

# Ciarpro Technologies



**iSchoolworks**

## Application Features

## 1. Introduction

iSchoolWorks, is an online education service portal developed by Ciarpro Technologies, that provides innovative productivity tools for schools and educational institutions. As part of our service offerings we provide solutions for web application development, website maintenance and e-Business consulting to many clients in the Education, Automobile, Healthcare and Transportation industry.

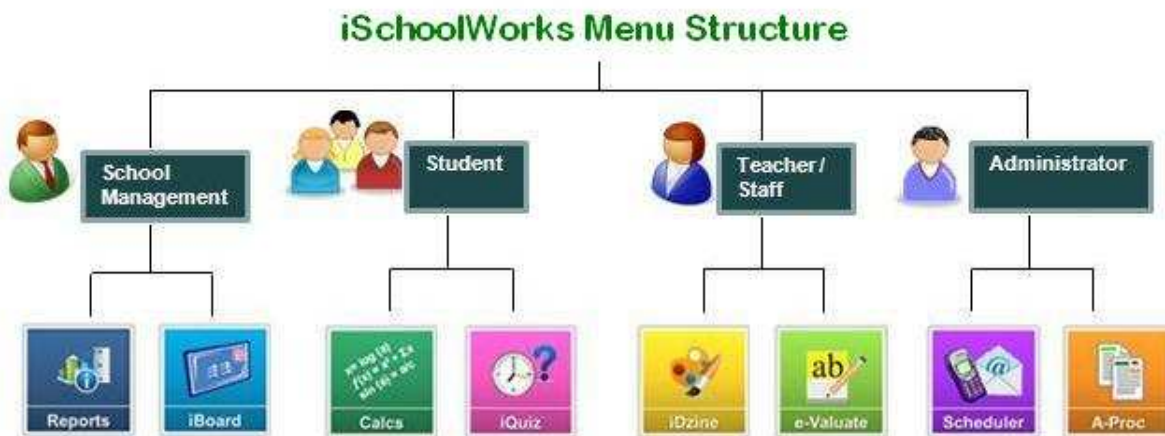
## 2. iSchoolWorks Product overview

We find that innovation in teaching and learning through internet based education has been a very successful model in many schools and academic institutions across the globe.

iSchoolWorks has a set of tools that constitute the application. The intention is to automate the process of various activities within the school using these productivity tools so that more time and attention can be given for teaching and learning.

### 2.1. Our product / Services

The ischoolworks application will be accessed by the School Authorities / Management, Teachers / Staff, students and Administrator. It covers end to end from school administration, activity management to students' performance management and SMS/email communication.



Each user can manage his / her activities through the application. For example e-evaluate and

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iDzine can be managed by a teacher / staff to assign activities to students as part of their learning process. Similarly, iBoard and Scheduler are tools used by the school administrator to update news & events to parents and students.

## 2.2. Application Modules

The following section describes the application modules that can be used by various stakeholders of the school .viz., school authorities, staff, teachers, students and parents.

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These will be created by the teachers as part of learning assignments. Teacher can then review the performance of the students participated in the various activities. Teacher can also submit reports on the performance to their management.

#### 2.3.1. Students Information System Module



This module will store and track all vital information about a student from the day of joining the school until the day of T.C, including the student's personal, medical, academic and extracurricular activities and details.

#### Features:

- The system will store vital information about a student( present and past) like Name, photograph, Date of Birth, Contact details, parents' information, photos of persons who are authorized to pick up a child, scan of report card at the end of the year and all other current information of the student,.
- Data of students join the school from its inception is maintained in the system for retrieval when necessary.
- Change of address, date on which the address was changed, etc can be tracked
- All medical checkup details done for a student can be uploaded with the students data for reference
- The teachers and Admin will have access to this system for keeping the information current

### 2.3.2. e-Valuate Module

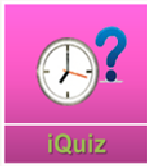


It is an online Test Engine. It is a tool to evaluate the subject knowledge of the students using simple exercises to reinforce their learning ability. The online exam / test help strengthening the academic learning to put into practice.

#### Features:

- Detailed / Graphical report about each students' performance
- Easy configurable quiz as per teacher / admin needs
- Provision for assigning re-test if a student does not the meet the expectation
- iQuiz has the ability to control more than 2000 concurrent users

### 2.3.3. iQuiz



It is an online Quiz. The users for this module are teachers and Students. Teacher / Admin will use the tool to conduct the quizzes and the students will participate in the quizzes. This is more applicable for K 3 - 5 level students. It will have options for select topics / subtopics and asks for clue to get the answer in virtual mode.

#### Features:

- Detailed / Graphical report about each students' performance
- Easy configurable quiz as per teacher / admin needs
- Provision for assigning re-test if a student does not the meet the expectation
- Once the teacher completed the quiz preparation activity, in Work mode student will look at their assignment and start work on that.
- System will provide the list of images / objects / symbols / words and phrases for the setup the Quiz. This will be available as a list from the menu for different categories
- The features of the modules:
  - Jumbled words
  - Jumbled Sentences

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- Matching Exercise

### 2.3.4. iDzine Module



It is a tool that helps students to design Worksheets, greeting cards, invitations and flyers using available clipart. One of the important productivity tools that most of the schools require.

#### Features:

- Can design simple labels and tools with which we can communicate information for variety of purposes
- Tailor-made configuration while creating quiz as per teacher / admin needs
- Designs can be created quickly using predefined templates

### 2.3.5. Calcs Module



Is a tool which deals with mathematical / scientific formulas, standard conversion of basic measurements that can be used by the students / teachers for any references while doing their activities

#### Features:

- Pictorial representation of formula which can be easily understood by all levels of students
- Students can try with work the variety of standard conversion functions
- Calculators to provide useful mathematical / scientific formulas



### 2.3.6. Students Report Card

Tool help teachers to create the performance report card for each student of the class and provides reports that vary from a simple listing to a complete analysis.

#### Features:

- The student's performance report will be accessible at any point in time by the school Authorities
- Tool will provide performance data in the form of chart / graphs
- A cumulative report can be mailed to parents.
- On log in into the system parents can view their child's/wards report card.

### 2.3.7. A-Process



It is an application process engine helps management to streamline various selection processes for Schools. Administrator can define and setup the application form.

#### Features:

- **Students Admission:** Parents can make online payment and get the prospectus/ application form instantaneously
- **Staff recruitment:** Prospective candidates can apply for a suitable post online. Shortlisted candidates can be administered an online test to find suitability before calling for a demo/interview
- **Vendor / suppliers selection:** Used to validate tenders for goods / equipments and shortlist suppliers

In all scenario, a confirmation e-mail / SMS will be sent for completed stage of the process

### 2.3.8. Scheduler Module

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This is an application to provide effective communication to stakeholders' viz., staff, teachers, parents / students by giving periodic updates about the school activities. There is an option to provide the details through SMS / email also.

### Features:

- Communication can be of type email / SMS
- SMS communication can be scheduled / instant
- Used for meeting reminders, news update, exam results, fee reminders, student absent alerts as well as any new requirement
- Administrator can view the calendar event on a date and can reschedule the event

### 2.3.9. iBoard Module



It is a dashboard which helps the management to flash the latest news / events to the whole school in a easy manner. Admin can provide info on the Events, lesson plans, Exams schedule specific to the school.

### Features:

- Teacher can prepare separate notice board to the classes they are associated with
- It acts as a intranet within the school
- Annual day, Sports day event photos & pictures can be displayed
- It is a notice board for Events and festivals

### 2.3.10. Reports Module



This is a tool for management to make quick decisions on the reports. Basically it is a tool where school Authorities can generate reports according to their needs.

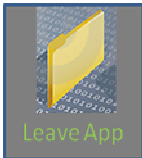
### Features:

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- The reports like Quiz statistics reports, students / staff information and assignment reports
- facility to track all information (course, topics, assessment results and performance report)

### 2.3.11. Leave Application Module for students and staff

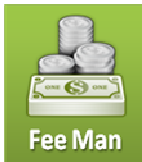


It's a tool for parents to apply for leave online. Parents save their valuable time and paper by applying leave for their children. The tool replaces the manual leave processing system for schools.

#### Features:

- It is a simple application to process leave applications
- Automatic message to applicant when leave is denied by the approving authority
- Staff / parents can use this module

### 2.3.12. Fee Management Module



It is an application to enable payment of various types of fee online. Available in version 2.0.

#### Features:

- Payment gateway can be integrated with Pay Pal / India Money
- After successful payment, fee receipt # will be generated and sent to the Parents
- Payment can be made through Debit card / credit card / Net banking
- For those wish to make cash payment, they can make payment at the school and collect hard copy of the receipt. Here the staff will use the same application



### 2.3.13. RFID based Attendance Tracking



It is a complete automated application to keep track of the attendance system using RFID technology. The absentee notification can be sent to the concerned authorities as an SMS after the cut-off time. *This module is available in version 2.0.*

#### Features:

- RFID tags will be scanned at the entry point of the school for staff and students
- The information registered for all students and staff will be updated instantly
- SMS/ email notification to the concerned authorities if absence / delay in reaching the school
- Movement of students / staff can also be tracked internally with in a specific distance range
- Anti theft detection of school assets / properties
- Can extend the Check-in / check-out to other areas of the campus like Library etc.,

### 2.3.14. Personal Information System Module



This is a module that helps Management and Administration to maintain in a simple and easy manner the history of existing and past employee

#### Features:

- The system will store and retrieve vital information about an employee like Name, photograph, Date of Birth, present salary drawn and all other current information of the employee
- The system has facility to store the Performance appraisal form of the employee, Resume and any other information of a lengthy nature.
- Reports of various kinds can be taken for the use of management. Example: Reports include Admin/Teaching staff strength in the year 2009-10, List of resigned employees etc
- This module can be used to retrieve information about the staff. For example, a receptionist or an Admin Manager will be able to view the phone no and email id of any employee while HR manager and Correspondent will have access to all the details of an employee

## 2.3.15. Library Management System (LMS)



An integrated Library management system that helps librarian and Admin staff to organize and handle library management processes for Schools. Administrator can define and setup books, Journals, magazines catalog, create new users, define members, preferences and system configurations for the LMS application.

### Features:

1. Books Entry (Books, Journal, CDs/ DVDs)
2. Book Catalog Search
3. Members / Borrowers Registration
4. **System configurator to define various options like:**
  - a. Number of books allowed per member
  - b. Due date for the book
  - c. Penalty amount per day if not return the item on time
5. **Reports**
  - a. Due date reminder report, Members list, Book catalog and Books Issued report

## 3. Key Benefits

The benefits to the School management, teachers and students using this ischoolworks are immeasurable. Some of the key benefits are:

- Increased productivity for students, teachers and administration staff and helps complete the assignment efficiently and on time
- Advantage compared to investment on infrastructure Lab setup (Software, Hardware, tools) to host such services
- Easy for teachers, students and staff to understand and manage their activities as well as track students learning through assessment process by teachers
- No manpower required to manage the Information for these services. It will be managed centrally by the iSchoolWorks team
- Can benefit through the value added services like iBoard, Admission process, performance reporting, Scheduler (SMS communication) etc., that saves a lot of effort on managing curriculum activities

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- Saves time for teachers to prepare test, worksheet, quiz and student's performance Analysis. Toolsets to post information, news, update and schedule events by Administrator
- Automation of student Information system and Personnel Information system helps to get accurate up to date information for management and administrators
- Automation of assessment helps management get valuable statistics on the performance of students and it can be used as a performance improvement tool
- Students can do the worksheet assignment, take online notes, create designs, do sketches / charts etc.,