



GPACTM software

>>> Company Profile



Generation-Next IT Solution Ltd.

Web site: www.gnisbd.com

Company Name : **Generation-Next IT Solution Ltd.**
Year of establishment : 2005
Company Address : 345, DIT Road, East Rampura, Dhaka - 1219
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E-mail : info@gnisbd.com
Web : www.gnisbd.com
Legal Structure of the Company: Private Limited.
Product Brand Name : **GPAC™ software**

Contact Information

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Business Activities

- Customized Software development & Maintenance
- R&D Services
- Career development program (User Training)
- Web site design and development

Strength of manpower:

- **Total number of staff** : **17**
- Management :4
- Total number of Programmer :4
- Total number of DBA :1
- QA :1
- Marketing and others :7

About Us ❖❖ Mission ❖❖ Vision & Value

About us: Generation-Next IT Solution Ltd.(GNIS) was established in June 2005 with a view to provide Information Technology(IT)based solutions. GNIS is an one-stop total solution for IT-based operations. GNIS provides quick, efficient, and economical solutions to your back-office operations. GNIS has a stringent Quality Assurance (QA) program to ensure delivery of required quality products timely with cost-effective manner as per clients' desire. GNIS uses state-of-the-art software and hardware for all of its operations!

Generation-Next IT Solution Ltd. (GNIS) dressed with enthusiastic and dynamic team of professionals, engineers and IT specialists, providing various forms of Information Technology (IT) touched services. GNIS has been conducting projects in cutting-edge technology in the fields of data/file conversion, database software development, data management, data analyses and design, web designing etc. GNIS strives towards "Total Customer Satisfaction" through the continuous process of improvement of our IT products/services and processes by focusing on the enhancement of productivity and skills of the people, market awareness, and employing state of the art technology.

Mission: GNIS torching to lead in the various avenues of Software market, implement the novel ideas in project development and deliver cost effective and required solutions to its prospective clients.

* Partnering with various clients help in bringing fresh ideas into the firm ensuring our youths' motivation towards the innovation to help improving our quality standards accompanied with growth in the business productivity.

* Being a trustworthy and fair business partner.

* Maintaining and upgrading the quality of work and motivating people to constantly deliver work to client's satisfaction.

Vision: We believe in nothing but works like networking. We ensure an excellent relationship with our internal and external team; our employees and our clients. At GNIS, team building and close interaction transcends our potential to assist and improve our business productivity and growth. We meet our Customers and clients with full of satisfaction as an opportunity to express leadership and to deliver them our valuable services. Through expression of transparency and commitment towards our working team and work, we have successfully been able to create an excellent environment within the company.

Value: We cherish and look after our values and interactions with all our employees and clients. We have high regards for individual value which creates a transparent atmosphere ensuring outstanding teamwork and relationship. We promise to live up to our values.

Business Activities

- Customized Software development & Maintenance
- R&D Services
- Career development program (User Training)
- Web site design and development

Coverage of the Work

- Software Development
- Web site design and development
- IT Consultancy
- R&D
- CDP - career development program (User Training)

Our values reflect in:

- Bonding relationship with clients
- Client Intimacy
- Confidentiality with respect to work and service
- Reflective atmosphere
- Integrity expressed
- Independent business objectives

Sales and Marketing Activities

- Government and National companies
- NGOs
- Micro Finance Organizations
- Textile/Garment/ Manufacturing companies
- Pharmaceuticals
- E-Commerce
- Education
- Real estate

GPAC Products and Solutions

- Accounting and Inventory
- MFiS - Micro Finance Information System (For Co-operative and NGO)
- HRM and Payroll management
- Point Of Sale (POS). On line and off line transaction facilities
- Real Estate Management
- Institute Management Software
- Hospital Management Software
- Library Management Software
- Archive Management Software
- Enterprise Resource Planning (ERP- Customized)

GPAC Accounting and Inventory

GPAC Accounting & Inventory Software that includes Accounts, Inventory, Sales, and Purchasing Management in one modular package. Whether you are a product based business that sells, warehouses or distributes goods, or a service based business that has inventory. Along with powerful inventory control features can be custom integrated accounting system that can save time and money for an expanding company.

Accounts Transaction entry: Chart of accounts, Ledger create, Receipt voucher, Payment Voucher, Journal Voucher, Contra Entry, Bank Reconciliation

Report : Voucher Print, Day book, Cash book, Bank Book, General Ledger, Sub Ledger, Bank Reconciliation, Cash flow, Receipt and payment, Trail Balance, Profit & Loss Accounts/Income Expenditure, Balance Sheet,

Purchase: Supplier list, Item list, Purchase order, Purchase Invoice, Payment Voucher, Purchase Register, Item wise purchase, purchase analysis, costing, Payables

Sales : Customer list, Item list, Sales order, Sales Invoice, Sales challan, cash sales, credit sales, Receipt Voucher, Sales Register, Item wise Sales, Sales analysis, Receivables

Inventory : Item group, Item list, Stock summary(Group & Item wise), Item ledger, Item wise transaction, sale Voucher report, Stock movement(Slow Moving or Fast moving or Zero Sales) , Stock minimum, Out of Stock, Item wise Profit/Loss

Manufacturing: Consumption, Finish goods, Manufacturing process, Batch wise issue, Batch wise finish goods, work in progress, processing cost etc.

Main Advantage of the Software : Three level Secure Database, Menu driven Database Backup, Restore facility, Facility to set up individual login for user/Data Entry operator and their privilege (Add, Edit, Delete), Facility to Export Reports in HTML, Word, and XLS format, Facility to prepare daily report, SMS Pull Service, Data Integration from Branch office to Head office.

GPAC MFIS (Micro Finance Information System)
version: 4.1.0**Feature of the GPAC MFIS Software****■ MIS**

- Branch Information
- Area Information
- Staff Information with picture & Signature
- Member Information with picture & signature
- Deposit Scheme
- Sub Deposit Scheme with customized interest rate and duration
- Loan Scheme with customized interest rate and duration
- Nominee Information
- Holiday information
- Dynamic yearly calendar
- Meeting schedule

■ MIS Reports

- Branch List
- Branch Wise Area List
- Staff List
- Drop Member List
- Active Member List
- Branch wise Member List
- Area Wise Member List
- Depositor List
- Loaned List
- Defaulter List

■ Deposit Transaction

- Deposit Receipt
- Deposit Payment
- Transfer A/C

■ Deposit Reports

- Deposit Register
- Daily Receipt & Payment Statement
- Member Personal Ledger
- Branch wise Deposit receipt and payment, area wise staff List
- Scheme wise (Like : Savings, MSP, FDR, Current A/C etc) Statement
- Scheme wise current balance
- Member wise current balance
- Scheme & member wise balance
- User entry statement
- Provision of interest
- and others report

■ Loan Transaction

- Create Loan scheme
- Loan Registration
- Loan Payment
- Loan Receipt
- Loan Schedule
- Schedule wise receipt

■ Loan Reports

- Loan Register
- Daily statement
- Loan Issue Statement
- Expire Loan
- Defaulter Statement
- Project wise Loan Disbursement Report
- Area wise Loan Disburse
- Loan Ledger
- Recovery Report
- Loan Payable Statement
- Loan schedule print
- Schedule wise Loan Receipt statement
- Up to date current dues and total dues
- Filed wise current dues and total dues
- Loan Analysis Report

Accounts Transaction

- Chart of Accounts
- Description of the account
- Opening Balance
- Debit Voucher
- Credit Voucher
- Journal Voucher
- Contra Voucher

■ Accounts Report

- Daily Transaction
- Daily Cash Position
- Bank Statement
- General Ledger
- Cash Flow
- Current Assets Statement
- Trail Balance
- Receipts and Payments
- Income & Expenditure Statement
- Balance Sheet

■ Stock & Stationary

- Supplier/vendor List
- Item/ Stationary list
- Purchase entry
- Issue entry
- Current Stock

■ Personal Management Information System

- Staff Information
- Academic information
- Appointment letter generate
- Staff Salary Information
- Leave Information
- Payroll Management
- Training Management

- Employee Performance evaluation
- Provident fund

*** All reports are date range*

■ **Administration**

- User create
- Backup & restore

Technology of the Software:

- ✓ Front end : MS Visual Basic .Net 2005
- ✓ Database : MS SQL Server 2000/2005/2008
- ✓ Report : Crystal Report

Main Advantage of the Software : Fully online software, Secure MS SQL Server Database, Menu driven Database Backup, Restore facility, Facility to set up individual login for user/Data Entry operator and their privilege (Add, Edit, Delete), Facility to Export Reports in HTML, Word, and XLS format, Facility to prepare daily report, SMS Pull Service, Data Integration from Branch office to Head office.

GPAC HRM and Payroll Management

GPAC on line HRM System allows you to use one or many Windows PCs to track and record your time and attendance, employee information. Your administration personnel can use one computer to generate all the reports you need to track your real costs and to forward onto your payroll departments. It completely replaces outdated time and attendance tracking systems and will save you time and money each and every week that you use it. With features built into the software to account for your complex payroll rules to be compliant with local overtime regulations it can eliminate the headaches that are encountered.

Module of the software:

- a. Personal Information Management (PIM)
- b. Recruitment
- c. Training Management
- d. Performance appraisal
- e. Leave & Attendance System
- f. Payroll & Compensation

Module wise features

Module : a. Personal Information Management (PIM)

1. Employee master Information,
2. Academic information,
3. Organization information,
4. Previous experiences,
5. Employee leave information,
6. Joining date,
7. Training information,
8. Pay structure information(on demand),
9. Passport details(on demand),
10. National ID card details(on demand),
11. Nominee details(on demand),
12. Complete Bank details,
13. Details to configure Organogram
14. MIS Report (Designation wise, Grade, Male & Female, Project, Branch, Region, Zone wise, PF wise and
15. Changes may come as per requirement

Module : b. Recruitment Management

1. Vacancy requisition for new requirement against left or retired employee etc.
2. Vacancy approval done by HR department
3. Single repository for applicant resumes and Information
4. Efficient resume search with save facility of search criteria
5. Interview evaluation with different interview status like on hold, rejected, and call for another interview, in process, and selected etc.
6. Exit interview with designation wise questions facility. Format can be prepared according to will of employee.
7. MIS Reports and
8. Changes may come as per requirement

Module : c. Employee Development or Training

- a. Define training program
- b. Assign faculty to training program
- c. Training calendar
- d. Application for training program
- e. Approval for training program
- f. Attendance for training program
- g. Evaluation of different training program
- h. Budget and expense for training program and
- i. MIS Reports and
- j. Changes may come as per requirement

Module : d. Performance appraisal

Performance parameters according to designations, defining planning periods, defining employee wise, immediate senior wise, Performance Review done at different levels, Performance Management linked with training and Pay Structure Revision. Monthly Activities, Daily Activities (on demand), Monthly, quarterly, four monthly, half yearly and yearly performance defining and reviews can be done, and also MIS report. And changes may come as per requirement

Module : e. Leave And Attendance Management

- a. Configure business rules for leave, attendance etc.
- b. Interface with any attendance machine (Bio-metrics, Punch Card, etc.....)
- c. Holiday and Weekly off management with employee facility
- d. Leave management with application and approval
- e. Advance leave application and approval
- f. Year end process for leave transfer
- g. Manual entry and corrections.
- h. Multiple approval of leave, advance leave etc. for HR department
- i. Attendance run and authorization for locking the monthly attendance
- j. MIS Reports (attendance reports, leave, advance leave, annual, monthly and daily attendance reports and other useful reports.)

Module : f. Payroll Management

- 1) Define pay elements
- 2) Define multipart formulas for pay elements
- 3) Design pay structure for employees
- 4) Assign pay structure to employees with different pay modes like Bank transfer, Cash, Cheque etc
- 5) Provident fund
- 6) Leave travel allowance (LTA)
- 7) Pay Group for different pay run
- 8) Leave encashment based on pay elements
- 9) Loans and advance with automated recovery feature.
- 10) Bonus feature for any pay elements

- 11) Professional tax with professional tax group based on different states
- 12) Labor Welfare Fund (LWF)
- 13) Gratuity
- 14) Pay slip message
- 15) Pay run and authorization for locking the payroll for particular month
- 16) Pay adjustment for particular month with addition, subtraction, replacing and assigning new elements for any employee
- 17) Check list for errors and warnings generated during pay run.
- 18) Stop payment and release payment feature
- 19) Pay structure revision and authorization for confirmation.
- 20) Bonus calculation and authorization with separate pay slip feature
- 21) Full and final settlement procedure
- 22) Reimbursement calculation and authorization based on bill submission and special reimbursement slip generation as well.
- 23) TDS (Tax deducted at source) management for tax calculation.
- 24) Changes may come as per requirement

Organization Change

- a. Employee transfer
- b. Employee resignation
- c. Employee termination
- d. Employee promotion
- e. Employee reporting structure change
- f. MIS reports and
- g. Changes may come as per requirement

Letter Generation

- a. Define templates for HR letters
- b. Generate HR letter from templates

MIS Reports

1. Provident fund monthly reports
2. Income tax report
3. Monthly pay statement with payment mode like Bank transfer, Cash, Cheque etc.
4. Salary Register with Employee wise and department wise
5. Monthly variance reports
6. Register for bonus, over time, leave encashment, gratuity, GLWF, loan, advance etc.
7. Monthly statements for bonus, leave encashment, GLWF, gratuity, loan, advance etc.
8. Monthly pay slip for regular payroll, reimbursements, off- cycle payroll, bonus etc.
10. Annual pay summary report
11. Full and final settlement report
12. Pay structure revision and comparison reports.
13. Changes may come as per requirement

GPAC POS (Point of sale)

GPAC Point of sale (POS) is a point of sale and inventory control system software. It keeps track of all your Sales, Customers, Inventory, Purchase and more. It's got all the features you'll need to manage your retail business packaged in an easy to use and intuitive design. POS software designed with easy to use in mind, our full-featured Point of Sale systems for retailers makes it easier in controlling inventory and managing customers. We provide Point of Sale solution, including Positive Software for General Retail, Restaurants, Chain Shop, Super Shop, and Shopping Mall etc .

Basic Feature: Accounts, Inventory, Sale, and Purchase module are fully integrated, Barcode based POS for fast billing, Customer bill (mushok 11ko), VAT statement(NBR format), Sale & Purchase Register(NBR format), Easy user interface, Real-time view of inventory, Itemize sales person commission to increase efficiency of sales staff, Chain & Franchisee Management, Warehouse management, Outlet to ware house real-time data up transaction, Secure MS SQL server database, On-line facilities, Multiple outlet creation option.

GPAC Hospital Management Software

GPAC HMS system provides the benefits of streamlining of operations, enhanced administration and control, improved response, cost control and improved profitability. GPAC can be easily customized to the requirements of any hospital.

Generation. Next IT Solution is developing an integrated Hospital Management System (HMS), which addresses all the major functional areas of modern multi-specialty hospitals. GPAC HMS enables better patient care, patient safety, efficiency and reduced costs. It provides easy access to critical information there by enabling the management to take better decisions on time.

Features of GPAC Hospital Management System

- GPAC HMS is a fully integrated online system.
- GPAC HMS Supports Multi Location implementation wherein the hospital has Outdoor patient, Indoor patient and other services in many physical locations.
- Doctors can view their daily appointment schedules for any.
- GPAC HMS is highly secure and flexible. It allows the administrator to configure different information access privileges for different individuals depending on their role in the Hospital.
- GPAC Hospital Management System provides the following reports and more at the click of button daily cash collections, patient turnover, billing and medical records related reports etc. Enabling management to take better decisions
- **Help Desk**
- **Registration**
- **Billing**
- **Outdoor patient Management**
- **Indoor patient Management**
- **Diagnostic Centre Management**
- **Pharmacy**
- **Inventory**
- **Accounts**
- **Administration**

Hospital Management System - Help desk

The Help Desk Module automates the day-to-day functions of the Front office management of a hospital. This module helps in assisting patient with accurate information and supports in handling patient related enquiries efficiently. This module having excellent features and advanced search facilities improves the quality of services rendered to the user. It provides for queries relating to the following:

Patient related enquiries

- Bed Allotment
- Admission Details
- Payment Details and
- Release Details

Hospital Management System - Registration

The Registration module is an integrated patient management system, which captures complete and relevant patient information. The system automates the patient administration functions to have better and efficient patient care process.

- Patient Registration Details
- Indoor patient and Outdoor patient Registration
- Doctors Schedule Summary
- Doctors Daily Schedule List
- Patient Visit History
- Patient Visit Slip
- And others

Hospital Management System - Billing

The Patient Billing module handles all types of billing for long-term care. This module facilitates cashier and billing operations for different categories of patients like Outdoor patient, Indoor patient and Referral. It provides automatic posting of charges related to different services like bed charges, lab tests conducted, medicines issued, consultants fee, food, beverage and telephone charges etc. The Billing Screens is used for Indoor patient and Outdoor patient Billing and Invoicing. Further more the charges for various services rendered can be recorded through service module and this can be used for billing purposes.

- Payment Modes / Details
- Patient Billing Details
- User-defined Billing cycles
- Automatic Room and Board charges
- Auto-generated Codes and Billing Criteria
- Provision for Pre-billing
- And others

Hospital Management System - Outdoor patient Management

The Outdoor patient module serves as an entry point to schedule an appointment with the Hospital Resident Doctor or Consultant Doctor for Medical Consultations and diagnosis. This module supports doctors to take better and timely consultation decisions by providing instant access to comprehensive patient information. Patient visits are divided into New, Follow-up and Review. This module also handles requests and results of laboratory tests and other examinations.

- Consultation Duty Roster
- Diagnosis Details
- Patients Appointments
- Daily / Weekly Schedule Summary
- Appointment Scheduling / Rescheduling Facility
- Outdoor patient Medical Observation Details
- Investigation / Treatment History
- Clinical Service Details
- And others

Hospital Management System - Indoor patient Management

The Indoor patient module is designed to take care of all the activities and functions pertaining to Indoor patient Management. This module automates the day-to-day administrative activities and provides instant access to other modules, which leads to a better patient care. It provides comprehensive data pertaining to Admission of Patients & Ward Management: Availability of beds, Estimation, Agreement preparation, Collection of advance, planned admission, Emergency admission and so on. The Indoor patient module also deals with Ward Management: Shifting from one ward to the other, Bed availability, Surgery, Administration of drugs, nursing notes, charge slip and so on.

- Admission Cost Estimation
- Admission Approval
- Admission Request
- Doctor Visit Details
- Medical Observation
- Medicine Information
- Release Notification Summary
- Expected Date and Time of Release
- And others

Hospital Management System - Pharmacy

Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy. The pharmacy module is equipped with bar coding facility, which makes the delivery of medical items to the patient more efficient. This module deals with the activities such as:

- Purchase order
- Pharmacy drug configuration
- Pharmacy stores configuration
- Drug issue to patients and billing
- Supplier information
- Maintenance of drug inventory
- Automatic reorder level setting
- Purchase Requisitions
- Purchase Order
- Maintenance of stock at different sub-stores
- Return of items nearing expiry
- Destruction of expired items
- Physical stock verification and adjustment
- Goods receipt
- Stock Transfer (inter store stock transfer)
- Stock Adjustment
- Stock in Hand reports

Diagnostic System Management

The Diagnostic module automates the investigation request and the process involved in delivering the results to the concerned department/doctor of the hospital. The Diagnostic module supports to perform various tests under the following disciplines: Biochemistry, Cytology, Hematology, Microbiology, Serology, Neurology and Radiology. Tests are grouped under various sections and sample type (specimen). Based on the request the user can input the sample and generate the sample number. Results can be entered based on the sample type either to one test or multiple tests. If the test result requires approval, the supervisor has to approve the result and it is made available to concerned doctors.

- Test Registration with Rate & Default Value
- Doctor/ Referred Information
- All type of Test Booking
- Test Result
- Cash Receive

Main Report:

Test Report with Default value & Rate , Department List , Accept Text, Patient History, Patient Test Report, Consultant Report, Referred Report, Test wise Patient Report , Total Cash Collection, Balance Amount, Cash Collection by Test, Summary of collection, And others Report.

Accounts Software:

Chart of Accounts , Description of the account, Opening Balance, Debit Voucher, Credit Voucher, Journal Voucher, Daily Transaction, Daily Cash Position, Bank Statement, General Ledger, Trial Balance, Receipts and Payments, Income & Expenditure Statement , Balance Sheet.

Inventory Management Software:

Item Group, Item Sub Group, Item List, Purchase Invoice, Issue Invoice , Stock purchase Statement, Daily issue Statement, Daily Stock Summary, Current Stock Valuation, Item Wise Stock, Item Wise Stock Valuation , And others report.

Main Advantage of the Software:

Can create your own tests with units and reference range , Can print reports on any stationery , Can set validations / formulas for each test , Can set optional values for each test, Can import X-ray/U-sound report from external programmers , Can write explanations with each test , Can set default (most common values) , Can print report on any type, size of stationery , Maintain profiles (group of test) , Maintain Doctors Directory , Maintain refer by doctors accounts , Maintain panel wise rates Maintain Collection centers , Maintain patient history.

GPAC Real Estate Management

Construction projects can quickly become very complex. There are many details such as project wise labor, supplier bill, consultancy charges and other expenditures. The Software allows you to quickly view the status of your projects cost and the ability to answer questions quickly with all the information just a few clicks away. GPAC ERP Software that includes Project wise accounts, inventory & Project Analysis in one modular package.

Accounts:

Chart of Accounts, Cash Receipt Voucher, Cash Payment Voucher, Bank Receipt Voucher, Bank Payment Voucher, Journal Voucher, Contra Entry, Bank Reconciliation, Daily Transaction, Daily Cash Position, Bank Statement, General Ledger, Subsidiary Ledger, Trail Balance, Receipt and Payment Report, Income & Expenditure, Balance Sheet.

Inventory:

Transaction Entry, Supplier/ contractor Information, Material Purchase, Material purchase/Issue Project wise, Material Stock statement, Suppliers/ Contractors wise Material Information, Payment requisitions to contractors, consultants, suppliers, miscellaneous expenses, and transporters Reports on Project Summary, Advance Statement, Contractor payments, Project Expenditure can be created; User can view the details by Purchase Department.

Project Management:

Project Information, Project Costing, Project wise Flat information, Flat costing, Sales Flat information, Client information, Project wise Receipt & Payment, Flat wise Receipt & Payment, Project wise dues Statement, Flat wise dues statement, And others customized report.

Administration:

New User Create with setup privilege, Database Automatic Backup System, Database Restore Facilities.

Current project

ERP (Manufacturing Accounting, Inventory, LC, HRM, Production and planning)

Experience of Development Program

Operating Systems and Environments

Servers:

MS Windows 2000/2003/2008

Workstations:

MS Windows Vista/XP/7

MS .Net Framework 2.0/3.5

Programming Languages & tools:

MS Visual Studio.NET 2005/2008:

ASP.Net

MS Visual Basic

Java

Report : Crystal Report

Databases : Microsoft SQL Server 2000/2005/2008

Main Advantage of the GPAC Software : Secure MS SQL Server Database, Menu driven Database Backup & Restore facilities. Facilities to set up individual login for user/Data Entry operator and their privilege (Add, Edit, Delete). Facilities to Export Reports in HTML, Word, and XLS format, SMS Service, Data Integration from Branch office to Head office. On line and off line transaction facilities.

Client List. Please visit : www.gnisbd.com

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