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

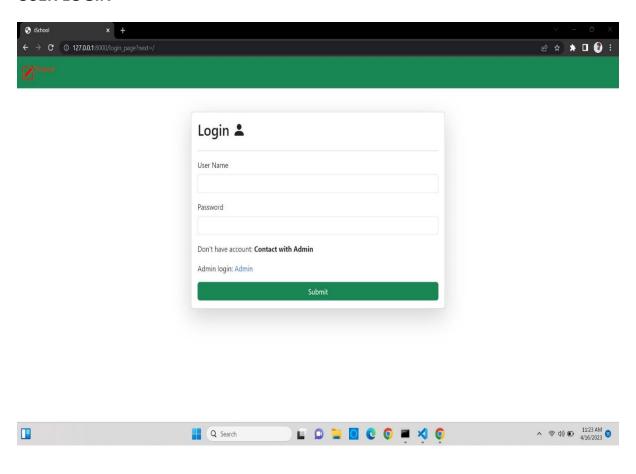The Website provides following functionalities to the users:

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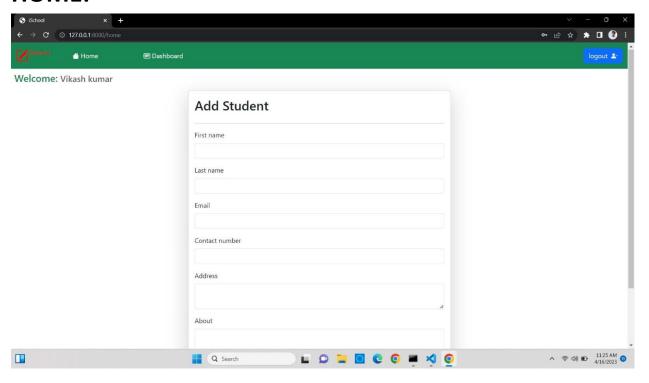5. Add student's records
6. Monitor the whole process

♣ **Employee:**
1. Login/Logout
2. Add student's records
3. View student's records
4. Update student's records
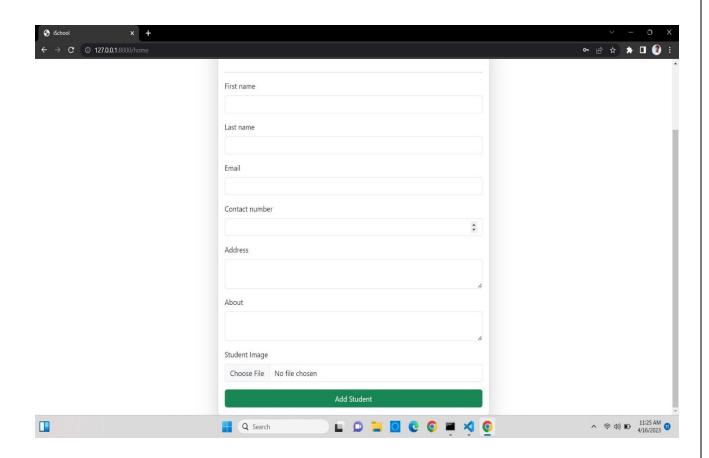5. Delete student's records
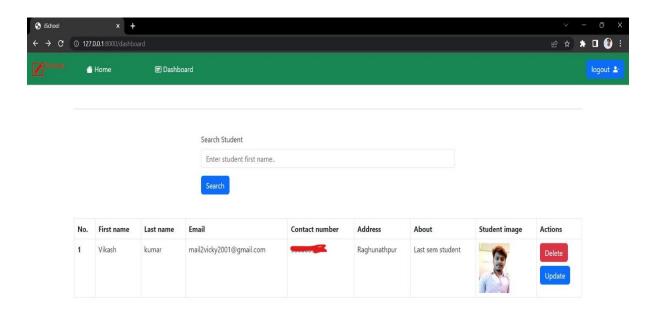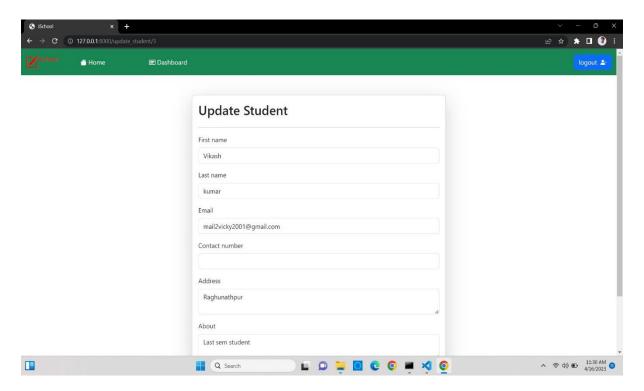6. Search student's record
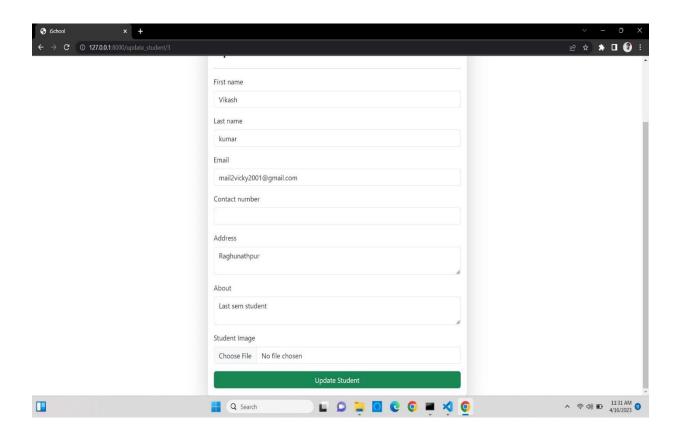
5 OUTPUT SCREEN

USER LOGIN

HOME:

DASHBOARD:

UPDATE:

ADMIN LOGIN:

ADMIN: