



CITC Solutions

CITC Solutions - Company Profile

A Center of Excellence specialized in providing Information Technology (IT) Solutions of products and services, by utilizing the best available resources. With this vision, CITC is committed to excellence in providing innovative and reliable Information Technology services, with special emphasis on delivering timely and within budget support for clients while remaining responsive to the issues and challenges faced by the clients today, tomorrow, and in the future.

Dedicated team of CITC maintains a high level of professionalism in partnering with its valued clients. IT Center is proud of its reputation for excellent customer service, a high level of customer satisfaction, and continually striving to improve and enhance its offerings.

At CITC Solutions, we focus on delivering high quality, technology based solutions to clients around the globe. Our diversified and talented staff together with our technological partners provide services and solutions that have high level of customer satisfaction. We operate and deliver with the goal to achieve maximum client satisfaction.

Quality is our prime parameter when it comes to providing solution. From the initiation of the project till its deployment we set high quality standards for our design/development and work according to processes that ensure them. We take pride in the fact that we have achieved recognition in the market on the basis of our quality principles. CITC, Solutions has the honor to be lead by Mr. Faisal T. Shah, who possesses vast experience in Total Quality Management and stands out to be the only PhD Scholar having TQM as research area, acting as the head of a software company.

Technologies

Platforms

Microsoft Windows 2003 Server/Windows2000/XP Professional
Red Hat Linux, Fedora, Turbo Linux

Programming & Development

ASP
Microsoft ASP.NET
Microsoft C#.net
Microsoft VB.net
Visual Basic
PHP
Java & JSP
Javascript
Matlab
HTML, DHTML, XML, CSS, XHTML

Database

Oracle 10g
Microsoft SQL Server 2000/2005
Microsoft Access
MySQL

Graphic & Web Design

Adobe Photoshop
Adobe Flash
Adobe Illustrator
Adobe Dreamweaver
Adobe Flex
Corel Draw

Third Party Tools & Libraries

MooTools
Lightbox
DOJO Toolkit
PHP Pear
Facebook API

Reporting and Misc.

Seagate Crystal Reports
Data Dynamic Active Reports
PHPMyAdmin

Current Projects

- PESSI – Punjab Employers Social Security Institution – DATA ENTRY + CARD PRINTING Project
- Professional Training Programs
- Inventory Control Management
- NOC Inventory Control System
- Maintenance of Developed Applications

Products

Face Recognition Attendance Solution

The Face Recognition Attendance Solution has evolved as a research project of the CITC Solutions based on a unique face recognition algorithm using neural networks. A complete software based solution which requires minimal hardware, i.e. just a camera and a computer with TV-tuner card. The software automatically identifies or verify a person from a digital image or a video frame from a video source

Automatic Face Recognition from a live stream and still image

Multiple Face Recognitions from a single frame

Skin Texture Analysis

Marking of Attendance

Security Assurance

Reports

CU Online

A complete web based MIS for any educational institution. It was tailored made for COMSATS Institute of Information Technology and has the feature to run at any educational institute with minor modifications. The following are the salient features of CU Online :

Student Information

Student Personal Record Keeping

Student Status (Admission/Registration/Examination/Any Other

Course Registration

SOS Implementation

Course Offering per Semester/Year

Teacher's Allocation

Students Course Registration

Course Add/Drop Scheme

Registration Reports

Accounts

Fee Challan Issuance

Student Fee Record (Issuance/Receiving)

Payable Dues

Defaulter Students

Fee Record Reports

Examination

Define Exams

Marks Uploading System

Transcript Generation

Examination Reports

Teacher-Students Portal

Attendance Uploading
Material Uploading
Discussion Board
Attendance Summary and Reports

Human Resource Management

Employee Record Keeping & Tracking
Employee Leave Management
Employee Salary Management
Employee Training Management
Employee Insurance

Hospital Management Information System

The CITC Solutions, Hospital Management Information System, deals designed to easily manage the overall working and monitoring the work flow of a standard hospital. It helps the policy makers with timely reports and statistical data to improve the working of the hospital, identify key departments / services and bring focus to areas of concern. The HMIS has the following features:

Patient Registration.
Patient Check In / Check Out
OPD (Out Patient Department)
IPD (In Patient Department)
Laboratory Automation
Diagnostic Services Automation
Staff Management
Specialties and Doctors Management
Patient Record Maintenance
Billing and Invoicing
Emergency Services
Operation Theatre and Surgical Procedures
Blood Bank Maintenance System
Database of Blood Donors / Blood Group
Integration of various disciplines
Reporting

Library Information Management System

Library Management System has been designed to automate, manage and look after the over-all processing of even very large-scale libraries. This software is capable of managing Book Issues, Returns, Magazine/Newspaper Subscriptions, Calculating/Managing Fine and Balances of payments due from Members, generating various Reports for Record-Keeping and Review purposes, according to end user requirements. The LIMS has the following features :

Book and Member Record management
Customizable grouping of members

Support for Catalogue of Audio Visual Materials and other Items
Membership Subscription Period Management
Quick and Powerful search for books and other items
Author Management
Complete Supplier Management
Financial Management
Complete Fine and Borrowing History
Reports

Hostel Management System

The Hostel Management System is a web based application and was designed with an aim to keep track of the students registered in all the hostels of the CIIT, Lahore. It comes up with easy to user interfaces to allocate/de-allocate beds to the students.

This application maintains the complete student history right from the first bed allocation to the last bed de-allocation. One important feature of this application is that the pictures of the student residing in the hostel can be updated at any time and made instantly available to the hostel application users so that they can easily identify that no illegal person is staying in the hostel.

Complete room occupancy reports can be generated from the system for any hostel. Another important report generated from the system is the Room History Report which keeps track of every student that has stayed in a particular room.

E-Notice Board Application

The E-notice board application is a web based application developed on the Open Source Platform. The application comes with an interactive graphical interface. This application uses the latest JavaScript libraries (jQuery) and XML to display the news from the live news feeds. Currently we are making use of the live news feeds from two of the leading national daily newspaper websites i.e. THE NEWS and THE DAWN.

This application also displays the latest and updated weather for the city of Lahore through the "Accuweather Forecast Web Widget". Keeping in view the cricket craze in the country, this application displays latest scores of an international cricket match in progress through the "ibibo Cricket Updates Flash Widget". This application also reserves a place for the local news and events that can be easily edited.

This application requires the internet access for its proper use however in case of a poor or no internet access this application also has an offline version which displays the local news and events. In place of the elements that require the internet access (i.e. news feeds, weather update and the live cricket scores widget) the system displays locally stored animations.

Completed Projects

Establishment of IT Infrastructure (FJMC)

CITC Solutions provided consultancy to FATIMA JINNAH Medical College and Sir GANGA Ram Hospital for the development of the IT infrastructure. The detailed network plan along with software i.e. hospital management, video Conferencing etc was prepared for the FJMC. A PC-1 of 22.48 Millions was also prepared in this regard.

Enhancement of IT Facilities (National College of Arts, Lahore)

The project "Enhancement of IT Facilities" for NATIONAL COLLEGE OF ARTS Lahore is recently completed. The purpose of the project was to redesign their network of 400 nodes to provide efficiency and speed. They also need number of software for different purposes i.e.; Documentation Management System, Library information System Accounts System etc. all these softwares will be developed and deployed in this regard. A PC-1 worth of Rs 40 million was prepared in this regard.

Dynamic Testing System (Punjab University, Lahore)

The dynamic testing system is developed for the Chemical Department Punjab University, Lahore. The system is being used for the entry test of the Total Quality Management.

Questionnaire Design for PPAF (Pakistan Poverty Alleviation Fund)

Designed questionnaire for the World Bank evaluation survey. The survey was conducted by the Pakistan poverty alleviation fund (PPAF).

Online Information Management System for IEP (Institute of Engineers Pakistan)

The project maintains the information of institute of Engineers Pakistan and online notifications of the events and news related to the IEP.

Cane Accounting (Mecca Sugar Industries)

CITC Solutions Developed effective Cane Accounting solution for Mecca Sugar Industries. The project is an important step towards the development of a comprehensive ERP Solution for sugar industries.

LAN Portal

The LAN Portal is purposely built for the CIIT, LHR. The LAN Portal contains online books, articles, course material, discussion forum etc. The LAN has greatly reduced the use of net as many books and article are locally available and students can get the required information in no time.

ERP Solution for Sugar Industry

Feasibility study of ERP solution for sugar industry.

HMIS for Mumtaz Bakhtawar Hospital, Lahore

A customized Hospital Management Information System which can run in any small to medium scale hospital with minor or no modifications.

Quiz Software

A customized software for conducting quiz competition. It was developed for COMSPEC' 09.

Electricity and Gas Bill Management

A software the management of Electricity and Gas Bills of the CIIT, Lahore official residence.

Admission System

A software for the management of students admission for a particular semester/batch. The software was deployed and worked perfectly for the intake of Spring'09, all the merit lists were generated through this software.

CIIT Lahore, Employee Insurance

A software for the management of insurance related activities of the CIIT Employees.

Web & Internet

Our developers have been part of the following web projects in their endeavors

<http://www.callxworld.com>
<http://www.ciitlahore.edu.pk>
<http://library.ciitlahore.edu.pk>
<http://alumni.ciitlahore.edu.pk>
<http://www.jobaholic.com>
<http://okjobmalaysia.com>
<http://www.medtravelpak.com>
<http://www.wellnessvisit.com>
<http://www.medcalm.com.my>
<http://www.bitsolutions.com.pk>
<http://www.alumniofhims.org>
<http://www.job4u.com.pk>
<http://www.okmm2h.com>
<http://www.radiantsalon.co.uk>
<http://www.arungreen.com>
<http://www.championslogistics.com>
<http://www.bem-music.com> (website design & update)

<http://www.4ufoods.com>
<http://www.quickprintint.co.uk/qpsite/index.html>
<http://www.whizsolution.com>
<http://www.metalleads.com>
<http://www.bluestarpk.com>
<http://www.bscomputer.com>

Contact Us

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