



STUDENT MANAGEMENT SYSTEM



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1. INTRODUCTION

This project “Student Management System” provides us a simple interface for maintenance of student’s records. It can be used by educational institutes or colleges to maintain the records of students easily.

It aims to automate the traditional management system where the records are stored manually. It enables an organization to maintain records like student name, email, contact number, address and image digitally.

Digitalization of the system would also help in better visualization of the data to display the number of students. Its added features serve as an efficient upgrade and replacement over the traditional management system.

In case of manual system, they need a lot of time, manpower etc. Here almost all work is computerized. So, the accuracy is maintained. Maintaining backup is very easy. It can do within a few minutes. Our system has two types of accessing modes, administrator and authenticated user. Student management system is managed by an administrator. It is the job of the administrator to create new users and monitor the whole process. When a user logs in to the system. He/she would Add student records. He/she can also update and delete records.

2. SOFTWARE & HARDWARE REQUIREMENT

SOFTWARE REQUIREMENTS

1. **Operating System:** Windows 10/11 or Linux
2. **User Interface:** HTML, CSS, Bootstrap
3. **Client-side Scripting:** JavaScript
4. **Web Applications:** Django
5. **Database:** SQLITE
6. **Database Communication standard:** HTTPS
7. **Network server:** Localhost

HARDWARE REQUIREMENTS

1. **Processor:** I3 processor-based computer or higher
2. **Hard Disk:** 256GB or more
3. **RAM:** 3GB or more

 **SUPPORTING BROWSERS:** Google chrome/Mozilla

3. TECHNOLOGY

1. Django
2. SQLITE Database
3. JavaScript
4. Bootstrap

4. FEATURES

The Website provides following functionalities to the users:

♣ **Administrator:**

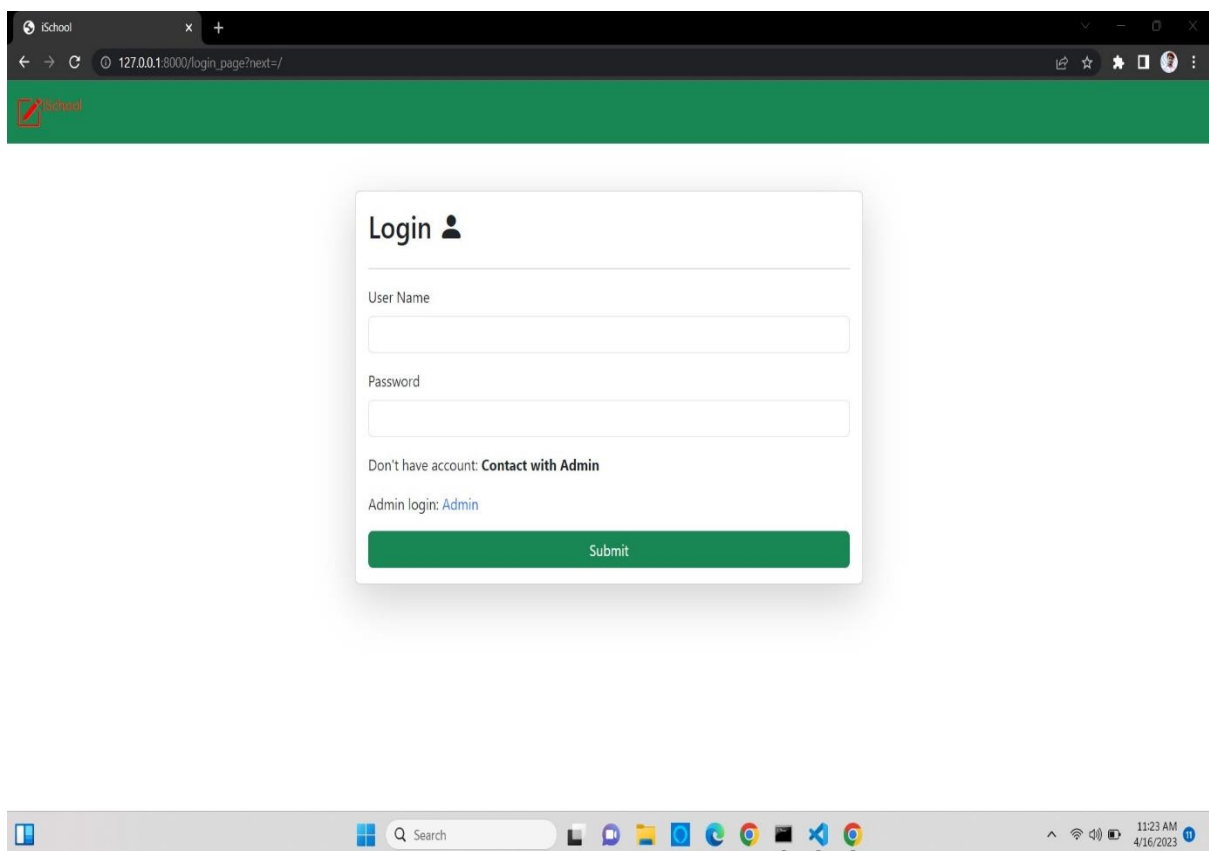
1. Login/Logout
2. Add new user to the system
3. Update users
4. delete users
5. Add student's records
6. Monitor the whole process

♣ **Employee:**

1. Login/Logout
2. Add student's records
3. View student's records
4. Update student's records
5. Delete student's records
6. Search student's record

5 OUTPUT SCREEN

USER LOGIN



The screenshot displays a web browser window with the address bar showing the URL `127.0.0.1:8000/login_page?next=/`. The browser's address bar also shows the page title "iSchool". The page features a green header bar with the "iSchool" logo on the left. The main content area is white and contains a "Login" form. The form has a title "Login" with a user icon, followed by two input fields labeled "User Name" and "Password". Below these fields, there is a link that says "Don't have account: [Contact with Admin](#)". At the bottom of the form, it says "Admin login: [Admin](#)". A green "Submit" button is located at the bottom of the form. The Windows taskbar is visible at the bottom of the screen, showing the search bar, task view button, and several application icons. The system clock in the bottom right corner indicates the time is 11:23 AM on 4/16/2023.

Login

User Name

Password

Don't have account: [Contact with Admin](#)

Admin login: [Admin](#)

Submit

HOME:

iSchool

Home Dashboard

logout

Welcome: Vikash kumar

Add Student

First name

Last name

Email

Contact number

Address

About

11:25 AM 4/16/2023

iSchool

Home Dashboard

logout

Welcome: Vikash kumar

Add Student

First name

Last name

Email

Contact number

Address

About

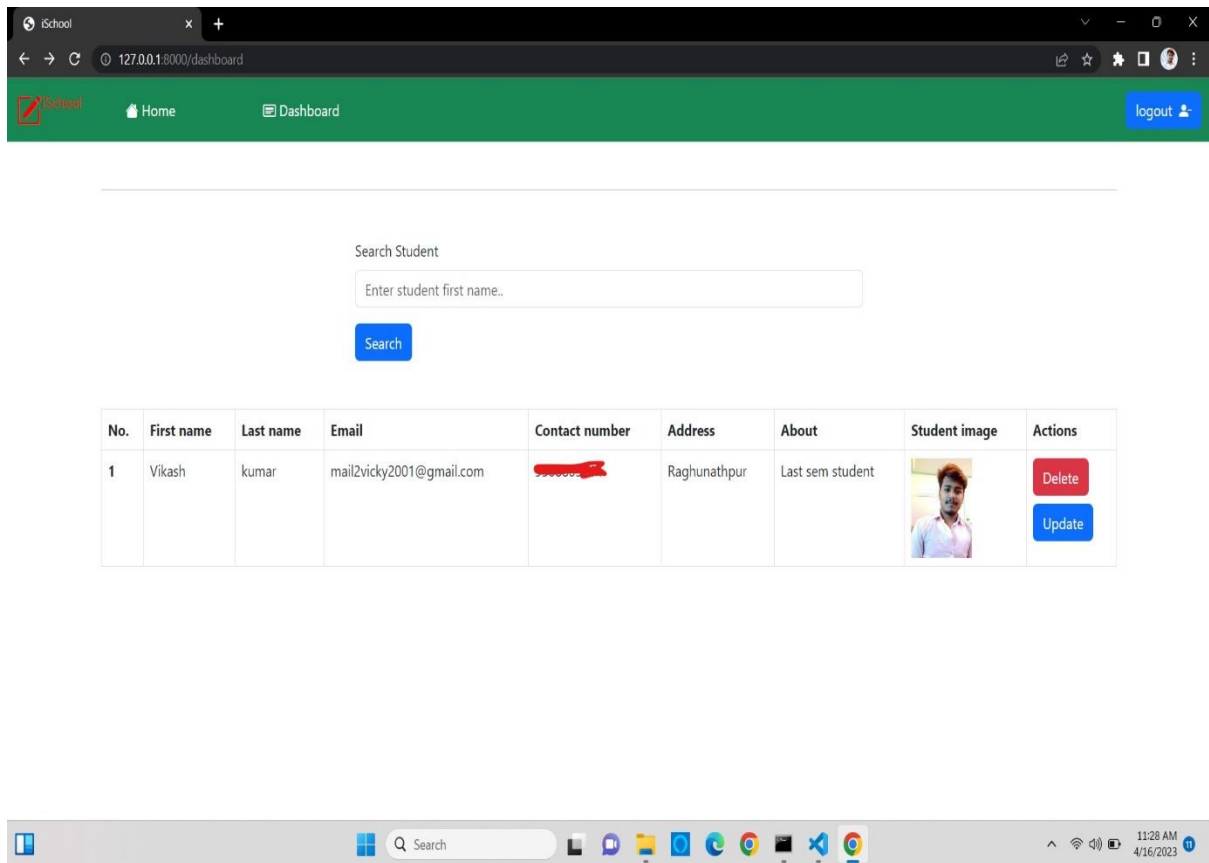
Student Image

Choose File No file chosen

Add Student

11:25 AM 4/16/2023

DASHBOARD:




The screenshot displays the iSchool Student Management System dashboard in a web browser. The browser's address bar shows the URL `127.0.0.1:8000/dashboard`. The dashboard has a green header with a 'logout' button. Below the header, there is a search section titled 'Search Student' with a text input field containing 'Enter student first name..' and a blue 'Search' button. The main content area features a table with student records. The table has columns for No., First name, Last name, Email, Contact number, Address, About, Student image, and Actions. One student record is visible: Vikash Kumar, with email mail2vicky2001@gmail.com and address Raghunathpur. The 'Contact number' field is redacted with a red scribble. The 'Actions' column for this record contains 'Delete' and 'Update' buttons. The Windows taskbar at the bottom shows the time as 11:28 AM on 4/16/2023.

Search Student

Enter student first name..

Search

No.	First name	Last name	Email	Contact number	Address	About	Student image	Actions
1	Vikash	kumar	mail2vicky2001@gmail.com	9999999999	Raghunathpur	Last sem student		<button>Delete</button> <button>Update</button>

UPDATE:

Update Student

First name
Vikash

Last name
kumar

Email
mail2vicky2001@gmail.com

Contact number

Address
Raghunathpur

About
Last sem student

logout

Update Student

First name
Vikash

Last name
kumar

Email
mail2vicky2001@gmail.com

Contact number

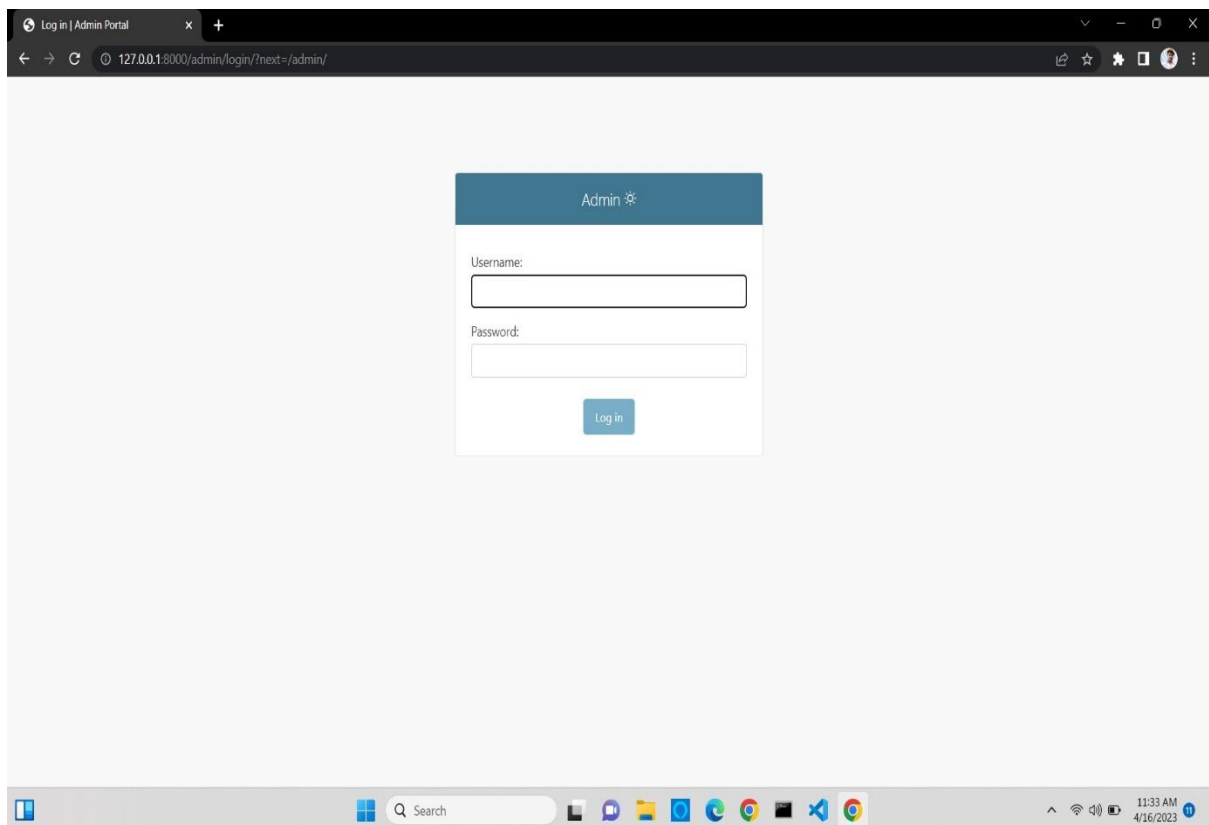
Address
Raghunathpur

About
Last sem student

Student Image
Choose File No file chosen

Update Student

ADMIN LOGIN:



The screenshot shows a web browser window with the title "Log in | Admin Portal". The address bar displays the URL "127.0.0.1:8000/admin/login/?next=/admin/". The main content area features a login form titled "Admin" with a blue header bar. The form includes two input fields: "Username:" and "Password:". Below these fields is a blue "Log in" button. The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system clock in the bottom right corner indicates the time is 11:33 AM on 4/16/2023.

ADMIN:

