



EDUCATION



The Digital Future of **EDUCATION**

“Teaching in the internet age means we must teach tomorrow’s skills today.” – Jennifer Fleming

WAVE OF DIGITIZATION IN EDUCATION

A good school/college is much more than just an educational opportunity for students; it can become a candidly fostering environment for them by presenting a platform to explore their inner strengths and talents in accordance to the opportunities across the globe. We need a new education system to create entrepreneurs, innovators, artists, scientists, thinkers and writers who can corroborate the groundwork of knowledge based economy rather than the substandard service provider nation that we are developing into. The key is to personalize the education as per the needs of every individual student; hence the education system must contain virtual classrooms. Also, from the point of view of an educational institution digitization of the system has become inevitable. The educational institutions are facing a lot of challenges such as striving to gain a competitive edge as more and more institutes are entering the sector, managing finances by reducing the operational costs and improving the quality of education.

DigiLantern can help higher education institutions in many ways with our Web & Mobility solutions. The most effective tools for this propagation will be mobile phones, tablets, laptops and computers with superfast broadband connections.

WHY DIGILANTERN ?

DigiLantern is a global leader in Digital solutions and technology services focused on helping our clients achieve digitization of business process, data driven insights for better ROI and create amazing brand experience in the digital space. We are a team of talented experts working on latest technology stack and providing solutions to wide range of customers. We use our in-depth industry knowledge to understand the business complexities and combine the creative and technical expertise to produce effective solutions. Our fundamental key metrics is built on investigating, understanding, brainstorming, creating and optimizing. We firmly believe in being accountable for the operating model strategy, design and implementation; and fetching the results aligned with your organizational goals,

Here are some industry specific reasons to choose us:

- ✔ We associate IT programs and objectives with your vision to provide solutions that manage business process and also upgrade the availability and authenticity of the information provided to the students with an ultimate **IT Infrastructure**.
- ✔ **Mobility & Web Solutions** such as designing and implementation of mobile applications for android, iPhone and blackberry; Web hosting, Website designing, Content Management Solutions.
- ✔ **Personalization of Education** with 'The Buddy Project'.
- ✔ DigiLantern's **Administrative Service Solutions** ensure the optimum utilization of resources, easy transactions, eliminating avoidable/repetitive operations, less time and cost consumption.
- ✔ **Digital Marketing** with Search Engine Optimization & Social Media Optimization techniques. This helps you to not only educate the masses about the education & facilities that you provide but also to attract your target students and stakeholders/investors.
- ✔ We assist you to improve the efficiency of your people and keep a track of their performance in order to **transform the Organization Structure**.

OUR SERVICES/WHAT WE PROVIDE:

We at DigiLantern comprehend the limitations within which education institutions have to manoeuvre and integrate participation from faculty, administrators, students, alumni, investors and other stakeholders. We consist of a proficient team who utilize their wits to accentuate the capabilities of your management system, an effective internal & external communication system, improve the overall student experiences and secure delivery of information and services to all the concerned people.

Here's a list of the procedures that take place in every educational institution and how we assist you to deliver your best in these everyday activities:

1 STANDARD ECAMPUS NEEDS

1.1 ATTENDANCE MANAGEMENT

The proposed system shall provide a powerful solution to maintain the attendance of the employees of the organization including Academic Staff, Administrative Staff and Other Staff. The Attendance Module will provide you a systematic way of management for the attendance of your employees. For academic staff (Faculties) System will automatically calculate the work-load and for the rest of the staff members system will calculate the working-hours.

1.2 CERTIFICATE MANAGEMENT

Every Institute needs to maintain various records for each and every student during the course of their studies. Students ask for various certificates e.g. Bona-fide, Transcript, and Syllabus Certificate etc. for different reasons like Education Loan, Studying abroad, Higher Education or Claiming Benefits from the Government. Certificate Management Module of system enables Administration to maintain these records with ease.

1.3 ID CARD MANAGEMENT

An ID card is the key identification which is provided by every institute to their students. It's an official document which can be used in any emergency. Hence, keeping a track of ID card records (Issued and Expired) is equally important as keeping track of financial records. Some institutes ask to submit an affidavit by the student in the case of lost/misplaced ID Cards because misuse of Lost ID Card can lead to legal complications for the institution. To prevent the misuse of such ID Cards system will provide you a built-in feature to Design, Generate and Issue the ID card from the system itself.

1.4 TIME-TABLE MANAGEMENT

Time-Table Generation is the major headache for any institution. Generally students are divided in Batches or Divisions for academic management. DigiLantern's Time-Table Management Module will enable you to create time-table for each division or batch separately in following two ways:

1.4.1 Hourly System (Lecture-Wise Time Table)

1.4.2 Daily System (Day-Wise Time Table)

1.5 FEES MANAGEMENT

Fees Management is a very tedious job since it requires a lot of attention while taking fees as maintaining financial records is very important task in every organization. A proper accounting is also needed at the end of every financial year. Fees Management Module is completely managed on the base of the fee scheme (Fee Taking Policy) prepared by authenticate user/admin. So, the clerical staff does not need to remember each and every head and amount for every individual student. Institution can get the fees amount online via Payment Gateway. Through the available reports Administration can get a bigger picture of the organization and judge the income.

1.6 COURSE MANAGEMENT

Providing best quality education is the main objective of any academic institution. Hence, the Course Management system provides you the easiest way to manage your academics.

All academic management modules of system are integrated and interlinked. Starting from deciding the syllabus system provides the teaching plan and curriculum management in best possible way. The syllabus can be divided in small portion to prepare a daily teaching plan for the faculties. Further the presentations or other material used in the class can be shared with the students through student-login of system which will create an e-Learning Resource Center.

1.7 EXAM MANAGEMENT

In this scenario, institution needs to summarize attendance of each student (with eligibility criteria) and internal assessment, submitting the examination form to the concerned University, making a list of students appearing in an exam, taking attendance of the students during examination etc. In addition to the above year/semester ending activities, you will be able to perform or keep a track of Class Test, Group/Subject Test, Internal Assessment via Preliminary/Terminal Exams, Assessment of Activities and Interpersonal Skills, Combined/Aggregate Result, Weightage based Assessment, Final Assessment for Progress Card, Notifying Parents about Result (SMS, eMail & Letter). The exam management system can be divided into following categories:

1.7.1 Pre Exam Process Workflow

1.7.2 Exam Process workflow

1.7.3 Post Exam Process workflow

1.8 RESULT PROCESSING

The Result Processing Module is designed in such a way that gives power to administrator in managing the entire activities from single interface. There is always a scope of Unfair Means in every exam. System addresses all the essential management of such Unfair Means Cases. The various processes that are taken care by result processing and management system are: Incorporating Ordinances for Result, Upload / Enter Subject Marks, Gracing Management with Panel, With-Held Cases Management, Ranker Analysis (Class/Subject), Managing Unfair Means Cases, Re-Assessment Management, Mark-sheet/Bulletin Printing, Online Provisional Mark-sheet, Degree Certificate Management.

1.9 LEAVE MANAGEMENT

Current management has problems of lot of paper-costing, complete manual maintaining leave records of all employees and updating too which can create calculations problem. With this system, right from leave application till its approval/rejection is completely managed online. It gets regularly updated and hence employees leave record can be easily tracked.

1.10 HOSTEL MANAGEMENT

DigiLantern's Hostel Management system is used to manage student accommodations, Rooms management which includes for checking out empty and allocated rooms, Register can be generated of all student records, Hostel fee structure, Hostel fees management with installments and different reports, Hostel infrastructure with different statistical report to make judgment, in which floor max students are there.

2 THE BUDDY PROGRAM - DIFFERENTIATOR

2.1 INTRODUCTION

DigiLantern has designed a unique program called 'The Buddy Program' which provides a helping hand to settle down and get to know student life. It is a service by graduate students (Buddy) helping new undergraduate (Peer Buddy) students.

The main benefits of Buddy Program include, but are not limited to, the following:

- ✔ Students receive more time for individualized learning
- ✔ Direct interaction between students promotes active learning
- ✔ Buddy reinforce their own learning by instructing others
- ✔ Students feel more comfortable and open when interacting with a Buddy
- ✔ Peers and Buddy share a similar discourse, allowing for greater understanding
- ✔ This program is financially efficient alternative to hiring more staff members

2.2 BEING A BUDDY AND HAVING A BUDDY

Individual buddy partnerships are arranged through online software. Once buddy and peer buddy established the connection, they can develop their own way of working together.

- ✔ The relationship is best described as professional and does not necessarily involve friendship.
- ✔ It is not intended to involve individual personal counselling
- ✔ The most effective buddy partnerships occur when both parties have a clear understanding their mutual expectations.
- ✔ For this reason we encourage both parties to fully discuss expectations for the match and document their goals.
- ✔ The partnership may continue over several semesters, or may end when a particular goal has been achieved or when the collaboration no longer meets the needs of either party.
- ✔ The majority of buddy partnerships are successful. However, if the match does not work, students can contact the other Buddies.

2.3 REGISTERING PROCESS

The Student indicates interest can create their Buddy/Peer Buddy Profile

2.3.1 *Buddy Profile*

- ✔ Information required for creating a profile through which any peer Buddy, can select them for connection
- ✔ Educational Qualification
- ✔ Projects Completed/ Technical Knowledge
- ✔ Reviews by previous peer Buddies
- ✔ Previous Buddy Score/ Gifts Received

2.3.2 *Roles and Responsibilities*

A buddy can assist with activities such as:

- ✔ Familiarizing a new student with their subject
- ✔ Helping a student to improve their skills
- ✔ Provide new references, study materials
- ✔ Simply providing a friendly ear from time to time
- ✔ Accessible, credible, and will be a good coach and resource

A Buddy can offer their educational service through Documents, Chat/ Explanation, Video Communication, Telephonic Sessions, Book Reference, Offline Meeting.

2.4 WHO CAN BECOME A BUDDY?

Buddies are open-minded and outgoing senior students who volunteer to support junior students, especially to solve their educational difficulties. A Buddy can be paired with one to five peer buddies at a time. Since the programme relies on voluntary work, buddies cannot be paid.

2.5 PEER BUDDY PROFILE

- ✔ Information required
- ✔ Educational Qualification
- ✔ Area of Interest
- ✔ Achievements
- ✔ Subject Query

2.6 BUDDY SCORE & REDEEM POINTS

If a peer buddy is satisfied with the entire educational communication, he/she can give Scores/Points of satisfaction to Buddy. Buddy score is totally based on the mode of communication between the Buddy and Peer Buddy. The points earned are neither transferable nor encashable. For every 100 Points you earn in the Buddy program, you will be eligible to receive a gift worth 100 INR. Buddy can also store points for the future. Redeemed rewards points get added to Buddy Score Card to be used for future. If the total score of a Buddy reaches 1000 points, then he/she will be eligible to become a Buddy Manager. After getting more than 1000 points a Buddy can train others to become a buddy.

2.7 BUDDY MANAGER

To monitor or control all the communication between a Buddy and peer Buddy, an Admin profile that is Buddy Manager is created. The Roles and Responsibility of Buddy Manager can be listed as Profile Checklist, Train Buddies, Follow-up and Review, Monitor and control communication, Block unnecessary and unauthenticated queries, reviews as well as Buddy or peer Buddy profile, Monitor Buddy Score Card.

2.8 EXPECTATIONS FROM THE BUDDY RELATIONSHIP

he relationship with the new student should be positive and supportive. Buddy managers are involved in monitoring buddy relationships. Gossip and speculation within a buddy relationship is discouraged.

2.9 SCOPE OF THE BUDDY PROGRAM

- ✔ Being a contact point for students who may be having problems with their program of study;
- ✔ Monitoring students' academic experience with the aim of improving that experience and;
- ✔ Implementation of a variety of strategies for the benefit of students and staff, including equity initiatives and planning.



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