

Laysan Technologies Pvt. Ltd.



- ☒ Software Development
- ☒ IT Hardware & Networking Solutions
- ☒ Digitization of Documents
- ☒ On-Screen Marking Solution
- ☒ Online Examination solution
- ☒ OMR Printing, Scanning & Evaluation
- ☒ Question Paper Settings & Printing
- ☒ Biometric Attendance System
- ☒ Smart Classroom Solution
- ☒ School/College Management System

Solutions that smiles back

www.laysantechnologies.com

Software Development

We are pleased to introduce ourselves as one of the leading solution provider for web, windows & mobile based applications. The Company has been promoted by some highly experienced Professionals dedicated to provide total IT solutions under one roof. It possesses not only solution but also the most knowledgeable and experienced hands to offer most user friendly customized solutions.

Things are always changing and we allow ourselves to change with latest trends through constantly learning new things. We offers a range of Web, Mobile, and Desktop Applications and products, which can be used “As-Is” or can be customized to meet the exact needs of businesses of every size. Being an IT Services company, our objective is to make IT accessible to all. We help our clients to extend their development capabilities without incurring the cost of setting up new facilities. We work to provide optimized and customized software services based on your requirements using the latest technologies. Our expertise in software development, consultancy and skills in a variety of software technologies helps us to fulfill all software requirements of our clients.

Our Solutions in Software Development:

- + Customized Software Development
- + Job Portal & Advertisement Website and Mobile Application.
- + Blog/Article and Question & Answer Website.
- + Social Networking Mobile Application & Website.
- + PrinterMonitor for monitor page count of printer.
- + Barcode & Litho code printing Software.
- + Community Website & App
- + Encrypted File Viewer/Player
- + Email Blaster Software (Send mail to multiuser).
- + Password Manager (Keep your all password secure).
- + Online Tutor application
- + eCommerce App & Website
- + Cab Booking App
- + Real Estate Property Listing Website & App
- + POS Software



Our Solutions in Examination/Recruitment Department:

- OMR Scanning & Result Processing
- Online Application Processing
- Online Examination Processing
- On-Screen Marking for Subjective Papers
- Question Bank Preparation & Selection
- Question Booklet/OMR/ICR Printing
- Digitization of documents & Data Management System
- OMR/ICR/OCR Form Reader
- School & College Management System
- Smart Classroom Solution



Technology Use:

Visual Studio .NET (C#, ASP.NET, VB.NET)

DBMS (SQL Server, MySQL, MS-Access, FoxPro)

Designing (Website, Logo, Bootstrap framework, Photoshop, Corel Draw)

Mobile App: (Android, iOS, Cordova, Phonegap, Xamarin, ionic, React, Angular)

Node.js, Crystal Reports, HTML, CSS, JavaScript, AJAX, Java, PHP, MySql, Magento, Wordpress, Opencart, Woocommerce, Desktop Support, Networking & Maintenance.








IT Hardware & Networking Solutions

We deals in IT Hardware and Networking Solutions. We specialize in IT hardware and Networking Support and installing key business solutions across India. Our hardware and networking engineers are experienced in supervising and designing the installation process. We provide networking solutions along with the requisite hardware such as switches, hubs, gateways, access points, network interface cards, networking cables & structured cabling to help you choose the right solution for your business needs.

Every customer requirement is unique and each has requirements that are different from the next. We take the time to get to know the company and team members and the problem then design solutions that are aimed to address those requirements. We identify the challenges by taking the time to listen to the customer to understand needs and unique challenges and then, we propose an appropriate solution.

What we offer in IT Hardware & Networking Solutions?

-  IT Hardware Solutions
-  IT Networking Solutions
-  Optimized Server Solutions
-  Label Printer Solutions
-  Barcode Scanners Solutions



The label printer is a special purpose printer that has been formatted to print labels, tags and bar codes on self-adhesive labels, card stock, rolled stock and tear sheet stock. Other label printers are engineered to print on film and foil substrates. Label printers is used to printer barcode labels, invoices etc..

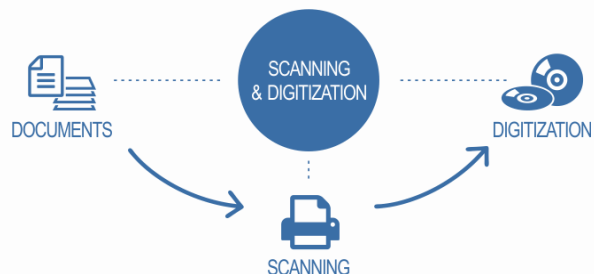
There are two type of barcode scanners: 1D barcode reader and 2D barcode reader. 1D barcode reader will read only 1D barcode but 2D barcode reader read both 1D, 2D barcode & QR Codes. We deals in Honeywell, TVS & Zebra barcode scanners.



Digitization of Documents

Digitizing important paper documents creates a layer of security, and often convenience. The scanned copy of the original document provides a fallback option in case the papers are lost or damaged, whereas controlled access to organized storage of the digital copies makes it much easier and faster to find and use the required documents, even without physically touching the original paper.

Scanning paper documents into digital image format is the first step of document digitization process. However, it's just the beginning, and unless organized properly, it only adds to the burden of the original sheets of paper – where to store the digital copies, how to control access, how long to retain, when and how to dispose etc.

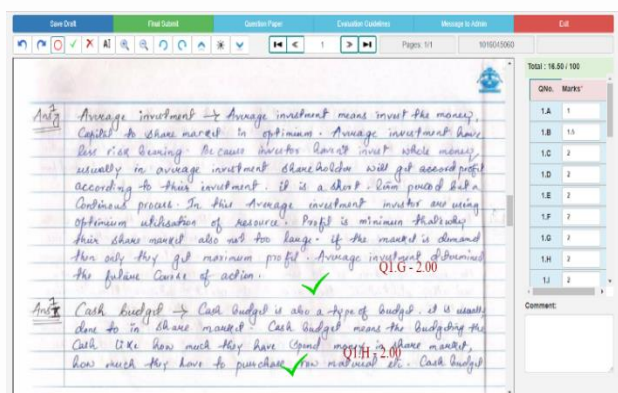


The goal of Document Digitization is to significantly reduce the dependence on the original paper documents without adversely affecting operational efficiency, security, control. That can be achieved only through proper planning and execution.


On-Screen Marking (OSM) Solution

On-screen marking is a method of marking a candidate's response that has been produced on paper and presented to an examiner for marking on-screen using a PC. Awarding and Assessment Bodies including Professional Bodies and Universities would benefit from implementing on-screen marking and would typically realize the following advantages:

- An improvement in the reliability and quality of marking
- More efficient use of examiner skill
- An increase in the speed of marking
- A reduction in the risks associated with transporting exam scripts between centres and examiners
- A reduction in the risks associated with the influence of a single examiner marking a whole exam script
- Real-time monitoring of marking progress & quality
- A reduction in the risk associated with any missing answer script



Online Examination Solution

	Roll No Name Cat/Post Batch No	1 REKHA KUMARI Batch-1	Total Questions Atmp. Ques. Lab No	100 0 -	Exam Date Start Time Time Allowed Time Left	14-08-2017 08:12:00 1 h : 30 m 88 m : 28 s																																																																											
Question-1																																																																																	
English Question																																																																																	
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शरीर को स्नेहक बनाना																																																																																	
B. <input type="radio"/> Give energy																																																																																	
ऊर्जा देना																																																																																	
C. <input type="radio"/> Send oxygen to every cell																																																																																	
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D. <input type="radio"/> Maintain body temperature																																																																																	
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Online examination is a new technique to conduct an examination through intranet/web/ internet wherein all activities are strictly monitored and controlled by the administrator along with examining body which makes it a very fast, safe and reliable mode of exam.

Online examination is beneficial to all competitive examinations, recruitment organizations, training/ coaching institutes etc. Our online examination management software is dynamically developed with powerful tools. It is very intuitive, user friendly and tamperproof.

After completion of the exam, all reports will generate automatically which can further be customized as per the client's requirement. All reports can be provided in soft copy (Ms-Excel, Ms-Access, Ms-Word, text file or other format) and Hard copy as per client's requirement.

For conducting online examination, we need to take applications from candidates. For controlling the online application forms submission, we have experienced professional technical staff & secure servers. They control the application forms at many levels. Different organizations, schools, boards use different methods for the online registration of the candidates.

1	2	3	4	5	6
Basic Info	Details	Upload Photo/Sign	Preview	Upload Document	Payment
Basic Details					
Name of Candidate *					
Sanil Kumar					
Father's/Husband's Name *					
Rakesh Kumar Singh					
Mother's Name *					
Meena Singh					
AADHAAR Card No. (Optional)					
123456					
Date of Birth *					
19/06/1994					
Age completed as on * 01/01/2016					
31.6.14					
Select Community *					
SC					
Gender *					
MALE					
Marital Status *					
<input checked="" type="radio"/> Married <input type="radio"/> Unmarried <input type="radio"/> Widow <input type="radio"/> Divorced <input type="radio"/> Judicially separated					
Are you an Ex-Serviceman *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
Date of Attestation					
04/03/2015					
Person with Disability *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
Are you seeking Age Relaxation *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
Are you Govt./PSU/Railway Employee *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
If Railway Service, Date from:					
20/08/2015					
To:					
31/08/2015					
Do you belong to Economically Backward Class *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
Do you belong to Minority Community *					
<input checked="" type="radio"/> Yes <input type="radio"/> No					
Religion *					
BUDDHIST					
Phone No. (STD Code - No.)					
011 25643289					
Mobile No. *					
8860639597					
Confirm Mobile No. *					
8860639597					
E-mail ID *					
pallav.kumar837@gmail.com					
Confirm E-Mail ID *					
pallav.kumar837@gmail.com					
Nearest Railway Station					
Delhi					
Enter Security Code *					
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59HHC					
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OMR Printing, Scanning & Evaluation

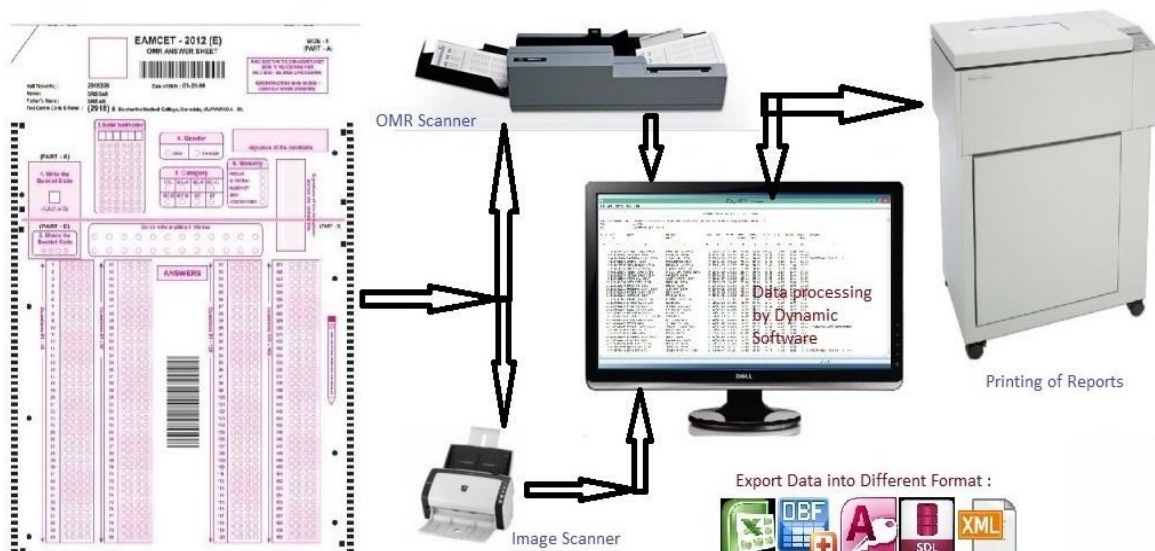
We deal in designing, printing, scanning & evaluation of OMR Sheets. OMR sheets are used to mark responses by way of filling bubbles provided on the OMR sheets. OMR sheets are used in examination/recruitment managed by Govt. & Private organizations.

Paper Quality

- For OMR sheets, we provide both standard and heavy weight paper of highest quality to satisfy your scanning needs and that meets stringent scanner requirements.
- For both side printed (with barcode/Litho code/Serial No.) single sheet, thickness should be 90 to 120 gsm
- For printing of OMR answer sheets in Carbonless/Pressure Sensitive (2Ply/ 3Ply) with facility of barcode/Litho code/Serial No., Top sheet thickness should be 90 to 115 gsm and second sheet thickness should be more than 80 gsm as per client's requirement.



We have latest version of OMR/ICR scanners. Through these scanners, we can directly pick data from the answer sheets and store it into a database for the preparation of the result and other data analysis work.



Examination result processing

A highly specialized field of activity where confidentiality, accuracy and adherence to strict schedules are of prime importance. We are doing result processing for different kind of clients like Boards, Public & Private Recruitment Organizations and Universities etc., which involves huge number of appearance of the candidates. Result processing and reports generation with 100 % accuracy can be done within few minutes through our in-house developed software following few simple steps after finalizing raw data.

Test Analytics

Test Analytics is analysis of the data from various tests conducted by your organization. It prepares various reports from the data captured from the OMR forms and gives you textual and graphical reports. We also conduct online examination.

We also provide publishing of result on organization's website. Online result publishing software is fully customized as per client requirement.

Enter Roll No.:	<input type="text" value="12345678"/>	
Enter Date of Birth:	<input type="text" value="05/05/1989"/>	<i>dd/mm/yyyy</i>
<input type="button" value="Show"/>		<input type="button" value="Reset"/>

ROLL NO. :	12345678	CONTROL NO. :	12345678
RAW SCORE :	95.00	RAW SCORE (%) :	95.00
NORMALISED SCORE (%) :	95.00		

Answer Details										
Description : [Right] [Wrong] [Blank] [Key Blank]	1	2	3	4	5	6	7	8	9	0
KEY ANSWERS : [001-010]:	A	B	A	A	C	D	A	B	D	
OMR ANSWERS : [001-010]:	A	B	A	A	C	D	A	B	D	
KEY ANSWERS : [011-020]:	C	D	D	B	B	A	C	C	C	D
OMR ANSWERS : [011-020]:	C	D	D	B	B	A	C	C	C	D
KEY ANSWERS : [021-030]:	C	C	D	D	C	B	A	C	A	A
OMR ANSWERS : [021-030]:	C	C	D	D	C	B	A	C	A	A

Standard Deviation & Normalisation Formula

$$\text{Standard Deviation} = \sqrt{\frac{\sum (X_i - X_{\text{mean}})^2}{N}}$$

XI=Candidate's Score, Xmean=Average of all candidate's Scores, N=Total Candidates

$$\text{Normalised Marks} = \left(\frac{\text{Standard SD}}{\text{SD of Shift}} \right) \times (\text{Candidate's marks} - \text{Average of shift}) + \text{Standard Average}$$

Standard Deviation Details						
SHIFT	SHIFT CODE	TOTAL CANDIDATES(N)	SUM OF TOTAL MARKS	SUM OF TOTAL SQR	AVERAGE	STANDARD DEVIATION
1	1	85682	1657238.1500	14954031.6683	19.341700	13.2110
2	2	94296	1807871.1700	23448685.8707	19.172300	15.7693
3	3	88298	1862410.3600	25281942.5621	20.942900	16.8611
4	4	99335	2776951.6900	44560177.5311	27.955400	21.1798
5	5	93919	2473558.0600	36552103.5799	26.337100	19.7278

Standard Average = 27.955400 , Standard SD = 21.1798

Online Result Publish

Question Paper Setting & Printing

We provide complete solutions for question paper setting & printing work. There are two ways of preparing question papers:

1. Question bank entry & selection software:

We have multiple choice question entry & selection software, where we prepare question bank by books written by professors of reputed organization. All questions in the Question Bank have to be verified and correct. Questions are indexed and tagged in the question bank software according to Subject/ Unit/ Chapter/ Topic/ Category/ Difficulty Level/ Type of question etc.



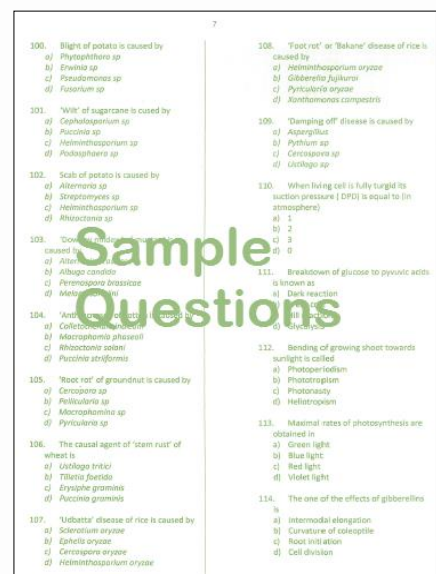
For conducting Exams, Practice tests, Test series, Online Test etc. Multiple Choice Questions (MCQ) are randomly selected from the Question Bank. These question papers can be printed on paper as well.

2. Question set by individual professors:

We need syllabus for question paper preparation. We prepare question papers as per client requirement. It depends on which level of questions you want to set. We have a team of professors from reputed organizations who does this work in a given timeline.

We maintain secrecy & confidentiality during preparation of question papers. When all questions set, then we prepare a secure CD/DVD and seal them. That can only open at the time of printing. We assure you of high quality of work with utmost sincerity and confidentiality.

We can assure you of our capability and reliability in each step of executing such kind of jobs to maintain confidentiality. We assure you to accomplish such jobs to the best of your satisfaction, strictly maintaining secrecy norms, according to your time schedule and at most competitive price.



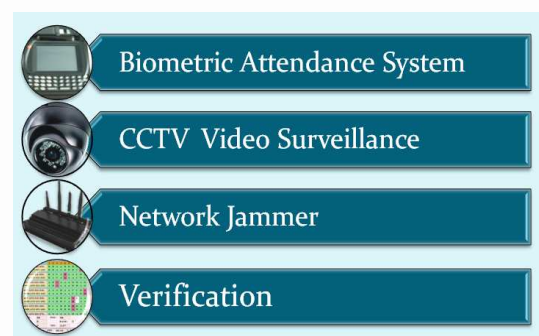
Biometric Attendance System

We would like to introduce an automated thumb attendance management system in schools, colleges, hospitals and govt. offices that consists of a web system for entire organization to record attendance. A right attendance system imposes the punctuality to employees and ensures maximized productivity time and offers the best integrated permission and leave management operations irrespective of any geographical locations. Unfortunately, no such systems exist in the market, which helps the management to manage their employees' attendance with handy devices.



We offers fully automated advanced attendance system, which is built with 2P Technology, which comes along with web based management and mobile app control panel where the head of the organization will be able to get the instant reports of all the branches from any geographical location.

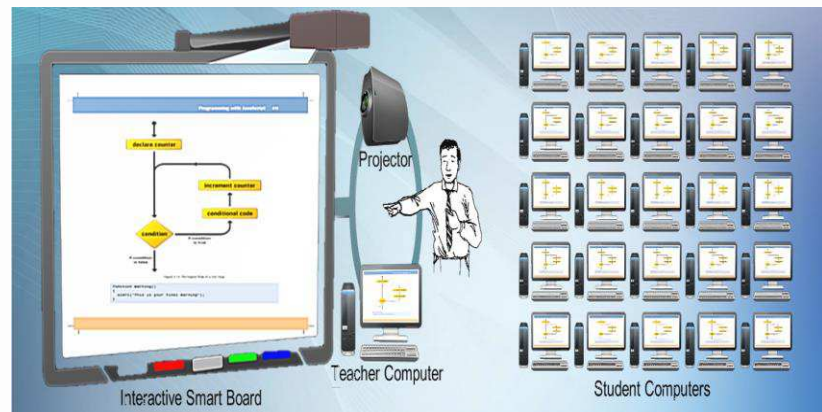
We also deal in biometric attendance machine inbuilt with Finger Print Sensor, HD Camera & Barcode Reader. With this machine, we are capturing roll no. of candidates through barcode reader, capture their thumb impression through finger print sensor and capture their photo from HD camera. These all facilities inbuilt in a single machine i.e. very convenient and cost effective.



The mobile network jammer is a device which blocks the mobile phone signals in a specific area by creating disturbance in wireless field so that the people are not able the use cell-phone in that area. A mobile jammer is the perfect device for prevent malpractice in examination or any confidential place. Once switched on, it will block the mobile phone signals in that particular area and there will be no network coverage in that area.

Smart Classroom Solution

Smart classroom has a unique delivery model for schools. A knowledge center is created inside the school equipped with the entire library and smart class digital content. The knowledge center is connected to the classroom through internet.



Teachers get relevant digital resources such as animations and videos, interactive virtual labs tool etc. and use them as a part of their lesson plans in every classroom period. Classrooms are equipped with custom designed electronic interactive whiteboards & projection systems.

School/College Management System

SCHOOL/COLLEGE MANAGEMENT SYSTEM is a complete solution for SCHOOLS/COLLEGES handling regular management work. By going through the flow of application, one can easily maintain its Student detail, fees detail, fee collection, employee detail, scholarship details, payroll management, library management, hostel management and transportation management, events management with advance record search.



This project also includes the management of reports of account section with administrative module to provide better security. User-friendly menus can easily generate all the reports. This project also provides the facility of database backup and recovery. Admin of this system can view the logs of the system that shows overall changes and entries in to the system with time and user type.



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