

# **School Management System**

## **Company name and address**

RFIC Technologies

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<http://www.rficdesign.com>

## **About the company**

The company is fully owned by Indians and registered in Bangalore India. It is working for innovative product using wireless technologies, office is in Bangalore India.

CEO: Suchitav Khadanga; [ceo@rficdesign.com](mailto:ceo@rficdesign.com)

## **About the Product: School Management System**

This is fully automated embedded system designed and developed in India. It includes school management software, rfid reader, rfid card. It will make the school management work simpler, easier. The school management can record the attendance of students and employees in computer, so lots of savings in paper work and maintaining large number of attendance registers. The management can print report card, identity card easily. The financial section will record and track the complete payment of students. On the security side the parents will get sms “ dad/mom I am at school” dad/mom I am leaving the school “ during student entry and exit to the school. Go through next few pages for specification and features of school management system.

School Management System

School Management System **RFIC TECHNOLOGIES**

Main | Student Registration | Employee Registration | Attendance Reports | Messaging | Fees Payment | Report Card | Archive | Admin | Help | About

**Welcome! Please show your card**

Name	Entry	Exit

Date :1-1-2014

Student / Teacher:

Entry Time:

Exit Time:

Address:

Notify Email:

Notify Phone:

Start Reader Stop Reader

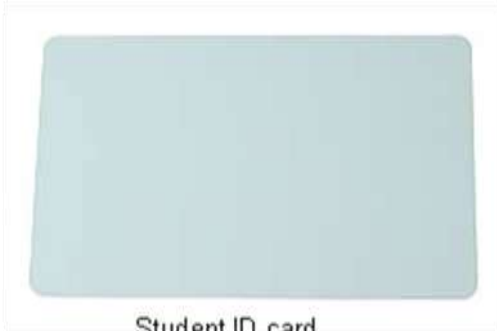
Timesheet Editor

Identification No.  Date 01-01-2014  Get

Entry

Exit  Save

Error window ( for admins)



Student ID card



Attendance Recorder

## FEATURES

### **attendance automation**

- Principal will get report of attendance of students and staffs every day through email or sms
- The report can be viewed over internet web address anywhere.
- Students and employees need to swipe the identity card near reader
- A multipurpose application for student and teacher attendance.

### **Security**

- Parents of students will receive sms for each entry and exit for the school
- Gps enabled reader option for exact location of school vehicle ( under development)

### **Students ID card**

- Students badge print on the card
- More than 100000 user data per day save in the computer

### **Warranty**

- 1 year replacement for reader and card on manufacturing defects.

### **support**

- Manager will be available for the installation and working of the school management system 24 hours for the initial days till the system functions properly.
- Will send support engineer to your school if required
- dedicated support engineer available over phone/ internet during school hours
- dedicated e-mail for the school for non school timings
- will provide web address in our web site if the school need free for 1 year
  - like <http://www.rficdesign.com/school/schoolname/student-attendance.htm>

## Requirement

1. Any computer with windows operating system
2. Compatible-windows8, windows7, win xp
3. Uses windows components
4. USB powered-connect to USB port of computer
5. Need normal internet connection to send sms, email and upload to server
6. Easy to install and use

## Attendance Recorder specification



Frequency	13.56MHz
Protocol	ISO 14443 TYPE A
Supported cards	All mifare cards
Typical time to read and write cards	<100ms
Reading distance	10cm
Power supply	Self powered through USB
Communications Interface	USB Interface
baud rate	4800 - 115200 bps

Dimensions	110mm x 83mm x 24mm
Weight	90g

### Card specification



This is used for employee identity card / students id card, this is blank card with small antenna inside, user can print school logo, students name address both sides.

Operating Frequency:	13.56 MHz. (HF-High Frequency).
Capacity:	1 Kbyte EEPROM
Common Usage	Attendance Ticketing, Contactless smart card
Tested Read Range:	10 cm
Size:	86 x 54x 0.8 mm- credit card size
Material:	Heavy duty PVC plastic
Color:	White
Weight:	5g
Operating	Waterproof and dustproof

**Additional Features:**

1. You can configure to get e-mail for employees attendance , so track your employees wherever you are. it will be saved in specified folder on computer also.
2. Provision for notifying Parents / Guardians through SMS, Email about arrival / departure of the child.
3. Reporting features including daily, weekly, monthly attendance reports for students and Teachers / employees in excel format for admin purpose.
4. Has option to schedule the automatic report generation.
5. Option to send reports by mail to supervisors / admin.
6. SMS can be sent notifying absentees to supervisors / admin.
7. All the reports can be uploaded to any central ftp location.
8. Option to archive the old data that is available as Excel file.
9. Accurate student attendance.
10. Plug and play system
11. Web based interface, can be monitored from anywhere from world.
12. Daily absentee report.
13. Daily attendances register.
14. Monthly attendances register.
15. Yearly attendances register.
16. Staff attendance system.
17. Less administration work.
18. Very easy to operate, no need of skilled or professionals.
19. Customized report.
20. Real-time Student Entry screen.
21. Online Remote support.
22. Student card will work for more than 10 years
23. Reader will work for more than 5 years
24. USB interface , no external power required
25. Reader-range : 10cm
26. Uses low frequency passive RFID no health issue

## SMS SEND TO EMPLOYEES OR STUDENTS SINGLE CLICK

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Main | Student Registration | Employee Registration | Attendance Reports | Messaging | Fees Payment | Report Card | Archive | Admin | Help | About

Customised Message for Students and Employees

Send to students  Send to employees

Standard  Department

Section

Message

Get failed sms Information Inform Parents

Name	Standard	Mobile Number

Send SMS Send Email

Error (for admins)

## REPORT CARD PRINT :

Print all the report card easily

The screenshot shows a web application window titled "School Management System" with the "RFIC TECHNOLOGIES" logo. The navigation menu includes: Main, Student Registration, Employee Registration, Attendance Reports, Messaging, Fees Payment, Report Card (highlighted), Archive, Admin, Help, and About.

**Search Section:**

Search  
Student Id No.   
Year  (Example : 2014-2015)  
Exam   
Class Teacher

**Student Information:**

Student Name  Standard

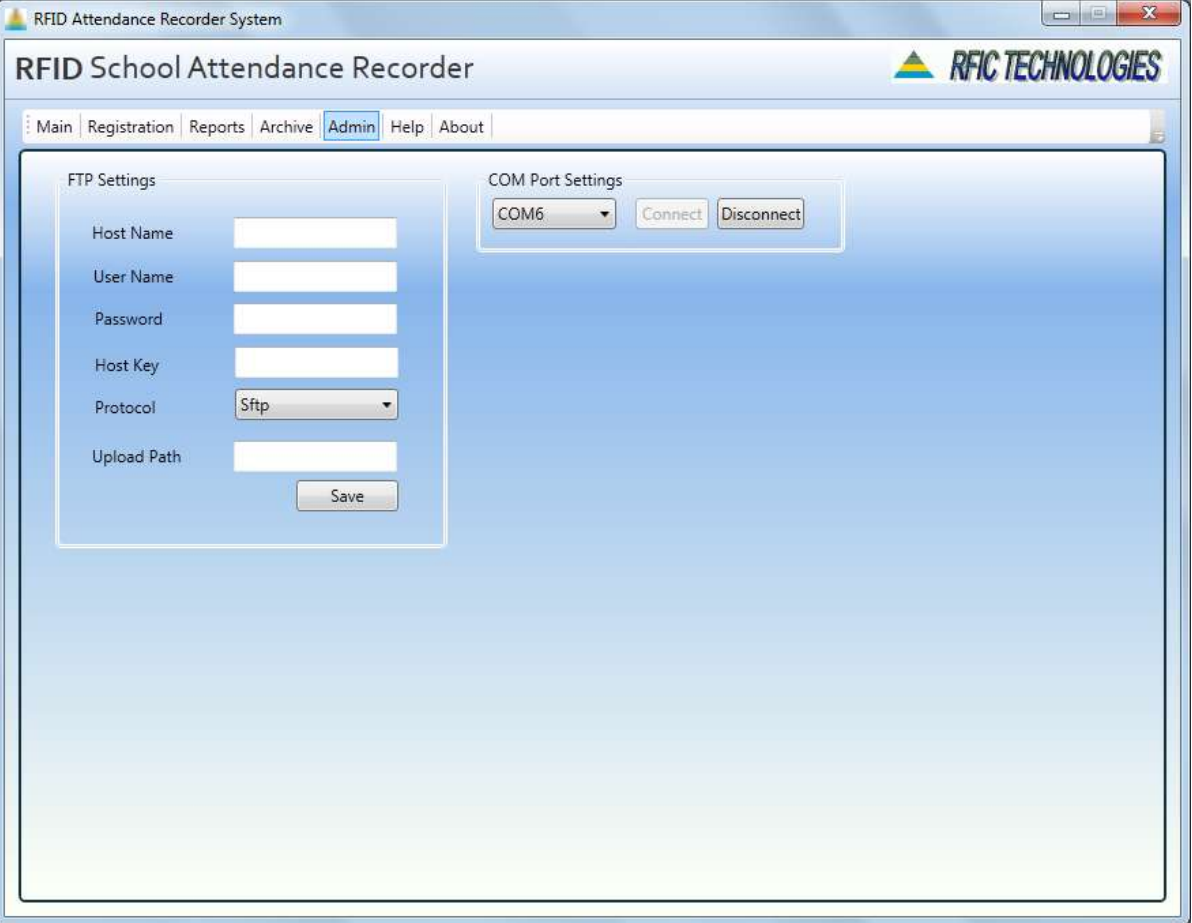
Subject	Max Marks	Min Mark	Mark Obtained	Remark
	0	0	0	

**Exam Time table:**

**Class Time table:**







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