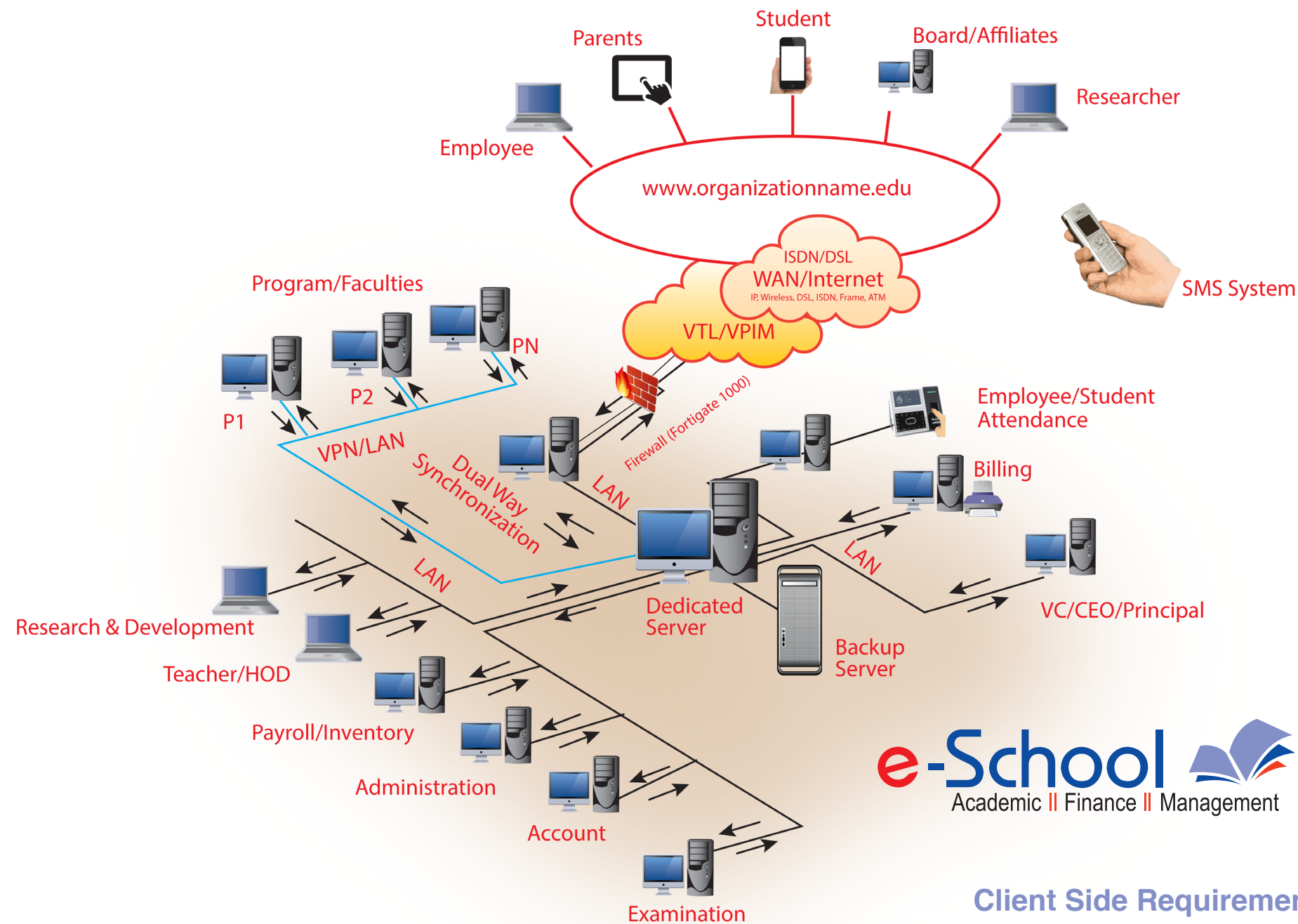
Software quality assurance

We ensure that our developed software meets and compiles with standardized quality specifications. We continuously monitor the software engineering processes and methods used to ensure quality. Software quality assurance assures the development of high-quality software. Our ERP performs in real time scenario in operational mode and is most useful for today's organizations.

Auto Backup

Our ERP provides automatic backup functions that allows the system to perform auto backup for different data types. You can make a reserve copy of any valuable data on the system manually or automatically. You will get a simple yet powerful backup solution for your institution in a networking environment or on a single machine where system backup your files automatically and keep them fully in sync.

Data Confidentiality

As a cloud vendor we assure that your data is secured all times. Our technical people do not get the accessibility in your database in any circumstances except you shared your password for support time or other any purpose. We request you to change your password after sharing with any person and remove all cookies if used other's devices. Being an ISO 9001:2008 certified company, we are committed to comply with the rules and regulations of national and international laws in terms of your data confidentiality and information protection rights. We do not reproduce or distribute your data to any one in any circumstances without your written consignment.

Parents
Student
Board/Affiliates
Researcher
Employee

www.organizationname.edu

ISDN/DSL
WAN/Internet
IP, Wireless, DSL, ISDN, Frame, ATM

VTL/VPIM

SMS System

Program/Faculties
PN
P2
P1
VPN/LAN
Dual Way Synchronization
Firewall (Fortigate 1000)
LAN
Employee/Student Attendance
Billing
LAN
Dedicated Server
Backup Server
VC/CEO/Principal
LAN
Research & Development
Teacher/HOD
Payroll/Inventory
Administration
Account
Examination

e-School
Academic ‖ Finance ‖ Management

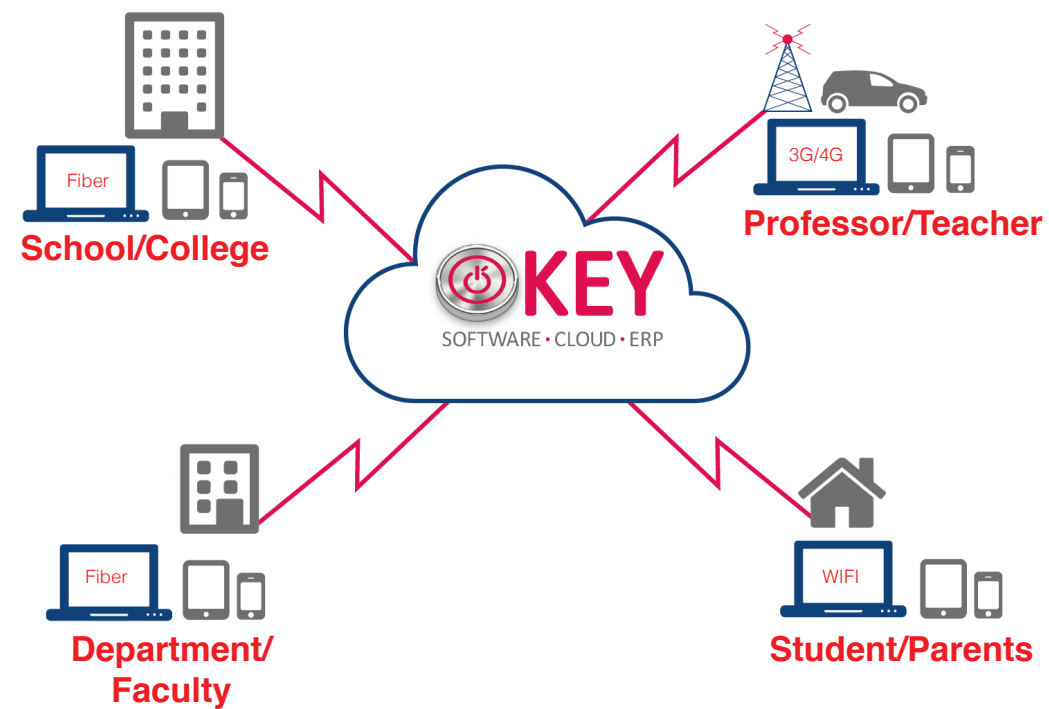## Client Side Requirements to Run e-Accounting System

Essentials for Cloud Version:
1. Dedicated Internet Access(minimum 512 kbps)
2. Dedicated Power Backup
3. Dedicated MIS officer
4. Dedicated Laser/Dot-matrix Printers (as per need)
5. Structured Networking Environment for Multiple Users.
6. Wi-Fi for laptop, pad and mobile.

Additional requirements for hosting at client's server:
1. Server Computer (Branded server only).
2. Public IP (for publicly accessing purpose).
3. Backup server (better if you can offer)
4. Firewall (best if you can offer)

e-School Benefits

Improved financial operations efficiency and productivity with a single, integrated system to handle all core processes for users anywhere in the world.

Timely financial close centralizing management of all period-end close activities to reduce time and resources spent investigating and resolving errors.

Ongoing compliance with revenue recognition, tax requirements and financial reporting in accordance with various accounting standards and government regulations.

Real-time visibility to see consolidated financial results for any part of the business at a summary level, and all the way down to the underlying transactional details.

Cloud Software (e-School)

School/College

Professor/Teacher

Fiber

3G/4G

**Department/
Faculty**

Fiber

Student/Parents

WIFI

KEY
SOFTWARE · CLOUD · ERP

e-School uses the Internet to access servers that are hosted remotely from your business. ... locally, but in the cloud; Accessing the system from anywhere makes it easy for a company to expand geographically since the Internet is everywhere and there is no need to implement hardware and software at multiple locations.

After sales activities

Deliverables

- GAP Analysis

- Work schedule

- Software Installation at private server or user creation at cloud

- Operation manual of the system

- Professional Training for technical persons.

- Provide obligatory Training for technical persons.

- Provide obligatory support services for one year after installation of the system.

- Completion report

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Trainings Plan

e-Zone follows the Train the Trainer (TTT) approach for imparting Product trainings. e-Zone will be responsible for higher level training at the site of implementation. Operation, management, error handling, systems and administration department representative are expected as trainee. The training will be at least cover the following area:

- Functionality available in the solution

- Database management technique

- Technique of generating various reports

- Development and deployment of new fields using the proposal solution

- System and Application Administration

- Operation and use of the system

Warranty

e-Zone will provide preventive maintenance and support for the system for 1 year (performance warranty period) from the date of agreement. Maintenance support includes rectification of any software failures, errors or shortcoming in report, unsatisfactory performance in terms of elapsed time for processing, excess resource consumption, etc. The cost of preventive maintenance and support during the warranty period will be included on the total cost of the system/software.

AMC Services

e-Zone will provide post warranty service along with the cost statement as Annual Maintenance Contract (AMC) after completion of warranty period at least for next 3 years. e-Zone will provide support to the users as and when necessary as per agreement. Annual Financial cost plan will be under mutual understanding and industrial practices for AMC.

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Exclusions

The following are excluded from the scope of the statement of work (SOW) of this proposal:

Back end Integration

Any Interface to client backend system running back office application is not part of the SOW of this proposal.

Software

All the software, networking, security and power protection items required for the project will be supplied by client

Local Area Network

If required IOE will be responsible for tying up with ISP to co-locate the solution. All Internet and networking components are outside the scope of this proposal.

Router & Internet Connectivity

Any communications equipment such as Router and setting up the physical connection required for connecting the solution to the Internet or WAN for customer to access the solutions are not part of SOW of this proposal.

Security, Backup and Disaster Recovery

Security, Backup and Disaster Recovery for the solution do not form part of this proposal and beyond the current scope of work.

Data Entry

Any new data entry to the proposed software is beyond the scope of this proposal. If such required would be estimated and charged separately.

Data Migration

Any data migration to the proposed software is beyond the scope of this proposal. If such required would be estimated and charged separately.

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We are aware!
Why do projects fail so often?

- Unrealistic or unarticulated project goals
- Inaccurate estimates of needed resources
- Badly defined system requirements
- Poor reporting of the project's status
- Unmanaged risks
- Poor communication among customers, developers, and users
- Use of immature technology
- Inability to handle the project's complexity
- Sloppy development practices
- Poor project management
- Stakeholder politics
- Commercial pressures

Ref:http://spectrum.ieee.org/computing/software/why-software-fails

Packages & Pricing for 2018

How we calculate cost?

When you request a quote, you will receive the standard cost for the e-School application along with the additional costs based on number of users, type of access required, professional services for implementation, maintenance fees and extra SaaS facilities. Investing in an integrated solution like e-School is essential for companies that want to grow while remaining profitable and competitive. Return on investment (ROI) is typically achieved within one to three years.

Available Modules

Core Modules:
- Student Information System (SIS)
- Student Billing
- Examination Management System (EMS)
- Employee Attendance (Biometric sync)
- SMS & Email Integration
- Mobile App
- General Reports

Premium Modules:
- All features of Core Modules
- Pre-admission & CRM
- Learning Management System (LMS)
- Financial Accounting
- Payroll & Inventory
- Library Management
- Web Portal (Teacher, Student and Parent)
- Custom Reports

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Cloud Price:

Affordable, easy adaptation, scalable and flexible, painless upgrades, auto backup, and connected every time.

Lite (Upto 250 Students)
- Core Modules: NRS 400/yr per student
- Premium Modules: NRS 1000/yr per student
- No of Employee : 30
- No of Users : 3
- Storage 200 GB

Standard (Upto 500 Students)
- Core Modules: NRS 300/yr per student
- Premium Modules: NRS 700/yr per student
- No of Employee : 60
- No of Users : 7
- Storage 300 GB

Professional (Upto 1000 Students)
- Core Modules: NRS 250/yr per student
- Premium Modules: NRS 500/yr per student
- No of Employee : 100
- No of Users : 15
- Storage 500 GB

Professional Plus (Upto 2000 students)
- Core Modules: NRS 200/yr per student
- Premium Modules: NRS 450/yr per student
- No of Employee : Unlimited
- No of Users : Unlimited
- Storage 1000 GB

Private Hosting Price

Private Hosting Price Automated workflow, improved efficiency, complete visibility, integrated information, customized reporting, and tailor-made security.

Hosting at Client's own server is taken as Enterprise Version. Enterprise version is Ideal for large or highly resourceful organizations or groups of institutions with multiple programs. The cost of Enterprise version hosting at client's server is given below.

Core modules: NRS 1000/- per student
Core + Premium modules: NRS 1500/-per student ◀ Initial Cost

Core modules: NRS 200/- per student
Core + Premium modules: NRS 300/-per student ◀ AMC

Note : The above price are exclusive of VAT & other applicable Taxes.

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About Us

Introduction

Founded in April 2003, e-Zone International is a premier IT organization driven towards providing the best of the technology era through solutions locally and globally. e-Zone offers its services to organizations in the public and private sectors in Nepal and preparing to explore its software worldwide.

We offer an array of integrated services that combine top-of-the-range technology with deep sector expertise and a strong command to educational institutions, public enterprises, government organizations and the private sector.

During the last 15 year, we have successfully implemented more than 500 projects for 300+ clients.

Our Values:

Honesty, Trust, Freedom, Innovation and Integrity are some values influence the way we meet client needs.

Quality Certification

e-Zone International Pvt. Ltd. is the first ISO 9001:2008 Certified Software Development and ICT Services Company of Nepal.

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Education Information Management System

University Grants Commission

Sanothimi, Bhaktapur, Nepal

Funded by: World Bank

Contract No: SHEP/UGC/S/QCBS-8

Education Information Management System

Tribhuvan University, Nepal

Kirtipur,Kathmandu, Nepal

Funded by: World Bank

Contract No: SHEP/TU/S/QCBS-3

Examination and Billing Management System

Higher Secondary Education Board (HSEB)

Sanothimi, Bhaktapur, Nepal

Entrance Exam Management System

Tribhuvan University

Institute of Engineering (IOE)

Pulchowk,Lalitpur Nepal

References:

Ministry of Education & Cambridge University GCE A Level
Budhanilakantha School
Kathmandu, Nepal
Modules: Student Information, Exam, Billing, Accounting, & Payroll
Ref: Rabin Shrestha, Chief Administrative Officer (CAO), Mob: 9851111347, Tel: 01-4374052

KMC Group
Kathmandu, Nepal
Ref: Surendra Subedi , Principal, Mob: 9851138595

Trinity Group
Kathmandu, Nepal

Tribhuvan University
Janamaitri Multiple Campus
Kuleshwor, Kathmandu, Nepal
Modules: Student Information, Exam, Billing, Accounting, Payroll, Library, Attendance and SMS
Ref: Bhisma Raj Poudel, MIS Officer, Mob: 9841559091, Tel 4277202/4286283

Purvanchal University
Kantipur City College
Putalisadak, Kathmandu, Nepal
Modules: Student Information, Exam, Billing, Accounting, Payroll, Library, Attendance and SMS
Ref: Pralhad Karki, Managing Director/Founder Principal, Mob: 9851040808

Pokhara University
Boston International College
Chitwan, Nepal
Modules: Student Information, Exam, Billing, Accounting, Payroll, Library, Attendance and SMS
Ref: Raju Lama, Executive Director, Mob: 9855059779

Central Board of Secondary Education (CBSE), India
Delhi Public School
Ghopa, Dharan, Nepal
Modules: Student Information, Exam, Billing, Accounting, Payroll, Attendance and SMS
Ref: Principal, Mob: 9819349542

Bangor University, UK
Softwarica College
Kathmandu, Nepal
Modules: Student Information & Billing
Ref: Binod Shrestha, Founder Director, Mob: 9851090646 Tel: 4441577/4425661

Government of Nepal/ Ministry of Education
Rosebud School
Buddhanagar, Kathmandu, Nepal
Modules: Student Information, Exam, Billing, Attendance and SMS
Ref: Principal, Tel: 4783003 / 4780923

Certificate of Registration

This certificate has been awarded to

e-Zone International P. Ltd.

New Baneshwor, Kathmandu, Nepal

in recognition of the organization's Quality Management System which complies with

ISO 9001:2008

The scope of activities covered by this certificate is defined below

Software Development and ICT Services

Certificate Number:	**Date of Issue: (Original)**	**Date of Issue:**
18169/A/0001/UK/En	07 September 2006	07 September 2015
Issue No:	**Expiry Date:**	
4	06 September 2018	

Issued by:

On behalf of the Schemes Manager

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Why e-Zone as partner?

- An ISO 9001:2015 Certified Company with 15+ years expertise.

- 300 plus satisfied clients all over the Nepal and World.

- Trusted by World Bank, UNDP and other International Development Agencies.

- More than 25 Projects of different ministries, departments and other institutions of Government of Nepal.

- Above five world class software products launched in Nepal where customer's satisfaction is great.

- We want to be global player in software segment, so, we care usability of our software product, respect customer's feedback when enhancing, pay attention on quality every day, be sincere on security every minute and think pressure for performance in micro-second.

Gartner : 75% of all ERP projects fail to meet their objectives

But We,

Hold the client's hand tightly during the first steps.

Minimise the implementation drama.

Communicate clearly.

Go above and beyond.

Appreciate the simple things in life.

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