

Powercomputers Telecommunication Limited

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Description

The project intends to automate various Educational Institutions Like Schools, Colleges, Universities and Study Centers etc. This System can be used for stand-alone institutions and also for group of Educational Institutions. It Speed up the systematic operations and amalgamate the activities of intra – related functions amongst Students, Staff and Faculty. Our focus is to make it simple to use, yet offer all the features that are expected from a state-of-the-art student information system.

Executive Summary

The Daiichi's Student Information System is a comprehensive student data management system for pre-kindergarten to grade 12 schools as well as Higher Institutions. It is completely integrated with the Library System and soon with any other system that is Student Information Facility compliant. Our focus is to make it simple to use, yet offer all the features that are expected from a state-of-the-art student information system. Daiichi's Student Information System is a comprehensive integrated centralized system based on the latest technology from Microsoft. It is fully integrated with Library Automation System, meaning librarian no longer have to worry about synchronizing the data from student information system to their library system.

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STUDENT MANAGEMENT INFORMATION SYSTEM

Following are the Generalized Modules covered for the said system:

1. INITIAL SETUP

- a. Administration
 - i. Application Setup
School Name, Details, Login / Password options, School Logos
 - ii. User Login Management
User Login Management - Creating / Deleting Users

- b. Academy Setup
 - i. Academic Configuration
 - ❖ Head of Subject
Assigning Head teacher as per the Subjects
 - ❖ Subject Assignment
Assigning Subjects as per the class / terms
 - ❖ Grade Configuration
Range of Grades, Marks range as per the Grade
 - ❖ Test Details
Exam / Test Details and passing range
 - ❖ Section Configuration
Class assignment as per required Section
 - ii. Grade
Grade types used
 - iii. Sessions
Session types used
 - iv. Sections
Section types used
 - v. Subjects
Subjects taught in school
 - vi. Streams
Total Stream in school
 - vii. Standard / Divisions
Standard / Divisions in school
 - viii. Subtypes – Divisions / Classes
Subtype of Divisions / Classes in school
 - ix. Terms
Types of Terms being used in school
 - x. Test types
Types of Tests / Exams being conducted in school

- c. Master Record
 - i. Attendance Types
Types of attendance as per student status
 - ii. Books Category
Types of Library books and its category

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- iii. Classes
Number of classes and its maximum capacity
 - iv. Countries
List of major Countries
 - v. Departments
List of Departments
 - vi. District
List of Districts
 - vii. Nationality
Nationality List
 - viii. Occupation
Occupation List
 - ix. Regions
List of regions
 - x. Religions / Cast
List of Religions / Cast
 - xi. School List
List of Major Schools
 - xii. Staff Leave Type
Leave types
 - xiii. Working Days
List of working days
 - xiv. Holiday Master
List of holiday during the academic year for prior circulation
- d. Student Details
- i. Student Record Details
Student details entry, Medical information, Previous and current school academic details, conduct and performance remarks
 - ii. Working Timetable
School's working timetable schedule
- e. Staff Details
- i. Staff Record Details
Employee details entry, Medical, Leave allowed, qualification, skills and experience details
 - ii. Teacher's Timetable
Teachers classes and courses conduction with timetable format
- f. Library
- i. Suppliers
List of suppliers, company details and information Books Purchase
 - ii. Books Purchased
Actual inwards of books for library / Stock adjustment
 - iii. Books Sales
Selling of Library books

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- iv. Library Fine Type
List of Fine and its category
- v. Fine Details
Fine Type or category and its associated fine

g. Accounts

- i. Category / Accounts Type
Types of Accounts
- ii. Currency Type
Types of Currency
- iii. Fees Type
Type of Payment terms, Installment types etc.
- iv. Fees Structure
Type of Fee Structure defined for the classes
- v. Link Batch with Fee Structure
Assign Batches which fees structure should they follow so as to track student
- vi. Installment Planner
Design Installment Plan to enable easy fees payment
- vii. Discount on Fees
Discounts given to a particular student as and when required
- viii. Expenses
List of expenses as they occur to keep track of regular school expenditure

2. TRANSACTION

- a. Daily Staff Attendance
Daily Employee – Teachers, staff members attendance
- b. Daily Student Attendance
Student daily attendance
- c. Academic Details
 - i. Define Batch / Class Register
Class Register / Student assigning as per class and schedule
 - ii. Promotion / Transfer
Student promotion or Transfer from one class / batch to another
 - iii. Test / Exam Results
Exam / Test details per class per student for grade analysis
 - iv. Online Exams / Test
 - ❖ Exam Entry – Exam Database Management
Class and Subject wise exam questions entry
 - ❖ Conduct online exam / Create Exam Papers
Conduct online exams / Print Test papers as per class and subjects
 - v. Student Activity Details
Student's extra curricular activities and cultural program details

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3. LIBRARY

- a. Stock Administration
 - i. Current Stock – Books Detail
Current available books in Library
 - ii. Purchase Order
Ordering Library books for candidates
- b. Books Issue
Issuing of Library books
- c. Books Return
Returning of Library books

4. ACCOUNTS

- a. Issue Receipts
Student receipt and payment detail records
- b. Pending Payments
Student's pending payment list – Summary and Detailed form of reports
- c. Total Collections
Fees, Library fine and books sales amount collection report

5. UTILITIES

- a. Backup / Restore Database
System Backup / Restore – Table Data and records
- b. Calculator
Calculator
- c. Notes
For penning down some notes and comments
- d. Event Viewer
User Log on information and module access list
- e. Reminder
Reminder pop-ups for important events
- f. Calendar
Display current academic year and months calendar
- g. Visitor's Catalog
School visitor's and information details

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- h. Web Logins
Students Web Logins, resetting of password for web enabled logins
- i. Upload to Web
Uploading student details to Web enable them to see their performance online

6. REPORTS

- a. School Reports
School information reports, students report class wise, Exam reports, Promoted students and Failure list of students, Leaving Certificate, Attendance, Candidate Performance...more...customized as per needs
- b. Library / Store Reports
Books Issued, Books Purchase, Books Returned, Maximum books used, Books in Library with individual books status, Curriculum books in stores, material purchased, material issued to students, Test score sheets, Student attendance, Staff attendance, Batch report ...more... customized as per needs ...more...customized as per needs
- c. Academic Query
Details about Yearly Academic reports of students, Transcript, Ranking, Graphical representation of performance and viewing candidate details as per classes, subject analysis throughout...and more ...
- d. Barcode Labels
Printing Barcode Labels for Library books to enable faster issuing and returning process of Library ... All as well as only selected codes to print in report...

7. HELP

- a. Application Tips
Startup tips on application usage
- b. Tutor / Operations Guide
Operation / Program details guide for study and usage
- c. About Developers
About software developers and company information

8. EXIT APPLICATION

- a. Log Off User
Log off current user and log on as a different user
- b. Quit
Quit application