Independent University **Bangladesh (IUB)**

IUB Academic Repository

School of Business & Entrepreneurship Internship Reports

2010-04-13

Working Report on the development operations in the context of n-Tier Solutions Ltd.

Ahmed, Nafis

Independent University, Bangladesh

http://dir.iub.edu.bd:8081xmlui/handle/123456789/171

Downloaded from IUB Academic Repository

CORPORAT PROFILE

Our Products are ready
- Garments Industrie
- Textile Industries
- Spinning Mills
- Buying Houses
- Dye & Chemical Industries
- Educational Institu

& and our-off-the-shelf produc include
- Accounts Managemen System
- Inventory & Stock Co
- Waste Management
- Supply Chain & Distribu Management
- Sales Purchase & LC Management
- Human Resource & Pa Management

Partnered By www.ncwebmed.com

Partnered By
NCWEBMED
www.ncwebmed.com
Raleigh NC 27606, US

nTier Solutions Ltd
Apt 2D, House 6, Road 14A, Sector 4, Uttara, Dha
info@ntiers.net | www.ntiers.net
+880 666 26 22 | +880 1617045453

ABOUT -TIER SOLUTIONS

nTier Solutions Ltd - within a short span of its operation, has proved to be a unique software development firm: in the sense that all of its solutions were proven to be reliable beyond expectation. In addition, providing on-dot support has enabled the company to gain respect and trust from many of its clients.

Our unique technical architecture was designed after deep research, which not only ensures smoother running of an application, but also guarantees minimal downtime and state-of-the art security ensuring corporate dependability. Our dynamic real-time help system, a technology developed solely by our able development team, is based upon expert system, where our software learns patterns and usage habits of a user to give him/her a real-time help that is most applicable for the user.

In less than a year of its official operation, nTier Solutions has achieved a client-list which can be boasted by only a small number of software companies of Bangladesh. To top that we have also pierced into the International Market, with two North American companies already selecting nTier Solutions as their official development partners for Asia-Pacific region.

BRIEF CORPORATE PROFILE

Summary of our Services

We provide following services with full dedication and expertise to a clients:

- Software Development
  - Off-The Shelve
  - Customized
- Web Application Development
- Web Site Development
- Network Solutions
- Professional Multimedia Solutions
- Audio-Visual Editing & Remastering
- Data Entry
- Security Systems (CCTV)
- Specialized Interfaces

Out-of-the-box Applications

Some of our CRM and ERP ready applications are mentioned below:

nTier Financial Management System

Complete automation of your financial management, with seamless synch
your needs. All transaction forms, charts of accounts, Multi Currency
options, nineteen different generalized report, and need based custo
reports, form some of the salient features of this module.

<< Chart of Accounts Screen

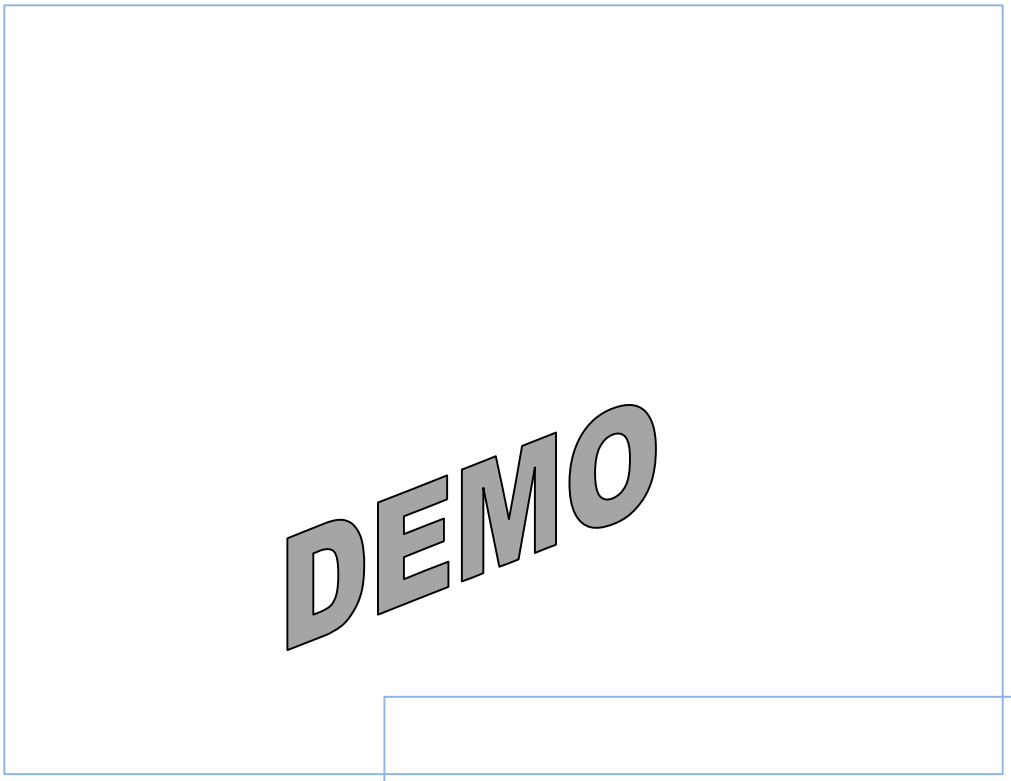
>> Voucher Entry Form

\/ Balance Sheet Report

Multi Currency Screen >>

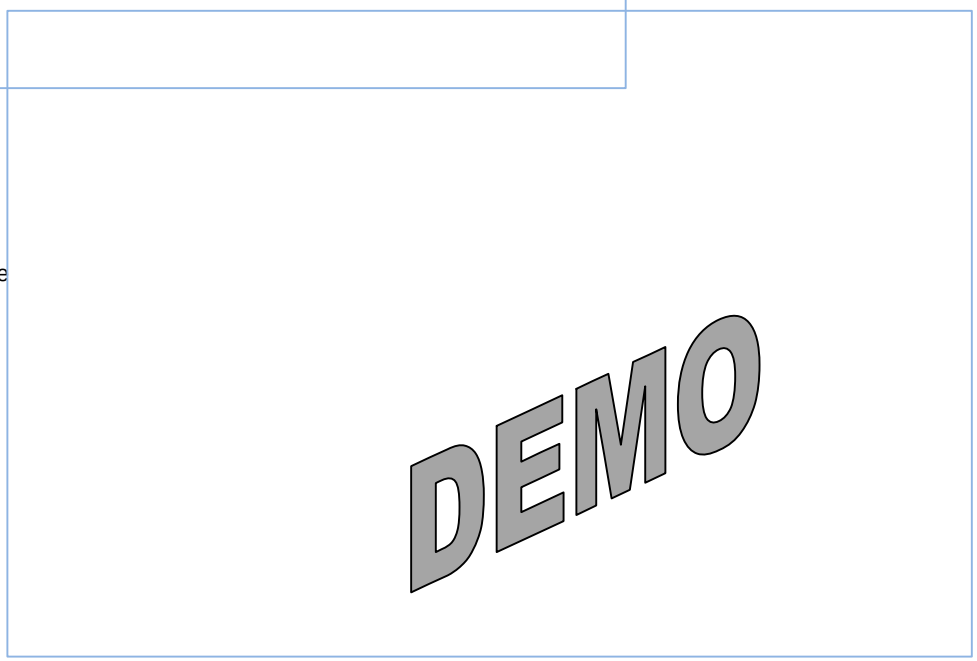
nTier LC Management System (Available in both Browser based & Desktop)

Generate your official and legal documents required in export, import including automated generation of proforma invoice, and bank wise each L/C as well as real-time status reports, with our unique L/C Manager System.



<< Auto Generated Proforma Invoice

Auto Generated Bill of Exchange >>



>>

<< Proforma Invoice Particulars Screen

nTier Inventory Management System

Take control of your raw materials, finished goods, and store stoc
automated and integrated stock control system. nTier Array comes
features needed to manage your inventory, from purchase to sales, re
unexpected losses, and mismanagement.

<< Item Chart

Section Wise
Comprehensive
In-Out Details

Report >>

^ Multi Currency Option

Supplier or Distributor Database Contact Informa

Supply Chain, Production & Distribution Management System

nTier Distribution features performance appraisal reports, distribu
wise sales report, vehicle management for distribution, and more,
your finished goods right from the warehouse to secondary resellers or
distributors.

nTier HR Management System

Track your manpower from recruitment to retirement with complet
Human Resource Management, including demograph bio data w
identification, automated recruitment process, performance appra
management, compete provident fund management system, to tell
features of nTier HR Management.

nTier Wages Payroll Management System

Liberate yours from the toils of calculating your employee salaries a
the end of each month. Our nTier Wages salary package comes wi
grade wise salary structure that can be tailor made to your corpo

automated,
gratuity, bonus,
perks or other
addition as well
as deductions
where applicable.
This module can
be seamlessly
integrated with

nTier HR Management and our specialized attendance system, to f
Human Resource automation of your Human Resource department

<< Employee Information Page

Salary Transaction Page >>

Customized Applications

No two solutions are the same. Off-the-shelf box solutions for enterprises don't exactly do what you need. People with ready-made software end up compromising quality and ease of work. While umbrellas serve you in rain, raincoats don't really do so. Our software are tailor-made for your exact needs. Don't adapt to the software, make the software work for you.

We appreciate how valuable your data is to you. So we design your system architecture using fail safe technology for maximum robustness. Plus, most of your customizations can be readily achieved by changing our established modules. In other words, since we have the core, any of your needs can be fulfilled in an astonishing rate.

With us, you can be working in the automated world in no time! Contact us, we'll make a schedule to visit you, analyze your system, and make estimations. If we see eye to eye, we develop your software within stipulated time.

^ Artillery Fire Control System (AFCS)

<< The Bengali Unicode based National Human Resource Database (75 Million Data Search Engine)

<< The Bengali Interface Biometric Interface Engine

Web Sites & Applications

In this age of Information technology, your corporate presence is depend on having a great website. Your website is your signboard, brochu visiting card on the information superhighway. However, a website way in helping your business maintenance is your right thing in the right is possible. Thus web applications are now on the trend, where yo manage your office through browser based applications, running o has access to Internet.

Many of our ERP modules are thus developed, so that you, as the manager or the owner of a business, can update every real happenings on your factory or office.

Our dynamic websites ensure that clients update their contents fr office without regular dependency on us. This makes the website in happening mode all the time at the clients will. We provide with secured adm the purpose.

Our web services also includes Domain Registration and Secured of-the art servers hosted with Tier 1 internet SAC. Our server technology includes Unix, Windows (Dot.Net) servers with multiple FTP, Inde Panel, Web Mail, POP Mail (Outlook, Thunderbird and Eudora Com Recipient Emails, dynamic web stats and many more.

Some of our developed websites:

The Anti Corruption Commission

Official Website.

This is a completely dynamic, dual language (English & Bangla) website available for general viewers. The website gives detailed information on the work of the commission, online complaint lodging system, dynamic news and events updates, dynamic verdicts and notices, as well as a comprehensive knowledge base.

URL: www.acc.org.bd

The Laser Medical Center

A completely dynamic website for a technologically advanced clinic. Gives details of their services, extensive knowledge base on laser technology in treatments and online Know your Skin Feedback form. A completely dynamic Doctor Section deals with patients logging in to a dedicated account to share their information with selective doctors. The doctors login allows the doctors to provide Feedback online.

URL: www.lasermedicalbd.com

TV Islam USA

A Live Transmission online TV broadcasting system (under testing), researched and developed by nTier Solutions, for the first time in Bangladesh.

Previously, many companies developed Video-on-demand system that worked in leu with YouTube and other on-demand video websites. However, this is first time that live video feeds are transmitted online configuration that minimal buffer times are required, resulting in time TV viewing with only average speed internet connectivity. The under test run to find best video and audio throughputs, and has features both Video-on-demand as well as Live TV Feeds. The website uses CDN that dynamically detects geographical location of clients requests fastest TV Feeds using nearest server to the client, and aims to almost TV like experience on the Internet. The website has features that can enable users toggle between browser sizes to Screen Modes.

URLS: www.theislamictv.com | www.islamictvusa.com | www.islamictvworld.com

The Narayanganj Club Ltd

A Completely dynamic Club Website for The Narayanganj Club. The website has individual login for each member, where they can change/edit their information giving them a broadcasting page through the club

Dynamic features include real-time updatable news , events and announcem
pages, as well as a completely dynamic members directory.

An affiliates section provides details of affiliated clubs and hotels a
world. A graphically attractive Photo Gallery ensures a complete
experience for any viewers visiting the site.

URL: www.narayanganjclub.com

nTier Securities

its not just cctv its etire security for you!

Commercial:
Monitor your employees or clients at your shop or office from any
Security solutions, with added advantages of loss prevention and crime

Residential:
With your safety in mind, monitor your home from anywhere aroun
receive instant notifications for anything you want including secu
nanny alert etc. You can also record whats going on and make sure to verify al
it wasn't a stray cat entering your house.

Industrial:
Protect your industrial assets to increase profitability, and make
always insurance compliant. nTier securities is all about your cor
security.

Not only that, to ensure that we are a byte ahead, our integrated nTi have CCTV and remote monitoring interfaces on Browser end, so t

mo View from our system's browser based remote interface **our home in vacation suit in! Hawaii**

Some Of Our Clients

Following is a brief overview of some of our prime clients:

Anti Corruption Commission (DUDOK)

We have, in secured server for the prime corruption fighting organizatio Further automations with ACC is also underway. This is a complete automation of three-phase including:

Networking

- Central server configurations
- Physical connectivity
- Hierarchy based network access and file sharing
- Internal mail server and real time network communication
- Gateway security configuration and back-up system configuration

Software Development

- HRM system for acc
- Stock control and inventory management system
- Customized Financial Accounting and Budgetary Control System
- Internal MIS paperless office system, which includes personal tas management, local mailer, task assignment management, live communic

Developed the official web application hosted at www.acc.org.bd

- Dynamic news and verdicts update
- Online complaint system
- Dynamic tenders n notices
- Knowledge base tions sec

DGFIDirectorate General of Forces Intelligence

DGFI is a prime intelligence agency in Bangladesh. We have provided mult

DGFI including:

- National Human Resource Database: a complete and comprehensive database the largest national level database in the country over 75 million data in clustered database.
- Management Information System application for its specialized units

- Biometrics Solutions: Integrated Biometric solution for the DGFI for fi recognition with close support with Innovatrics of France.
- Feasibility study team on behalf of DGFI for developing the project o and national Biometric solution 2008
- Developed number of blogs and news portals.

Bangladesh Army

We have developed Artillery Fire Control System (AFCS) and long range military automation for Artillery unit of Bangladesh Army. 9th Artillery Brigade in Savar coordinates with project under Artillery Directorate of Bangladesh Army HQ.

RDRS Bangladesh

We have developed Provident Fund Customer Ledger and General Ledge customized software application for RDRS Bangladesh, a renowned NGO for

RDRS Enterprise Pvt. Ltd.

RDRS Enterprise Pvt. Ltd. is a commercial enterprise company of RDRS. We developed integrated Accounts and Inventory Management system with integrated HR r

Akij Group

We developed complete customized ERP for Akij Textile Mills Ltd, which inc accounts, inventory, distribution and biometric system. Additional provided and installed complete security systems in ATML Worked closely with marketing and Beverage Ltd to develop one of the most comprehensive and happening Bangladesh, denoting its official website www.jomasti.com.

Mondol Group

nTier Solutions Ltd. had developed complete ERP solution including integra Inventory, Sales and Distribution Management for Montrims Ltd, a concern o

Redox Chemical Ind Ltd

Developed Customized Inventory and Sales System for Redox Chemical Industries

TV Islam USA

For the first time in Bangladesh, a LIVE TV Transmission channel was devel
for US based TV Channel, TV Islam, USA, in collaboration with CDN Partner
Canada. The site uses Cloud CDN Technology to broadcast live TV transmis
globe with real-time image compression, allowing viewers with slow connection t
TV. (www.theislamictv.com)

Manarat Dhaka International College

Developed customized Web Portal for the college of the future, includes state
sections, including online admission process, result publication, payments, and onlin
student communications. (www.manaratcollege.org)

Hanif Spinning Mills Ltd

Developed Customized ERP for Hanif Textiles including Financial Accountin
Chain and Distribution Management, Time Attendance, Inventory Management, L/C (Import & E