



Opetus

Pervasive Education...

$2+4=6$
 $6:3=2$
 $3+7=$

To whom it may concern

Your a big girl
NOW
Our conversation
was short and
sweet
it nearly
ended in
tears
You made it there
somehow
You're a big girl
NOW.

NOTES

Testimonia

quisque ipsum dolor sit amet,
consectetur adipisicing elit. Curabitur egetas
Nunc nec lectus nunc
pellentesque du
semper accumsan

Aliquam
villam

Comments

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Write your story
here.
Hein Meissen

ABC
abc

5 BILL

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EDUCATION ERP FEATURES

Opetus is one of the products designed to work in an online / offline hybrid environment. The solution can work on intranet or can be hosted on cloud or private datacenter

The solution comprises of over 20 modules automating complete operations of any education institute. Functionally one of the most comprehensive ERPs which has evolved and matured over decades of implementation experience

Supports multi-company/location/year/currency resolving many of complex issues of multisite accounting and asset management. It can be configured for a centralized or distributed database architecture

Entire student life cycle management from prospect to alumni can be tracked and transacted. Enables educational institutes to record detailed demographics of every student activities

Supports entire spectrum of educational institutes such as Universities, Colleges, B-Schools, Schools, Residential Schools, and Coaching Classes etc... Opetus is flexible and works across all models of education like SSC / ICSE / CBSE / IB / Degree/diploma colleges (Arts/Science/Commerce/Engineering/Medical) etc...

Provides online / offline information to parents about wards attendance, results, performance which can be tracked and communicated via internet, mails, remote access, voice mails, conferencing etc... so a virtual open house always connects students, parents and teacher.

Eases administration since uniform and centralized scope of institution data is maintained across various functional modules easing auditing and ensuring optimum resource utilization. This cuts out lot of rework across various departments / locations due to islands of data and reduces workload through decentralized automation.

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EDUCATION ERP FEATURES

Standardized intuitive graphical user interface (GUI) ensures easy adaptability of automation across functional tiers

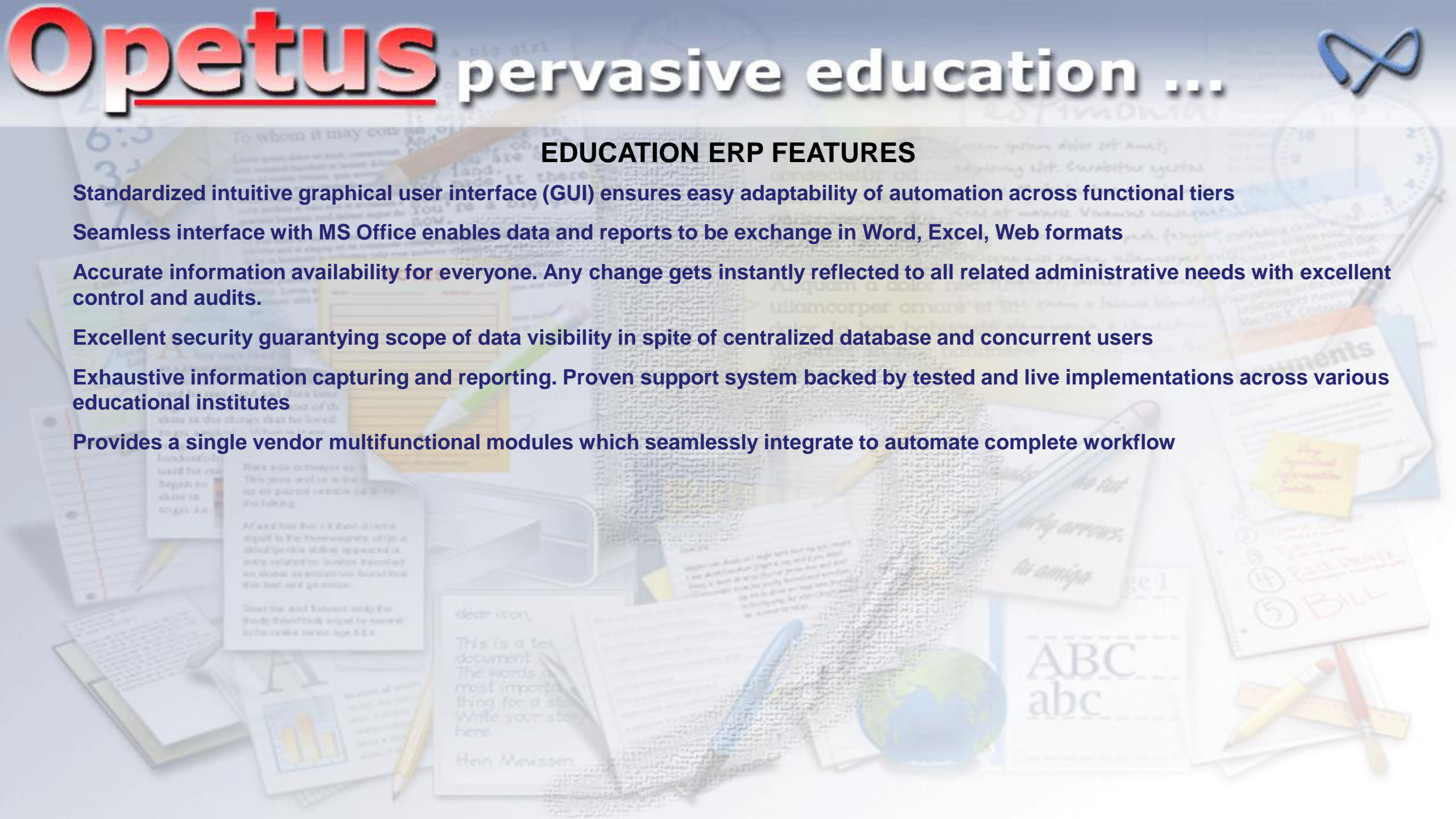
Seamless interface with MS Office enables data and reports to be exchange in Word, Excel, Web formats

Accurate information availability for everyone. Any change gets instantly reflected to all related administrative needs with excellent control and audits.

Excellent security guarantying scope of data visibility in spite of centralized database and concurrent users

Exhaustive information capturing and reporting. Proven support system backed by tested and live implementations across various educational institutes

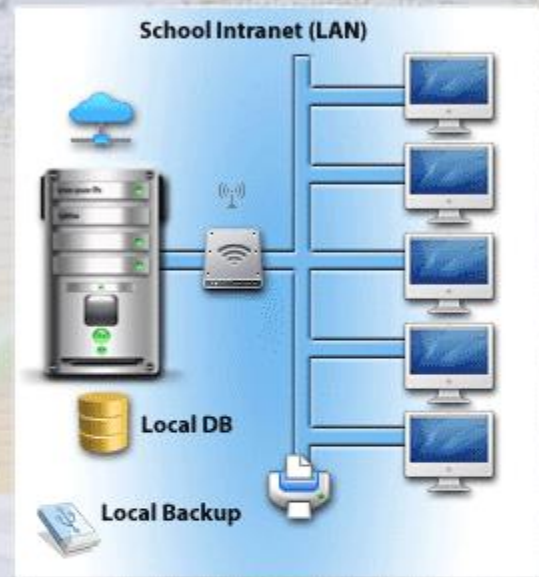
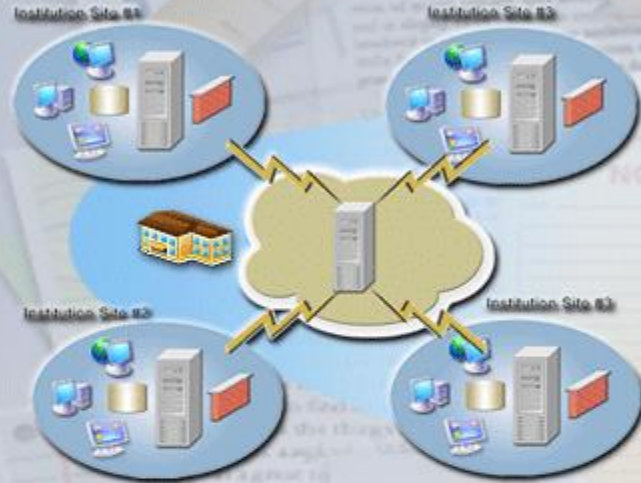
Provides a single vendor multifunctional modules which seamlessly integrate to automate complete workflow



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SUPPORTS MULTISITE AND E-GOVERNANCE



Application design and architecture supports online, offline, hybrid operations with rich, browser or mobile clients

Server supports web services for transactional database operations, large LOB data (streams), communication services like email (SMTP/POP), SMS, Chat and file sharing

Supports multiple hosting modes and multiple instances

Can be configured exclusively for specific operations or functionality. Ex: One instance for DB operations, another for web or communication

Automated / programmed scheduling engine for managing batch or event driven notification

Seamless store and forward mechanism support for data aggregation without replication. Can work offline and transfer incremental data via ftp, email or push online.

Central Database
Data Warehouse



Aggregator Agent

Lease / ADSL Line web service

FTP differential data

Email differential data



Ideal for large scale implementations like e-governance where resource available may vary from best to worst yet automation needs to be achieved.

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OPETUS SERVER ARCHITECTURE (ERP SERVER)



- Server web service stack WCF / Web API driven. Supports generic service interface for third party integration
- Tested exhaustively for high concurrent load and scalability operations
- Automated diagnostics, error logging and audit provision
- Multiple server functionality stitched for easy deployment and configuration
- Supports centralized or decentralized database for multi-site operations
- Highly secure, support wide variety of configurable security algorithms for over the wire security
- Can be configured with active directory for user management
- Support push and pull notifications for bulk emails, sms or messaging

H O S T I N G

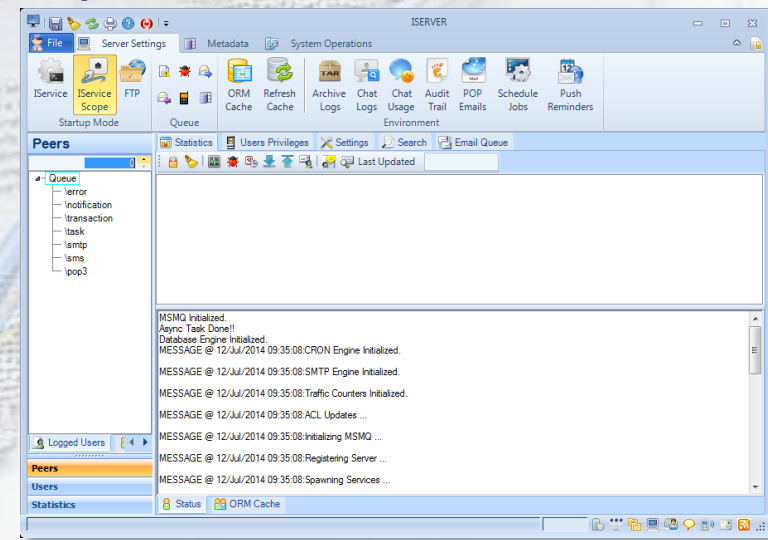
- User Operations
- Server Operations
- Search Operations
- File Operations
- DB Stream
- DB Read / Write

WCF PROTOCOL STACK

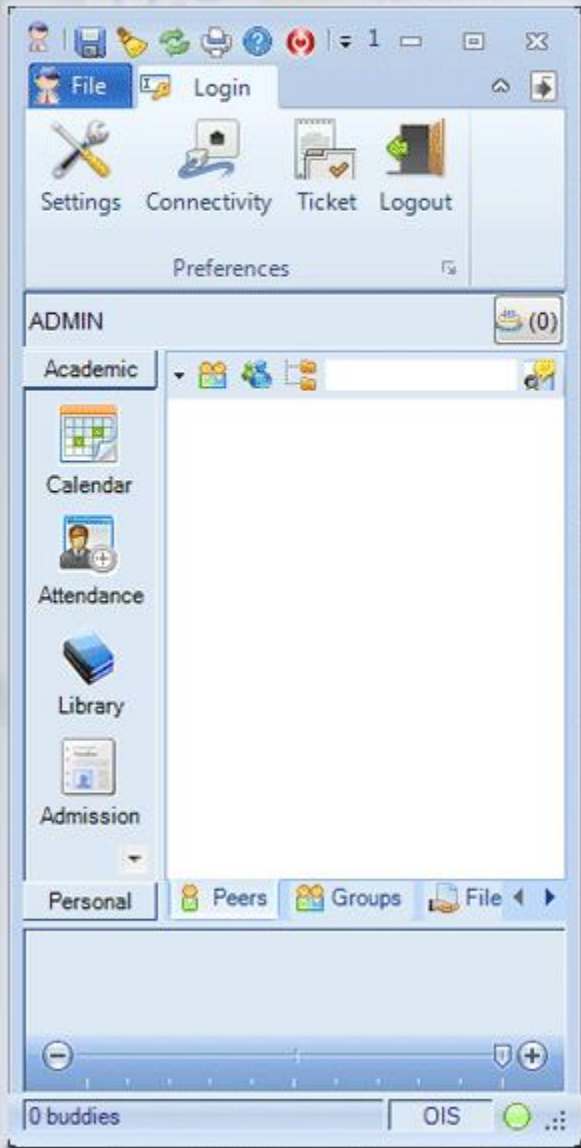
SECURITY STACK

- DAL
- BAL
- ORM
- CACHE / DB POOLING
- SMT
- POP
- SMS
- LOG / AUDIT ENGINE

M S M Q



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OPETUS INSTANT MESSENGER (ERP CLIENT)

Allows automatic public and private IP switching. This saves bandwidth as campus WiFi network is used to access server rather than traveling across web

Allows to configure user specific security and display options which restricts misuse of personal data in shared environment

Allows administrators to track or control individual user by fingerprinting user machine. This allows to track any abuse of freedom given to exchange content and moderate messaging

Rich web enabled ERP client guarantees performance and security over browser clients

UI changes as per role hence every stakeholder can accomplish daily tasks without switching to several software's

Allows admin to control bandwidth throttle and control messaging / file sharing traffic

Application design allows user to manage role specific tasks yet provides functionality like messaging, emails, SMS based communication, content sharing, document management and archival without intellectual property getting scattered across various heterogeneous software

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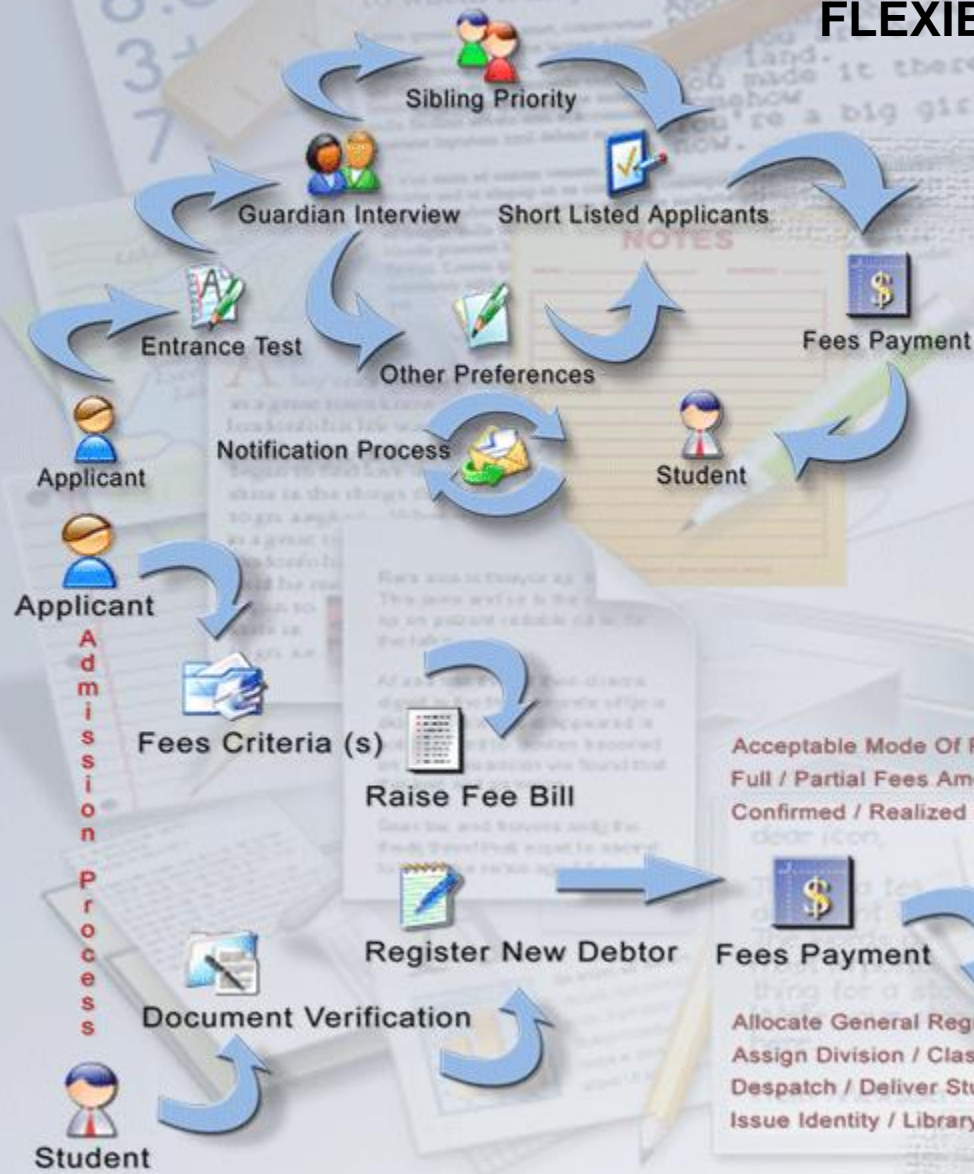
OPETUS MODULES AND ASSOCIATED BACKOFFICE SCENARIO



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FLEXIBLE ADMISSION WORKFLOW



Institute and stream/course specific dynamic online admission form generation

Admission process can be customized based on user specific criteria like academic merit, campus proximity, alumni/employee child, quota system etc...

Customizable stages of admission from release of advertisement, prospect enquiry, prospect tracking and follow-ups, prospect to applicant, merit list generation, applicant to student

Customizable criteria for merit list generation, aggregation of scores across various stages of admission such as academic merit filters, group discussion, personal interview, micro presentation, caste category and quotas, preferential admission etc...

Push based communication or online options for prospects and applicants linked real time with ERP data

Policy base generation of enrollment, general register, feebook, roll numbers etc.

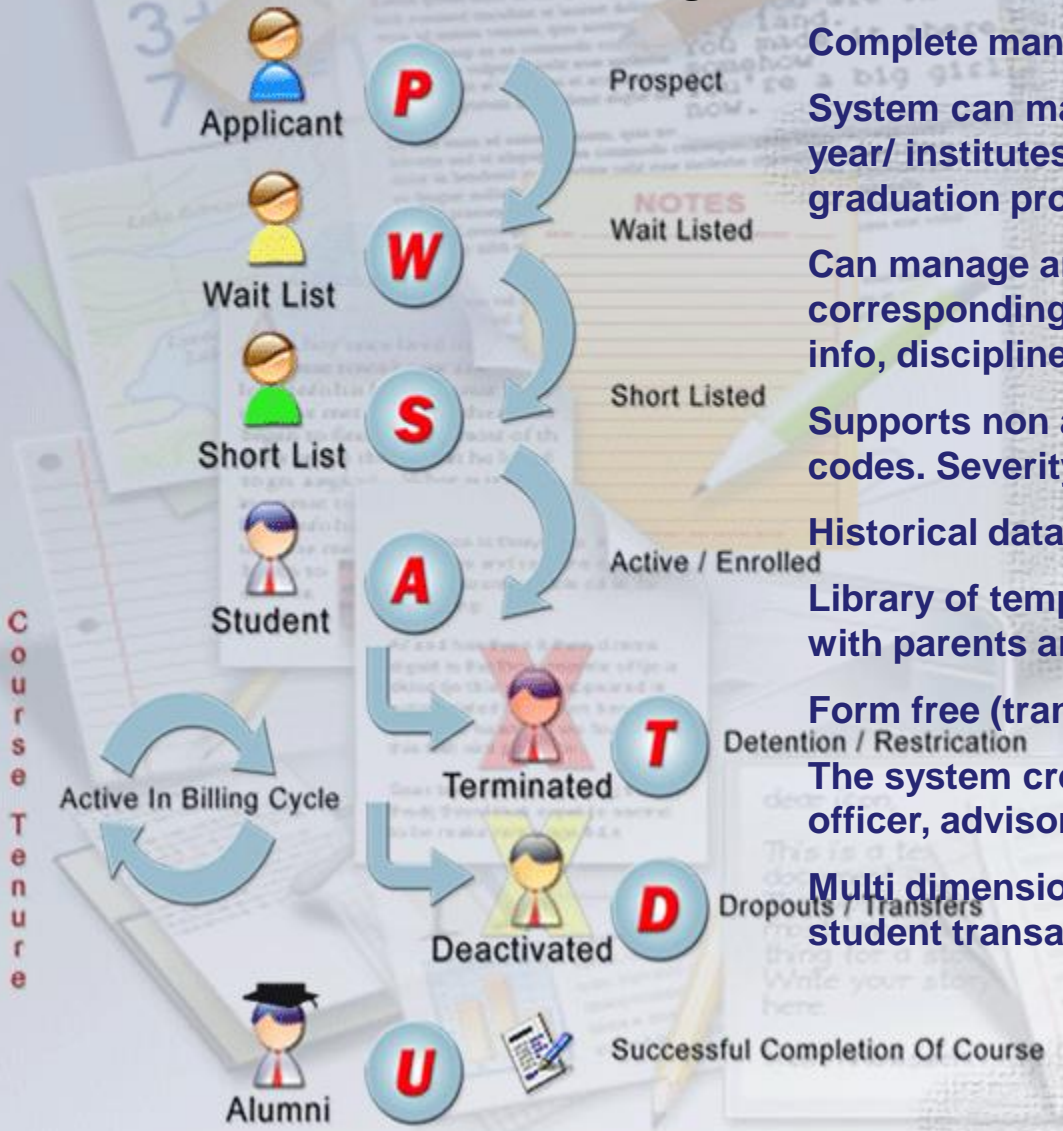
Every transaction for admission cycle such as cancellations, transfers, refunds, campus adjustments supported in module linked with accounting implications

- Acceptable Mode Of Payment
- Full / Partial Fees Amount
- Confirmed / Realized Payment
- Allocate General Registration Number
- Assign Division / Class / Roll Number
- Despatch / Deliver Study Material etc...
- Issue Identity / Library Card / Reader Tickets

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STATE ENTITY MODEL OF STUDENT LIFE CYCLE



Complete management of life cycle from prospect to applicant to student to alumni.

System can manage historical data across every state transition across academic/ account year/ institutes and locations. This help track transfers, stages of academic progress in graduation progress

Can manage any information related to students; analyze student population against corresponding information you define (e.g., attendance, grades, schedules, demographic info, discipline incidents)

Supports non academic assessment and behavior logs, user defined offense and action codes. Severity levels may be assigned to each offense.

Historical data provides discipline activity in chronological order.

Library of template based documents are supported for fast and effective communication with parents and much more

Form free (transaction specific) comments / remarks / narrations.

The system creates reports specific to your requirements by range of dates, discipline officer, advisor, range of severity, grade, and many others.

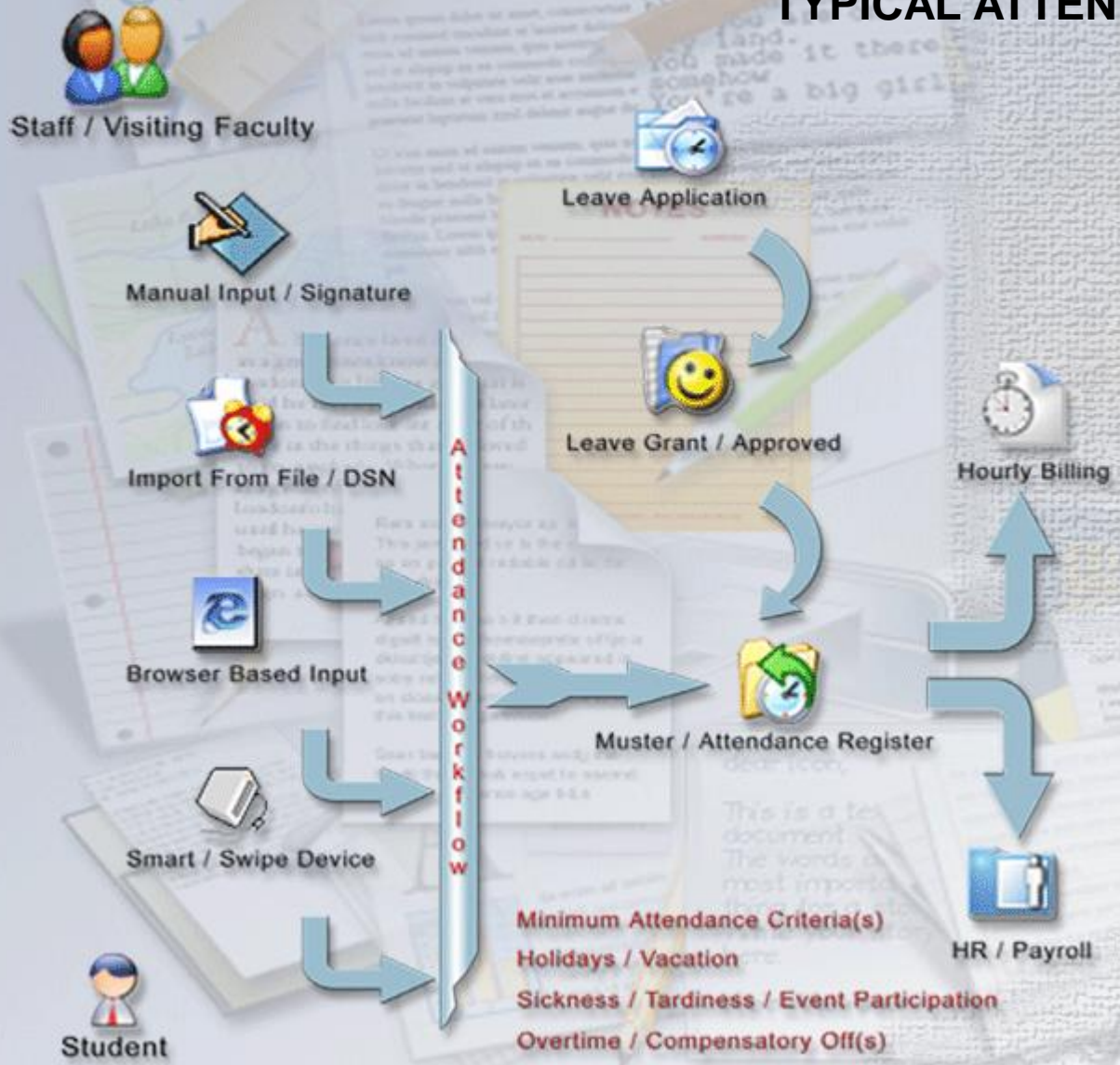
Multi dimensional queries, pivots and warehouse can be configured and supported on any student transaction

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TYPICAL ATTENDANCE WORKFLOW



Track daily and period/session attendance history

Easily automate attendance with bar codes, biometric or smart devices. Quickly log absent / tardy / dismissed students

Record reasons / comments with each attendance incident .

Input attendance either at a central office or remotely in each classroom.

Schedule automatic device reads and push abnormalities to concerned roles

Manage teacher absences and substitute teacher assignments

Update attendance from a single transaction for a class of students or for a single day or range of dates for field trips, etc...

Support for manual or automated attendance from any device

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ATTENDANCE TRACKING

Manage attendance daywise, monthwise, groupwise, sessionwise, subjectwise, facultywise

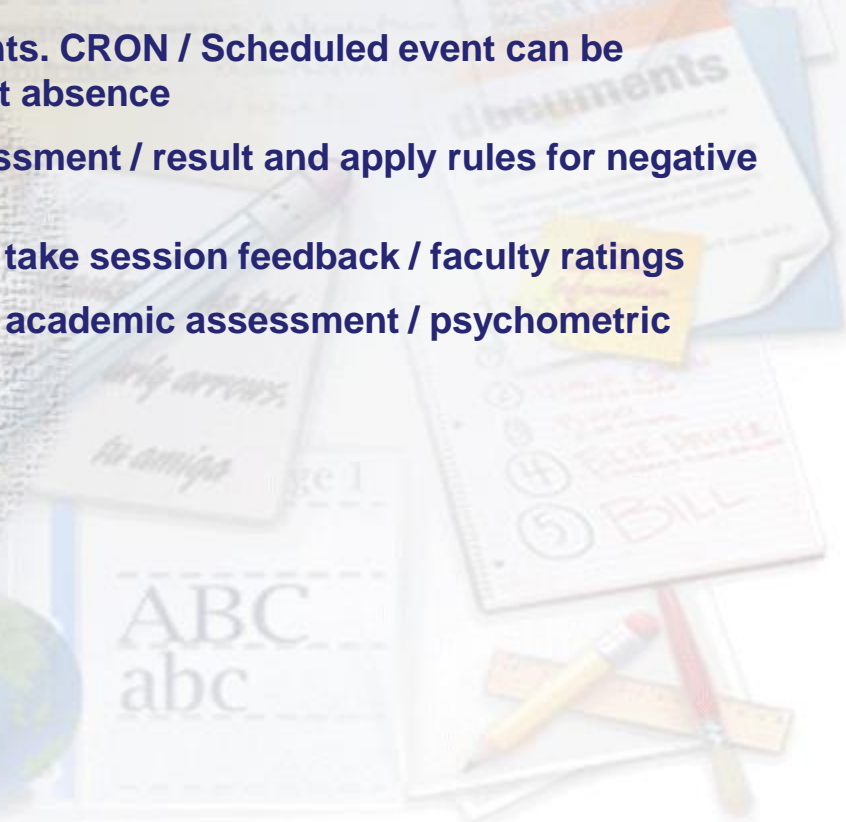
Supports absence, exemption, leave application mapping, approved absence, late arrivals, user definable tags

Notify real time status updates to parents. CRON / Scheduled event can be configured to push notify parents about absence

Supports linking of attendance to assessment / result and apply rules for negative credits

Can link attendance to lesson plan and take session feedback / faculty ratings

Supports behavior log tracking for non academic assessment / psychometric analysis / student counseling



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AUTOMATED ATTENDANCE TRACKING AND NOTIFICATION



Employee Reports To Institute

Registers Thumb Impression

Swipes / Punches ID Card

Manually Signs Muster

Identity Matched

Registers Time-In w.r.t Shift



Employee Leaves Institute

Registers Time-Out w.r.t Shift

Registers absence after tolerance period
Verifies absence against approved leaves (adjusts leave consumption accordingly)
Notifies absence for proxy or substitute employee
Archives attendance log into local database

Supports multiple shifts per employee and tracks dynamic changes of reporting time

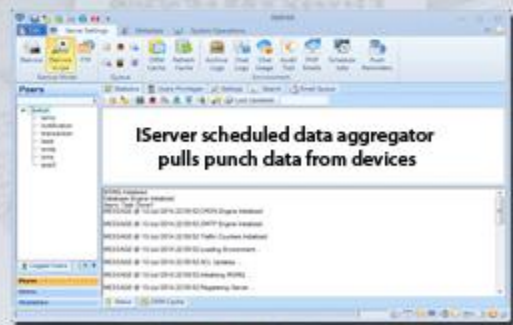
Leave management and online application supports approval cycle and setoffs

CRON jobs can be scheduled to read ARM devices at predefined intervals and notify absence

Punches recorded can be automatically pushed to centralized server for e-governance projects

Employee attendance linked with payroll hence most part of salary calculation and leave adjustments is automated

Holiday lists, personal leave balances and online application helps plan vacation and timetabling



Notify concerned

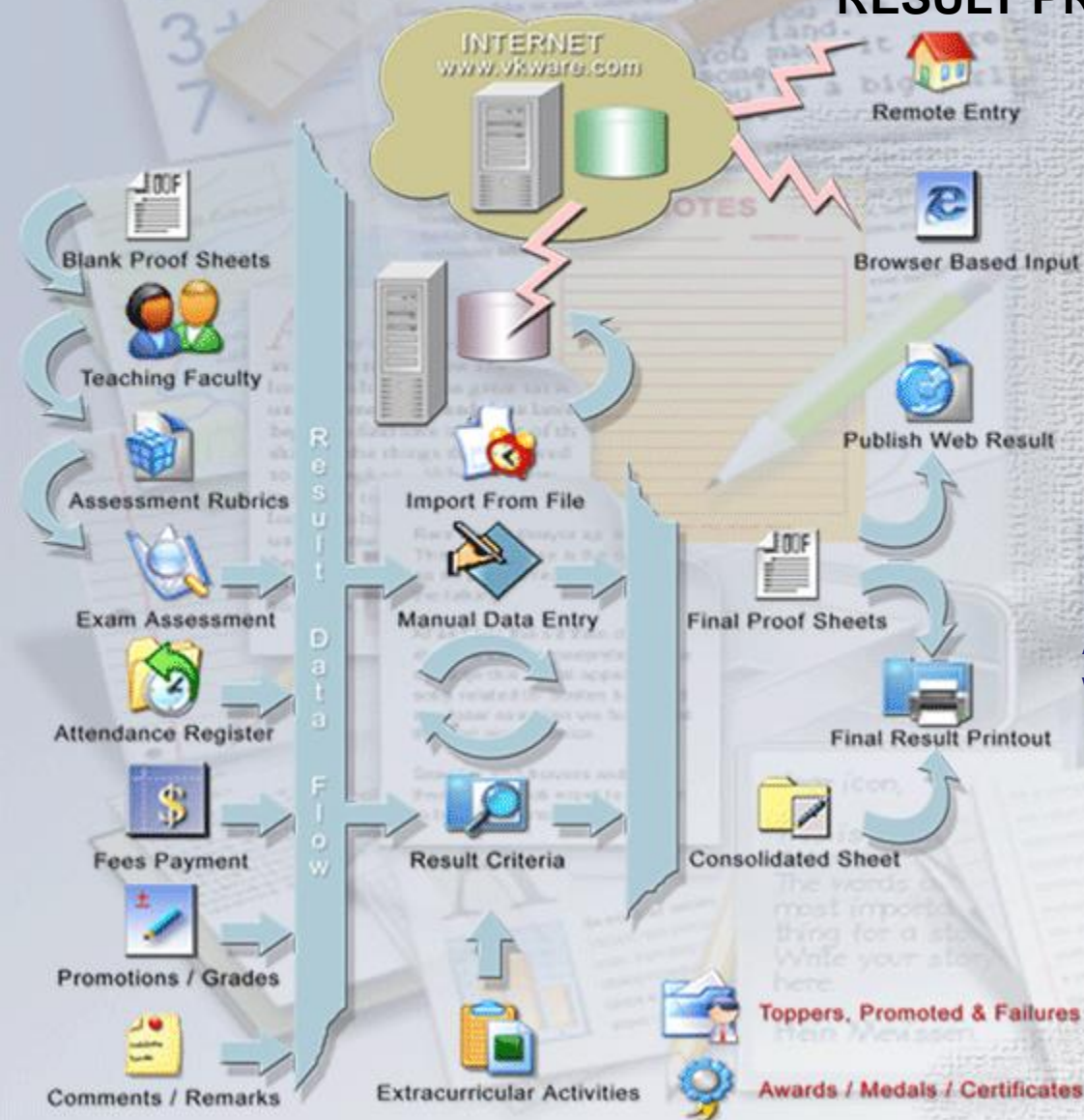


Remedial steps

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RESULT PROCESSING WORKFLOW



Rule based engine for assessment evaluation

Unlimited levels of hierarchical breakup of assessments

Can link projects / assignments / non academic assessments into main stream result evaluation

Support for integer / float based calculation with user definable round off

Can notify all stakeholders for pre / mid / post result notifications and collaboration

Support for barcode based answer sheets or data entry

Supports interface with third party / university web services to push / pull assessment data

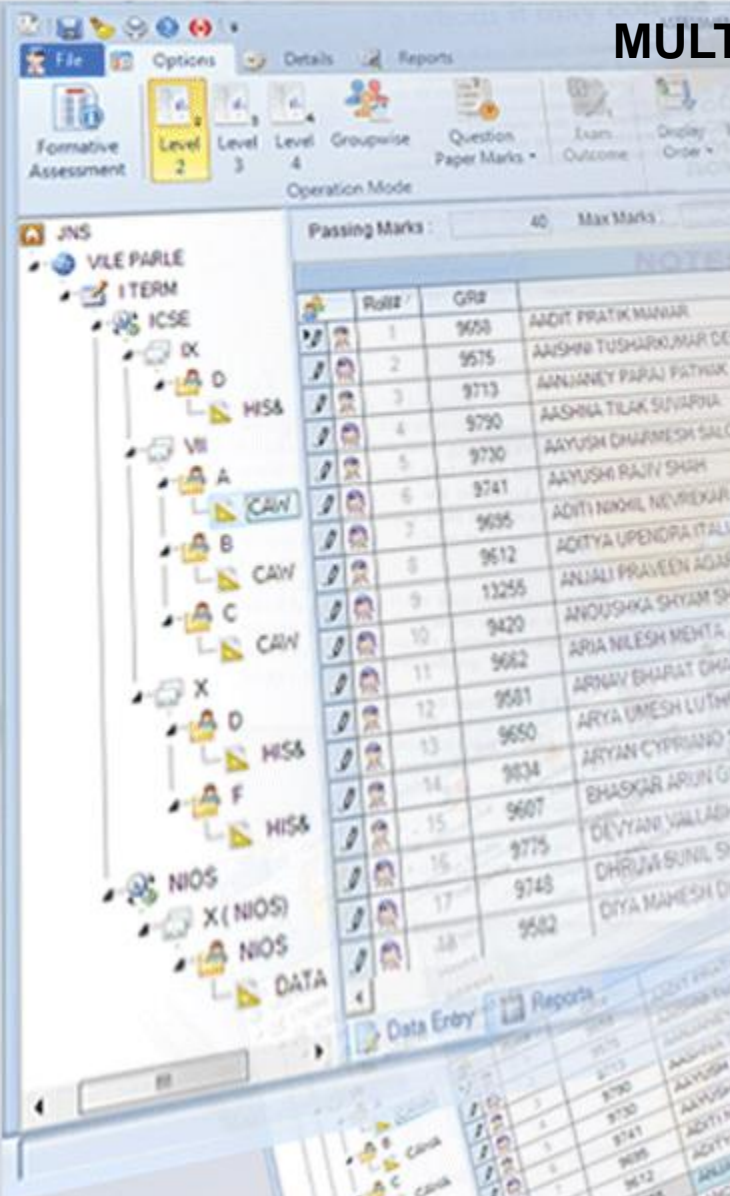
Allows to define and evaluate measurable levels of proficiency or rubrics while calculating result

Supports web publishing of results which can be student / class / division specific – general or personalized or bulk emailed to individual students

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MULTIPLE METHODS FOR ASSESSMENT DATA ENTRY



Provide simple marks / grade entry screens for teachers or admin staff

Supports manual input, direct import, or remote data entry of marks/grades for teachers

Support user definable result / ranking / grade criteria's for ranks, promotions, absence etc...

Allows numeric or letter grading data entry which can be easily converted back-and-forth for reporting

Template based / Personalized comments to each grade using free text or pre-defined comments / remarks

Easily calculate rankings, GPA, CGPA, credits and multiple honor rolls based upon criteria you define with / across course / division / subjects etc...

Customizable report cards / certificates / letters based on institute specific pre printed stationery. We facilitate design / customize pre printed stationery to enhance result declaration process

Optionally combine attendance, health details, event participation, sports, credit, rank and honor roll status on report cards and warnings

Has provision's for defining different criteria for result calculation involving standards, subjects, exam frequency / duration and various formats of result printing.

Generate transcripts, report cards, honor rolls, rankings, incompletes, failures, ineligibilities, and withdrawals

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TIME TABLE ENGINE – RESOURCE SCHEDULING

Previous Employment History / Merits Achieved

Proficiency / Experience In Teaching

Lecture Workload Per Day / Week

Minimum Lectures / Intervals

Miscellaneous Workload

Qualification / Skillset

Proxy Availability

Curriculum Content

Subjects Per Course / Class

Affinity / Hierarchy / Sequencing

Simple, Complex, Extra curricular

Lecture / Period Duration

Exam Weightage

Resource(s) Required

Course / Division / Subjects

Electives / Optional Subjects

Transport Mode / Route Adapted

Shift / Section / Batch / Year etc...

Type Of Room (Hall, Lab...)

Reservations (Prayer, Gym...)

Status (OK, Under repairs...)

Availability Time Range

Seating Capacity

Range Of Course

Model Of Education

Shifts / Section Timings

Affiliation Of Education Board

Intervals / Breaks / Holidays

HR Policy / Staff Strength

Frequency / Duration Of Periods

Programmes / Events

Subjects Sequencing As Per Affinity / Intervals

Teacher Availability / Skillset Matching Subject Complexity

Resource / Infrastructure Availability For Duration Of Subject Period



Supports exhaustive data capturing of scheduled resources and linked parameters

Scheduled entities, relationships and constraints dynamically linked as per student electives, faculty and infrastructure availability

Import and export of data and linked entities in XML formats for third party integration

Manual adjustments to resolve conflicts supported

Unplanned disruption and notification to concerned stake holders possible by email / SMS

Infrastructure scheduling of events, bookings and cancellations supported and linked with accounts

Proxy list for substitution as per skillset availability supported

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TIMETABLE / CALENDAR / SCHEDULES

Allows scheduling of staff, visiting faculty, student, infrastructure, processes and rules of institutes

Supports manual and automated time table generation with flexible range of parametric variations

Allows sequencing, merging, prioritizing, skipping of subject scheduled based on teacher skill set, availability, institute rules, infrastructure status etc...

Supports template based time table generation and a variety of patterns of scheduling options

Conflicts, unmatched combinations, unutilized / under utilized resources are highlighted

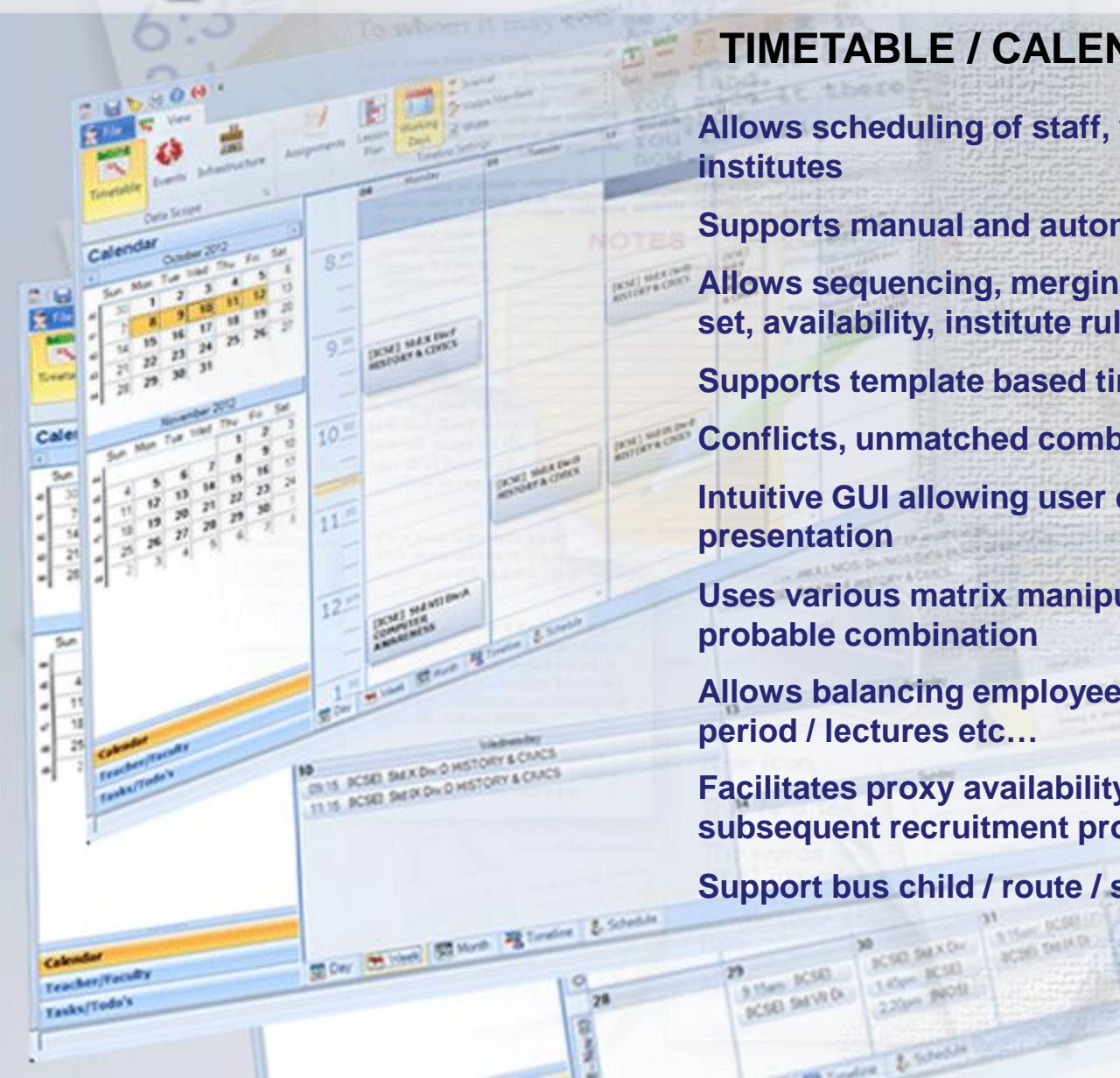
Intuitive GUI allowing user definable gamut of colors to highlight or facilitate information flow / presentation

Uses various matrix manipulation / genetic algorithms, brute force approach to arrive at most probable combination

Allows balancing employee work load by defining skill set, number, duration, frequency of period / lectures etc...

Facilitates proxy availability by highlighting skill set deficiency which can be solved by subsequent recruitment process

Support bus child / route / section timings for specific students or for entire batch



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FEES MODULE FEATURES

Invoices can be automatically split for multiple payments. The monthly payment coupon system is well received by parents and administrators.

Has a fully built in fee assessment and tracking system. Fees and tuition can be pre-defined or miscellaneous fees can be added at any point in time. Fee collection data can be exported and used in external programs and spreadsheets.

There are built in reports and graphs that show actual payment history, and projected revenue based on applied future fees and tuition.

Audit payment report offers the option to audit debits against credits.

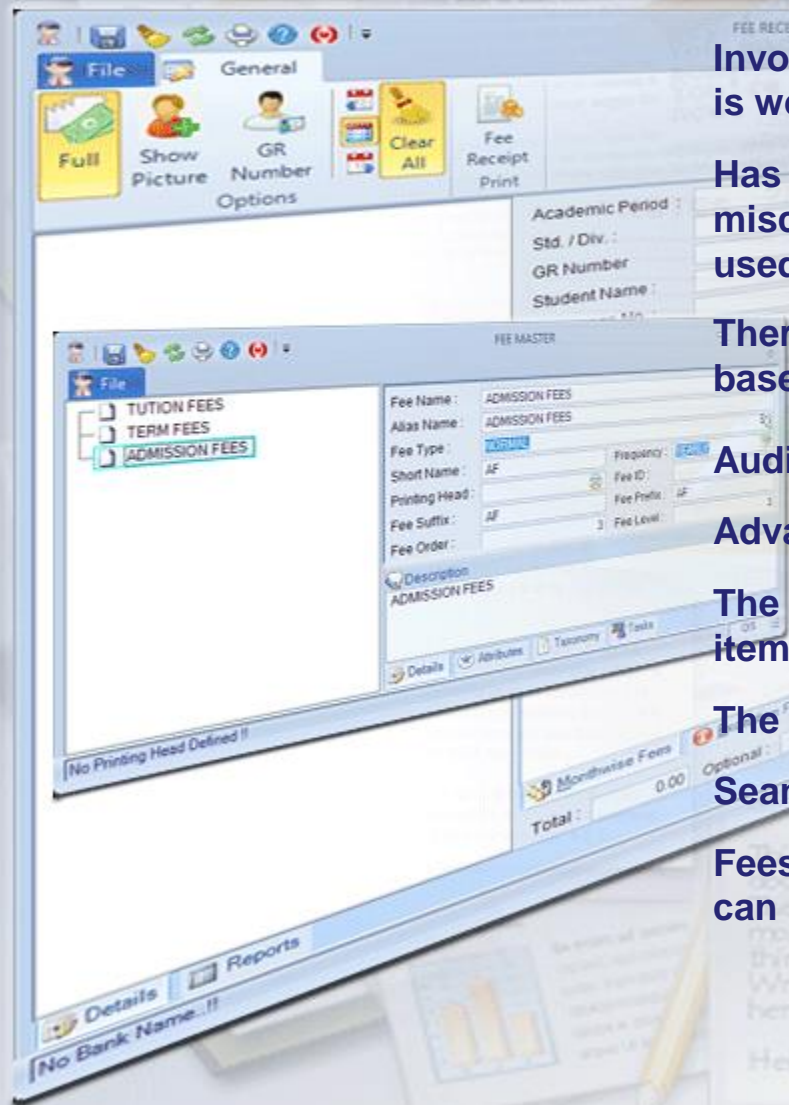
Advanced accounting aging system for greater control of your past due accounts.

The invoicing system accommodates interest charges, late fees, fines and includes detailed itemization and associated accounts.

The ability to report on batch activity in deposit or student sequence.

Seamlessly updates your balance sheets as per daily transactions providing real time accounting

Fees definition as per different standards / divisions, bus child, other miscellaneous collections can be defined supported by receipt printing in any customizable format.



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CRM MODULE FEATURES

Support for most possible methods of communication.

Supports Sync/Async bulk emails / SMS and mobile push notifications

Event based or periodic scheduled monitoring notification push messages and logging

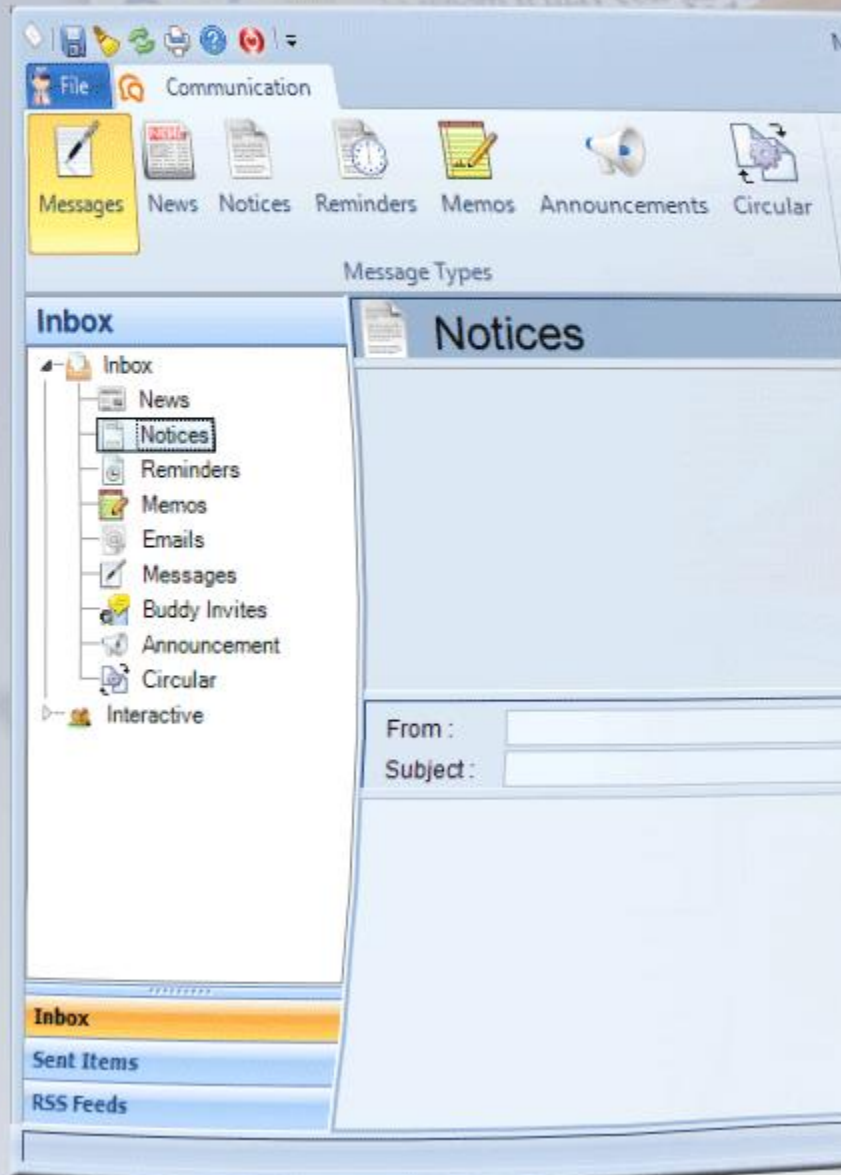
Linked with document management for indexing content or communication

Integration with project / event management if needed for tracking pre admission activity

Can manage every correspondence and transaction activities prior to sale/purchase, admission or student life cycle

Helps processing of bills of debtors / credits with the help of aging or vendor specific payment criteria

Supports shared/common SMTP / POP accounts across roles in Org Chart



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LIBRARY WORKFLOW



- Fully-integrated and intuitive user environment with online help tutorial
- Circulation and cataloging of books, videos, records, periodicals, etc.
- Support major formats of book / media classification / user definable taxonomy
- Barcoded/Rfid/biometric ID cards and book labels/tags
- User-defined stop words, keywords and circulation rules
- Automatic generation of user defined accession number
- Powerful media search abilities support simple / complex search by author, title, keywords etc...
- Barcode or manual entry for check-in, check out, and inventory management
- Support for web based OPAC, claims and recommendations from terminals in the library
- Automatic fine calculation, fine data updates / receipts and collection
- Automatic generation of notices, reminders and other documents
- Automatic notification of dues, claims, missing periodicals etc... by any mode of communication
- Inter-library searches and loans

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APPLICATION SERVER STACK

Serves as DB Request Server, P2P Hub, CMS Server, LMS Server, Chat Server, Email Server, SMS Server, Index Server

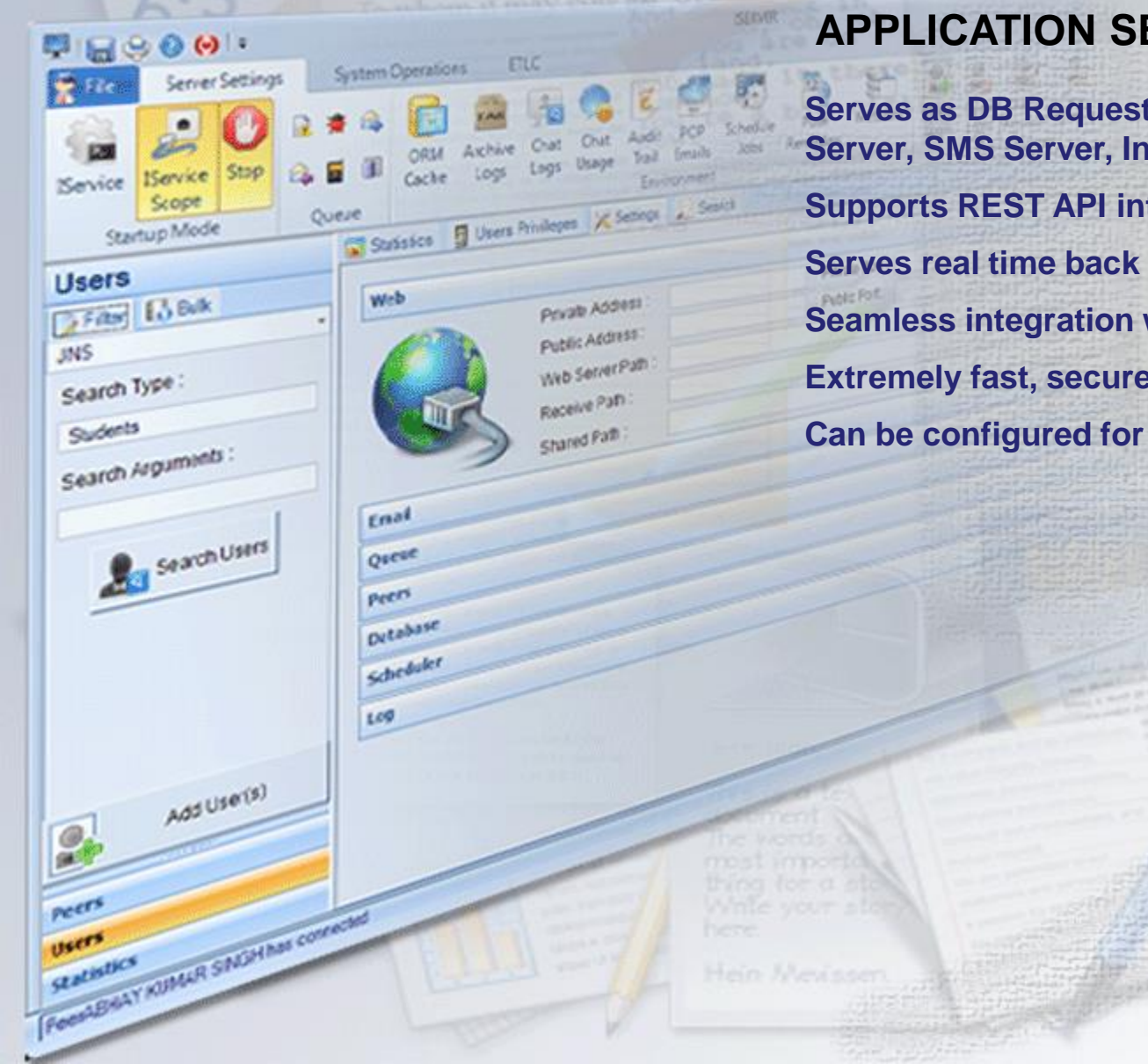
Supports REST API interface for third party integration

Serves real time back office data to institute web sites

Seamless integration with banks, payment gateways and third party services

Extremely fast, secure, easy to deploy and configure

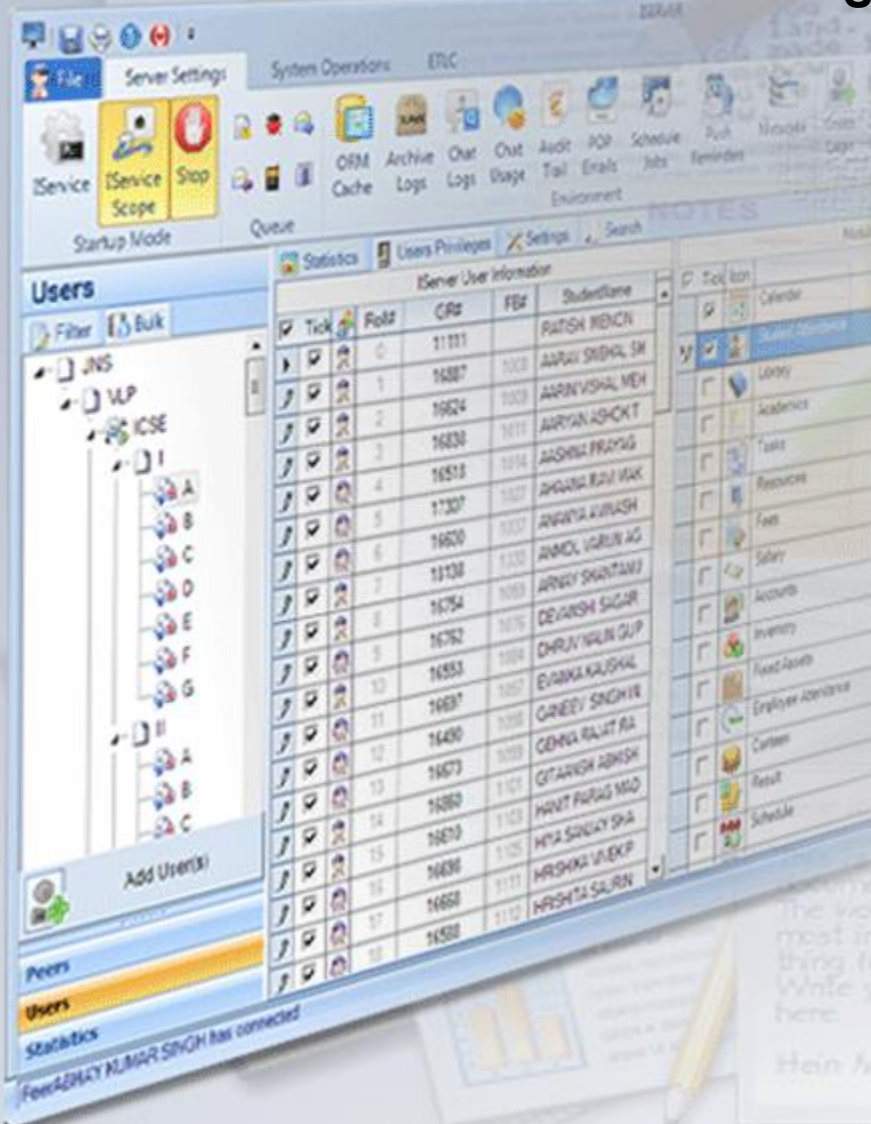
Can be configured for multiple instances with specific functionality



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USER GRANTS/ROLES/PRIVILEGES



Excellent security for centralized or distributed database configuration

Allows Admin to create application users, allocate grants, roles and privileges as per role / job profile

Reduces inter department work effort and enhances efficiency due to central scope of data cutting intermediate processes like Excel sheets to manage office workflow

Extremely fast and formatted printing saving costs and easily archival process

Enforces process, accountability and standardizes office workflow as every business process can be audited and monitored

Excellent support for MS Office allowing data exchange into Word, Excel, HTML, etc... formats

Exhaustive audits and tracking supported



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STUDENT PORTAL FEATURES

The screenshot shows the Opetus student portal interface. At the top, there are navigation tabs for 'View' and 'Setting'. Below these are icons for 'Profile Messages', 'Calendar Attendance Library', 'Result Tasks Resources Fees', and 'Personal Academic'. The main content area is divided into two sections for profile updates, each with options for address, phone number, email, and photo upload. To the right of these sections is a table with a 'Subject' column listing various subjects and documents.

Subject
STD 7 H M HINDI NOTES
MATH REV WORKSHEET STD 7.PDF;
STD7-HIST-MAKING OF OUR CONSTITUTION.
SCIENCE:FLOW OF HEAT
SCIENCE:REPRODUCTION IN PLANTS
PHYSICAL AND CHEMICAL CHANGES
SCIENCE : PHYSICAL AND CHEMICAL CHANGES
STD 7 GEOG - SOUTH AMERICA CASE STUDIES
STD 7 ENG LIT - ADOLPH

Access result online

Use cloud storage

Access teaching schedule / lesson plan

Feedback / Comment / Ratings

Update profile online

Monitor attendance / leave application

Search indexed archives

Collaborate / Share content, feeds, notes

Down/Upload assignments / worksheets

Pay fees online

Web OPAC / Claims / Access to ebooks

Online timetable / Event calender

Non academic assessment / behavior logs

Email / SMS notifications



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Opetus Web Portal

Admission Form

Admission For

Personal Details

First Name: PAWAN Middle Name: SUDHAKAR Last Name: PATEL
Mother's Name: SAVITA Gender: MALE Date Of Birth: 01-10-1990
Blood Group: A+ve Domicile: LOCAL Category:

ONLINE ADMISSION MODULE

Allows to track prospective candidate life cycle in all stages till he/she registers as a student
Accounts every effort and resource used / spent prior to course / curriculum commencement.

Customizable criteria for selection process at every stage of prospect

Makes the entire admission process transparent

Automated correspondence in popular modes of communication

Support for template based document management system

Allows to evaluate profitability or course worthiness after successful completion and helps enhance subsequent course repetitions

Integration with banks and online payment gateways

Opetus Web Portal

Admission Form

Admission For

Personal Details

Address Details

Guardian Details

Guardian Name: SUDHAKAR PATEL Relationship: FATHER
Residence No: 26396854 Mobile No: 9865324512 Email:
Educational Qualification: B.COM PAN No: SP2004000
Designation: SR. CLERK Occupation: ACCOUNTANT
Flat No: 3 Building Name: SINDHU
Street No: 11 Street Name: SV ROAD
Address: MUMBAI-400400
City / District: MUMBAI Pincode: 400400 State: MAHARASHTRA Country: INDIA

General Details Office Details

Father Mother

Preschool Details

SUBMIT CANCEL

Terms & Conditions Privacy & Policy Support Categories FAQ



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ONLINE ATTENDANCE

Attendance studentwise, subjectwise, facultywise, examwise

Direct calculation of honorarium for visiting faculty based on attendance

Black list generation and notification to parents / students

Analyze impact on result, grades, credits

Immediate notification can be broadcasted over several communication methods

The screenshot displays two overlapping web forms. The top form, titled "Attendance Details", includes a "Day and Month Attendance" section with a calendar view for October 2012. It shows "Today Attendance Status : Present" and a "Monthwise" calendar. The bottom form, titled "LEAVE APPLICATION", has a "Custom Attendance" section with "Start Date : 01-Oct-2012" and "End Date : 26-Oct-2012". It contains a table with the following data:

Information Type	Total
Present Count	22
Absent	4

The "LEAVE APPLICATION" form also includes "From Date : 13-Nov-2012" and "To Date : 20-Nov-2012", with the reason "GOING OUT OF TOWN FOR DIWALI VACATION". At the bottom, a green message states "Information saved successfully." and there are "Save" and "Cancel" buttons.

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WEB OPAC

Supports exhaustive OPAC allowing user to search books with various criteria's

Allows search across any catalogued digital content which is similar to academic 'Google'

Digital library can have event photographs, audio/video and other text based academic or reference content

Allows user to track circulation history

Online claims and instant notification to claimer upon return of books

Allows search across libraries of various institutes and locations

Access to user specific private folders and shared space

Allows access to third party COTS via web

The screenshot displays the Opetus WEB OPAC interface. At the top, there are navigation tabs for 'View' and 'Setting'. Below this is a user profile section for 'ANDREWS RICHARD' with icons for Profile, Messages, Calendar, Attendance, Library, Result, Tasks, Resources, and Fees. The main area is titled 'My Library' and features an alphabetical index (A-Z) and a table of books. The table has columns for 'Accession Number' and 'Book Barcode'. One row is highlighted with a yellow background, showing '545' and '1' for 'HINDUSTAN TIMES'. Below the table is a form for book details, including fields for 'Book Title' (HINDUSTAN TIMES), 'Sub-Title' (GANDHI BOOK C) YOGA VIDYA NK, 'Publisher', 'Accession #', 'ISBN #', 'Category', and 'FID'. The interface also includes a 'Support' link and a 'Privacy & Policy' link at the bottom.

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INSTITUTE SPECIFIC PRIVATE MESSAGING

The screenshot displays the Opetus Web Portal interface. At the top, there is a 'WEB PORTAL' header with a home icon. Below it, there are 'View' and 'Setting' buttons. A navigation bar includes icons for Profile, Messages, Calendar, Attendance, Library, Result, Tasks, Resources, and Fees. The main content area shows a list of messages with columns for 'Select', 'From', 'Subject', and 'Date'. The messages are from 'SARITA . SINGH' and 'MEENA . SALDHANA' regarding 'STD 7 - GEOG - FOUR REALMS OF THE EARTH'. A PDF attachment is visible. On the left, a sidebar menu lists 'INS', 'Calendar', 'Contacts', 'Inbox', 'News', 'Notices', 'Reminders', 'Memos', 'Emails', 'Messages', 'Buddy Invites', 'Announcement', and 'Notes'. At the bottom, there are links for 'Mail', 'Calendar', 'Contacts', and 'Notes', along with 'Terms & Conditions', 'Privacy & Policy', 'Support', 'Outposts', and 'FAQ'.

Replaces conventional notice and bulletin boards

Categorizes messages and delivers to scope specific audience

Allows bidirectional communication without any email accounts

Automatic generation of event specific notifications and reminders

Offline notification via SMS for faculty and class representatives

Allows secure exchange of text and files across peers

Supports online and offline communication

Seamless parent - teacher - student communication bridge

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CLOUD STORAGE FOR STUDENTS / FACULTY

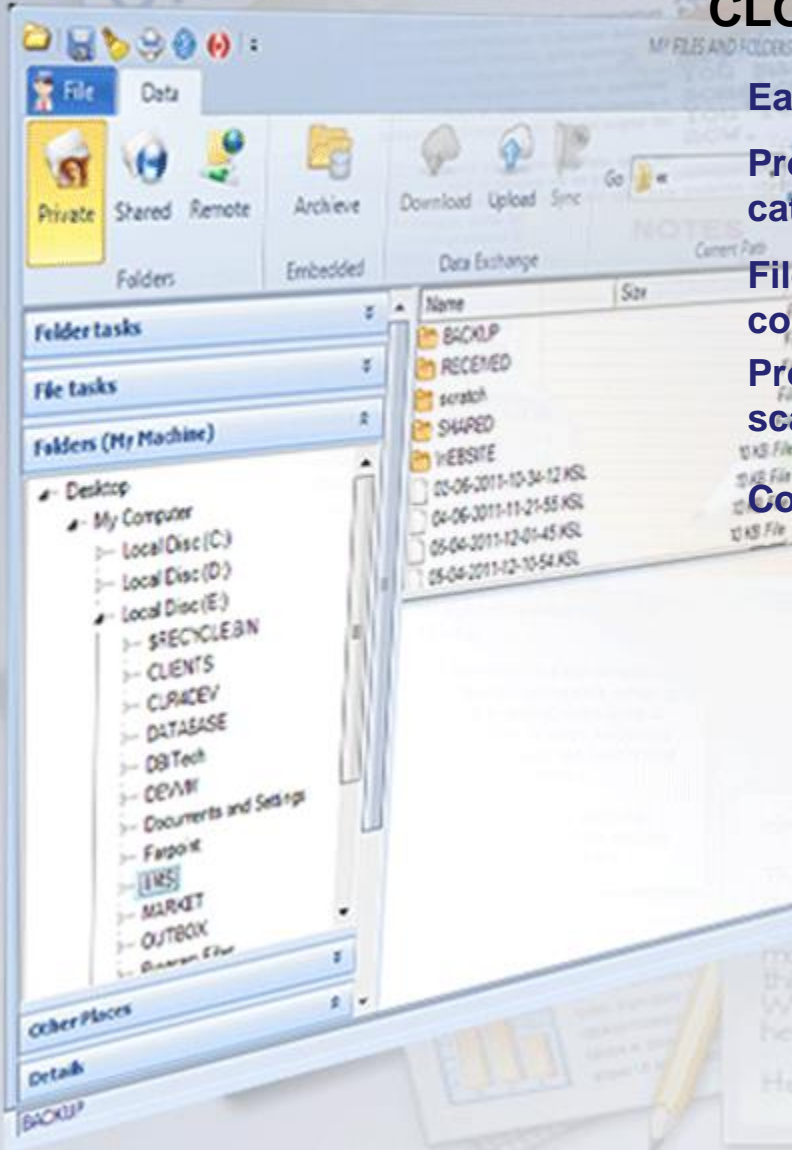
Each user has private, public and shared folders, defined quota and space

Projects, assignments, mark sheets, certificates and other content archived, indexed and catalogued

File sharing facilitates offline access to user data and synchronization of folders or academic content

Provides mechanism of archiving and digitization of back office data which is generally lost, scattered thus preventing loss of institute IP

Content download, archive and indexing from popular site like Youtube supported by Opetus



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ONLINE RESULT

Access to all current and historical evaluation records

Online application for revaluation / reassessment

Self evaluation with / across class / overall or subject specific

Linked to Opetus messaging allows access to peer views, tips and blogs / community forums

Provision for bulk mailing digitally signed report cards or transcripts

Provision to print QRCode on marksheet for instant verification of records

WEB PORTAL

View Setting

Profile Messages Calendar Attendance Library Result Tasks Resources Fees

Personal Academic

Exam Result

2012-2013
1ST TERM

Subject Name	Max Marks	Passing Marks	Marks	Grade
PHYSICAL EDUCATION (OPTIONALIST)	100	40	30	
Assessment Name	Max Marks	Passing Marks	Marks	Grade
20 (TEST)	20	8	8	
WRITEUP	80	32	22	
GEOGRAPHY	100	40	43	
PHYSICS	100	40	43	
CHEMISTRY	100	40	43	
BIOLOGY	100	40	43	
PHYSICAL EDUCATION	100	40	43	
HISTORY & CIVICS	100	40	43	

Result

Terms & Conditions Privacy & Policy Support Categories PG



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ONLINE SUBMISSION

Access to content, archived projects, question papers, journals, white papers.

Download, upload project work, assignments, submission, notes

Server manages revisions, overwrites and final states

Assessment of submissions, marks secured or rejection can be viewed online

Marks entry / assessment can be linked with assignment submission

Linked with mass communication such as Email / SMS / Mobile push notification

WEB PORTAL

View Setting

Profile Messages Calendar Attendance Library Result Tests Resources Fees

Personal Academic

Assignment Submission

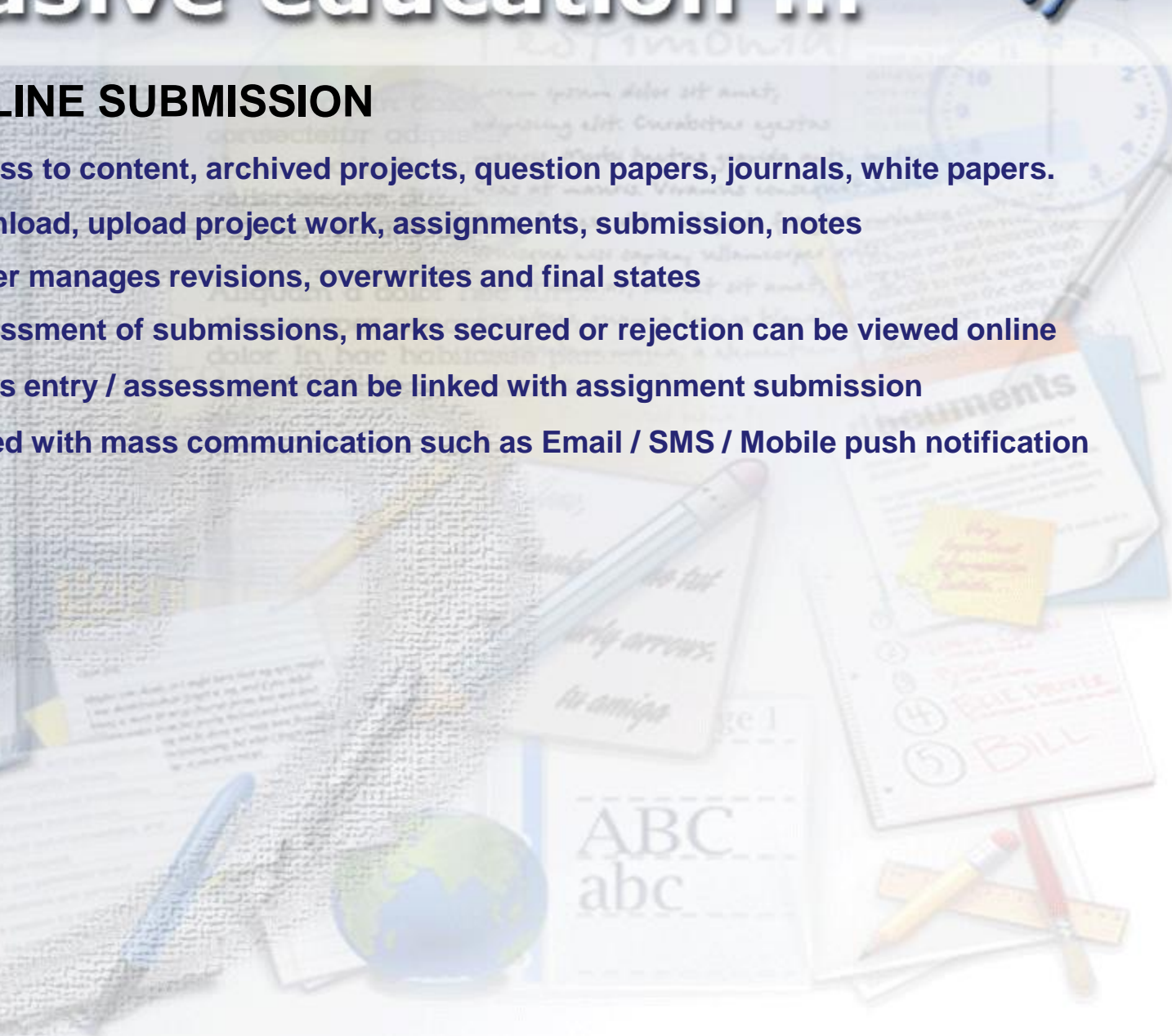
Assignment Type: DEMOCRACY

Uploaded Assignment	Download Assignment	Start Date	End Date	Assignment Mark
		26-10-2012 10:00:00	26-11-2012 10:00:00	
		26-10-2012 10:00:00	26-11-2012 10:00:00	
		26-10-2012 10:00:00	26-11-2012 10:00:00	

Assignment Uploaded successfully!

Save Cancel

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SYSTEM REQUIREMENTS (HARDWARE / SOFTWARE)

Server

- Minimum : Dual CPU Dual Core XEON server, 16 GB RAM, 512Gb HDD with RAID 5.
- Optimum : Dual CPU Hexa Core XEON server, 32 GB RAM, 1Tb HDD with RAID 5/10.

Minimum

Server Operating System : Windows 2008R2/2012 Server onwards
Database Server : SQL 2008 R2 Server onwards (Enterprise Edition)
Client : Windows XP / Windows 7

Optimum

Server Operating System : Windows 2012 Server onwards
Database Server : SQL 2012 Server onwards (Enterprise Edition)
Mail Server : Microsoft Exchange Or Equivalent

Client

- Minimum I3 based machine with 2Gb RAM and 100 GB HDD, 1Gbps NIC.
- Optimum I5 based machine with 4Gb RAM, 250Gb HDD, 1Gbps NIC.
- Client : Windows 7 64 bit onwards

Networking

Minimum Structured Cabling CAT6 onwards
Optimum CAT6 / 7 with 1Gbps switch
NIC At least 100 Mbps (client) and 4Gbps onwards (server)

Complete Implementation

- 1 Production Server
- 1 Development / backup Server
- 1 Web Server (with at least 2 public IP's)
- 1 Mail Server
- 1 8T / 16T NAS
- Backup device supporting atleast 1Tb



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ADDITIONAL REQUIREMENTS (HARDWARE)



Printer

Minimum Any EPSON compatible dot matrix / DeskJet / LaserJet printer
Optimum 132 Columns / 300 cps / 24 pin DMP or DeskJet Printer with 600 dpi



Barcode Support

Minimum Barcode Reader - CCD / Laser
Optimum Any devices supporting conventional bar-coding standards



Backup Device

Minimum Zip Drive (8Gb capacity onwards)
Optimum DVD writers / NAS device



ARM Support

Minimum Any RFID / Biometric Reader / Attendance Recording Machine
Optimum Biometric Fingerprint devices



UPS (Uninterrupted Power Supply)

Minimum Only for server with at least 20 Minutes backup time.
Optimum For all computers and network switches



Internet Access

Minimum At least a broadband
Optimum 10Mbps dedicated lease line

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IMPLEMENTATION METHODOLOGY



- Starts with legacy system study and mapping of business processes
- Study to find gap, expectations and wish list versus followed practices
- ETLC/Sanitation of legacy data, freezing COA and mapping Org Chart/Roles
- Deployment and configuration of network, environment and security
- Metadata customization, Legacy data migration, Master creation
- Enforcing security as per roles/privileges for data view and sharing
- Setting up of communication channels for information exchange and escalations
- Training and phased rollout
- UAT, verification of backups and scheduled processes

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