4.3.1 Library is automated using Integrated Library Management System (ILMS)

The **Library Management System** of the Faculty of Paramedical Sciences is an organized and systematic approach to managing library resources efficiently. It ensures that students, faculty members, and researchers have access to relevant academic materials, research papers, and digital resources that support learning, teaching, and research in the field of paramedical sciences.

Objectives of the Library Management System

1. **Efficient Cataloging and Classification**: Books, journals, and research papers are systematically categorized using international classification systems, making it easy to locate resources.
2. **Automated Circulation System**: The library employs a computerized system for issuing, returning, and tracking books to ensure transparency and efficiency.
3. **Digital and Online Access**: E-books, online journals, and research databases are accessible remotely to facilitate continuous learning.
4. **User-Friendly Experience**: The system is designed to be user-friendly, allowing students and faculty to search for books, check availability, and reserve materials online.
5. **Resource Security and Management**: Anti-theft mechanisms such as RFID (Radio Frequency Identification) tags and surveillance systems ensure the safety of library materials.

Components of the Library Management System

1. **Library Database**: A centralized database maintains records of all books, journals, periodicals, digital resources, and members of the library.
2. **Book Circulation Management**: The system records book issues, due dates, renewals, and overdue fines, ensuring smooth book circulation.
3. **Digital Library and E-Resources**: Access to online medical journals, research papers, and e-books provides additional support to paramedical students and researchers.
4. **Membership Management**: Students, faculty, and staff are registered and issued unique library IDs for easy tracking of borrowed materials.
5. **Search and Retrieval System**: An advanced search system using keywords, author names, and subject filters enables users to locate books and resources quickly.
6. **Reporting and Analytics**: The system generates reports on book usage, demand trends, and overdue books, helping in efficient decision-making.

Technology Used in the Library Management System

- **Integrated Library Management Software (ILMS)**: Software such as Koha or Evergreen is used for managing library functions.
- **RFID and Barcode System**: Helps in easy tracking and security of books.
- **Cloud-Based Storage**: Ensures data security and remote accessibility of digital resources.



- **OPAC (Online Public Access Catalog)**: Provides an online interface for users to search and request books.

User Benefits

- **Quick Access to Books and Journals**: Automated search and issue systems save time.
- **Remote Learning Support**: Digital access to resources aids in research and coursework.
- **Reduced Manual Work**: Automated processes reduce the workload of librarians and enhance efficiency.
- **Enhanced Security**: RFID and surveillance prevent unauthorized book removal and loss.

In conclusion, the Library Management System of the Faculty of Paramedical Sciences ensures a seamless, technology-driven, and user-friendly experience for students, faculty, and researchers. It supports academic excellence by providing well-organized, accessible, and secure resources essential for paramedical education and research.

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NUIX
TECHNOLOGIES

Proposal

eLearnGateway

A University ERP Software

Bareilly International University

Prepared By : Sharad Srivastava

Doc Ver : 1.0 Dated : 27 Feb. 23



Date : 27/02/2023
Ref No: 005/22-23

To,

The Chancellor
Bareilly International University
Bareilly

Sir,

We feel immensely pleasured for the opportunity given to us to present ourselves for the development of University ERP software (UERP).

Attached with are 1st Copy of some suggested key points for the software (UERP)

Any other requirements can be discussed amicably with will be incorporated into with our suggested points in the same cost.

Looking forward to serving your prestigious organization.

For Nuix Technologies Pvt. Ltd.

Sharad Srivastava

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SIS (Student Information System)

Student information systems (SIS) store and track all student information, including grades, attendance records, and more. The software functions as a digital drop box for school-related information. SIS software has become a vital tool for both educational institutions as well as parents and students, who use it to gain access to student information, make payments, and communicate with school functionaries.

SIS are used by teachers, students, and parents to access all relevant information pertaining to a student's schooling. SIS software is leveraged for a few different functions; the main two being as a channel of communication and as a place to store student information.

SIS Benefits / Features:

There are a variety of benefits associated with our student information systems for parents and students as well as educational institutions and their staff. We provide channels for communication between school officials and students, act as a singular source of student-related information, streamline billing processes, and more. Some key features of our SIS are...

Information management — This is the primary feature of the our software; an SIS houses everything from medical records to addresses.

Reporting — This feature allows users to manipulate the information housed in the solution and generate reports.

Admissions management — This feature manages the entire admissions process in your SIS, from application to tours to acceptance and tuition payment.

Billing and payment — We provide student billing functionality through the application as well as allow them to pay their bills via the system.

Student information management — With our SIS, teachers and administrators can manage all student-related information, including medical history, emergency contacts, attendance, and grades.

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Student portal — Students use the portals to track their own performance, including attendance and grades. The portal also acts as an open channel of communication, which students can use to communicate with their teachers.

Parent portal — Our SIS includes parent portals, which parents can use to track their kids progress, attendance, and behaviour. Parents can also use the portal to maintain communication with the administration as well as with their children's teachers.

Registration and scheduling — Our SIS has course registration and scheduling features built in, so students can sign up for courses via the application.

Gradebooks— Teachers can keep a comprehensive gradebook for all their students and manage all grade-related activity.

Easy scheduling of examinations — Scheduling of examination dates can be easily handled by our SIS. It correlates all details such as availability of teachers and completion of book syllabus fixed for the term before announcing the examination dates. Details about records of all written examinations, appraisals on the papers, marks or grades offered, and educational headway made by the students can be recorded for easy retrieval.

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LMS (Learning Management System)

Online Course Material : Learning management systems (LMSs) are platforms designed to help instructors manage educational coursework online. They provide educators with a single platform for making course material accessible online, including lesson content, assignments, and assessments. LMSs are used to help streamline the delivery of online learning for educational institutions, allowing for a more connected and accessible educational experience for students.

An LMS enables instructors to build digital courses that include various types of content, such as syllabi, lectures, multimedia files, and readings, as well as distribute assignments to students.

Online assessment functionality, such as quizzes and tests. Communication features enable instructors to communicate with students and parents via direct messages, mobile notifications, and discussion forums.

Some key features of LMS:

- Provide a platform for educators to deliver online course content to students.
- Distribute assignments to students and allow instructors to grade student work.
- Administer digital assessments to students.
- Facilitate individualized feedback on student work, such as through written comments or grading rubrics.
- Generate performance dashboards for tracking student progress.
- Contain gradebook functionality.
- Webinar Integration.

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Library Management System

- Purchases, Accessioning and payment of books
- Unique serial number identification through RFID library
- Unique serial number serial identification of books
- Barcode
- Stock verification
- Circulation
- Reservation and claims
- Catalogue
- Overdue and recall notices
- Clearance and fine
- Notices and reminders
- Book bank

Controller of Examination System

- Hall Tickets
- Exam Scheduling
- Attendance
- Re-valuation
- Proctored online examination.

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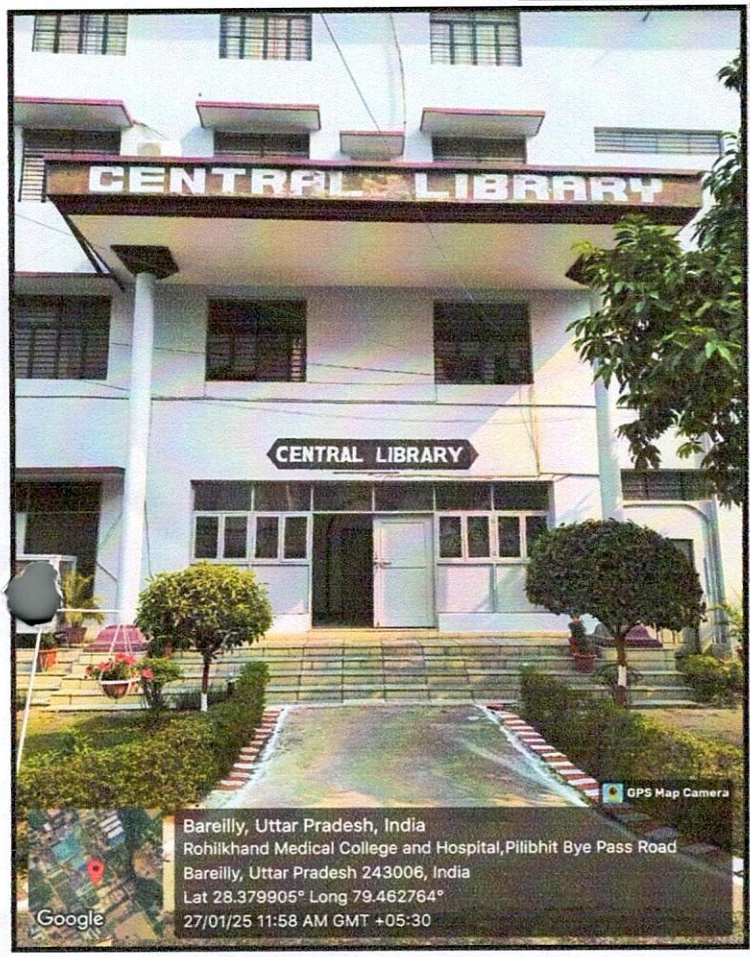
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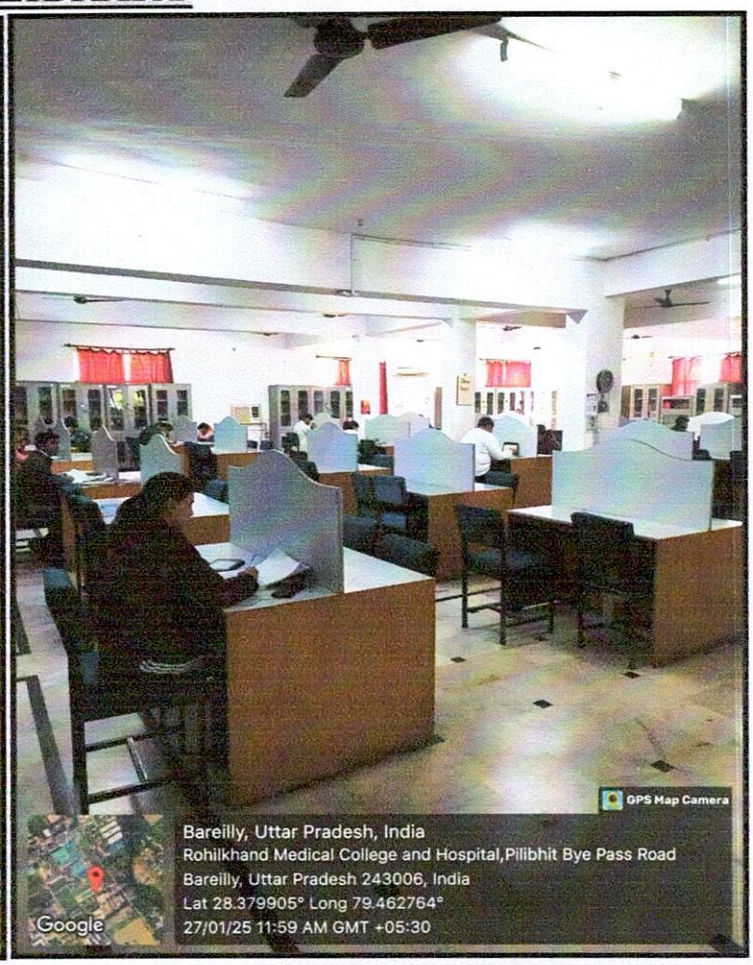
University ERP Development Ver: 1.0	
Project Name	**eLearnGateWay**
Time required for development and deployment	**9 – 10 months**
Mode of development	**Module wise Priority as decided by Management**
Cloud uses charges (AWS / Azure)	**Billed directly to customer (Cost as per Usage)**
Licence's structure	**Unlimited students' enrolment for 1st Three years**
Cost for the project	**14 Lacs + Applicable taxes (18%)**
Support	**6 Months From Go Live**
AMC	**25% + Applicable Taxes (18%)**
Payment Terms	1. 25 % along with the order 2. 20 % after 90 days from order date 3. 20 % after 180 days from order date 4. 20 % after 270 days from order date 5. 15 % on go live

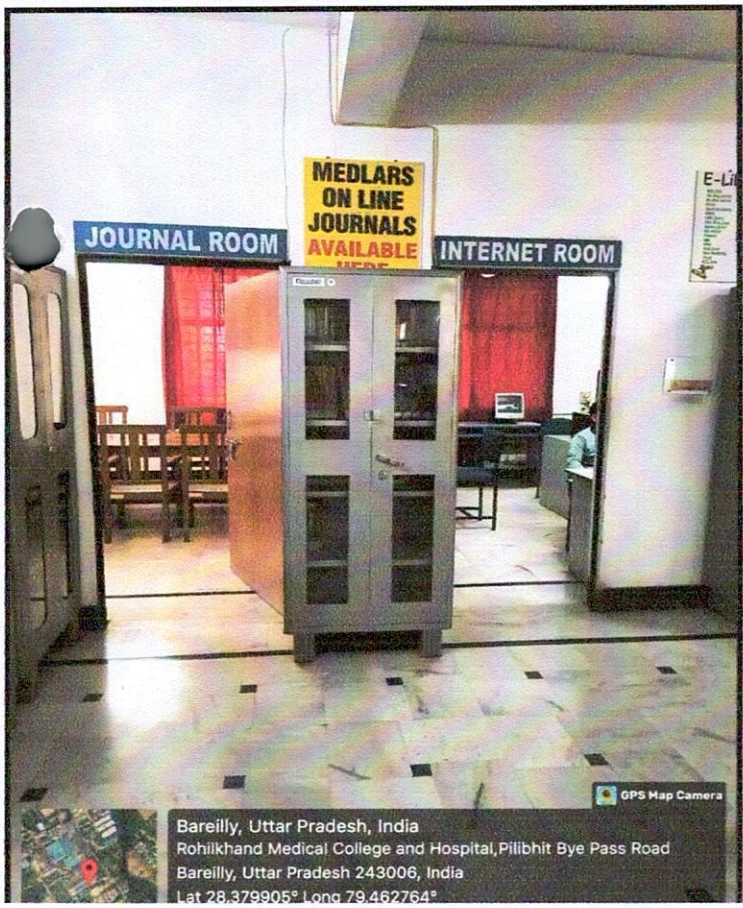
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