



Tuition Management System

User Manual

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North Western University, Khulna

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Tuition Management System User Manual

1. Introduction:

Tuition management system is a software where students find their private tutor and teachers find students for tuition.

This software is built in the Python language and uses Python Tkinter.

It helps both the students and teachers to find desirable tuition. In this software, students choose their teacher. After taking lessons, they can rate their teacher. So, other students can learn about a teacher before fixing for his private tutor.

We hope this software will help many students and teachers a lot to find their tuition.

2. Objectives

- Eliminate the difficulties to find a teacher and advertise as a teacher.
- Simplify search or find of teacher and student list.
- Review facilities to know the student and teacher better.
- Build Digital Tuition Management interface.
- Contain block system to block a user for bad reviews.
- Managing multiple users in their specific user profile.
- Finding private teacher facilities simply.
- Store student and teachers data to show or advertise others.

3. Entity Relationship Diagram

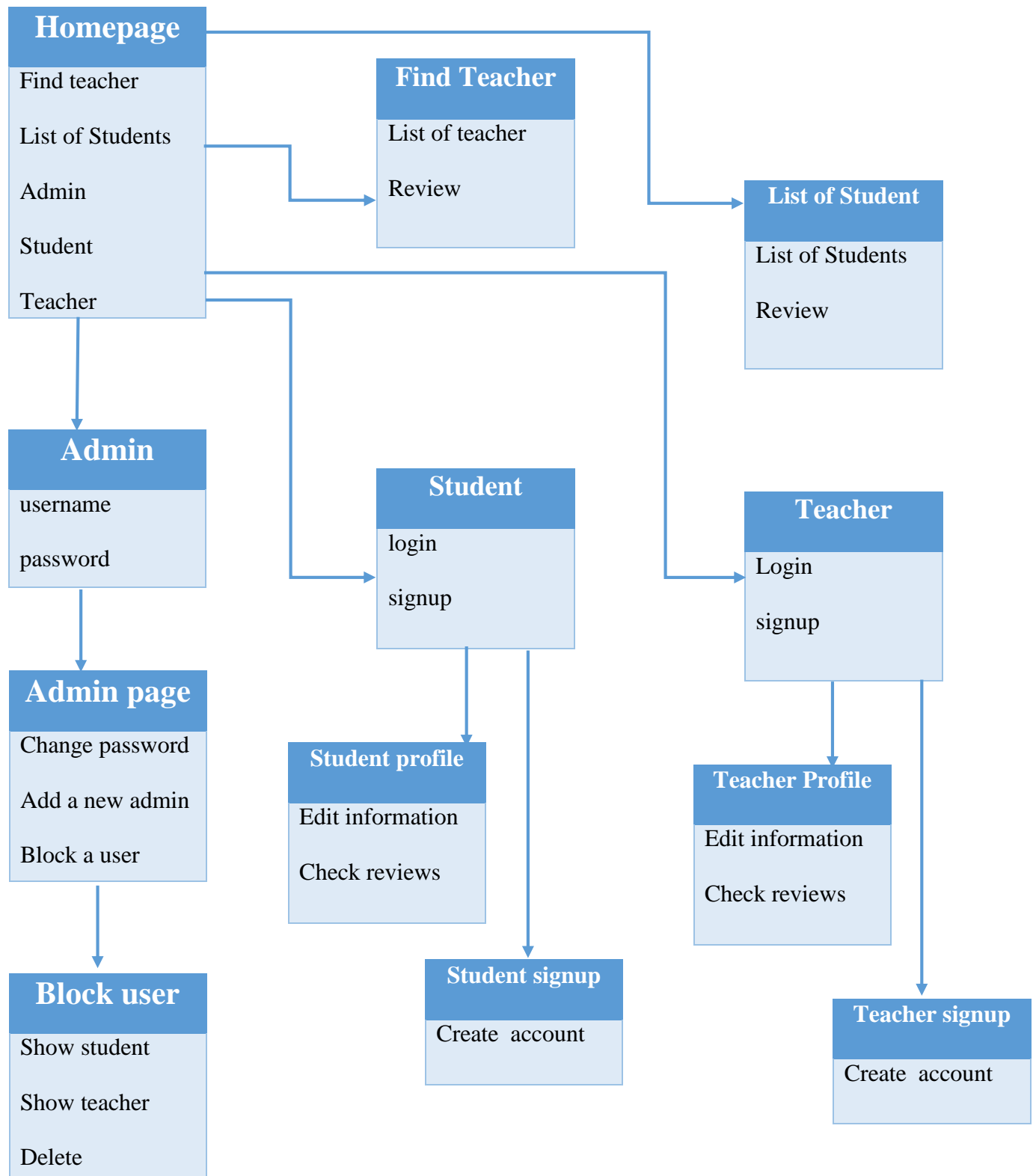
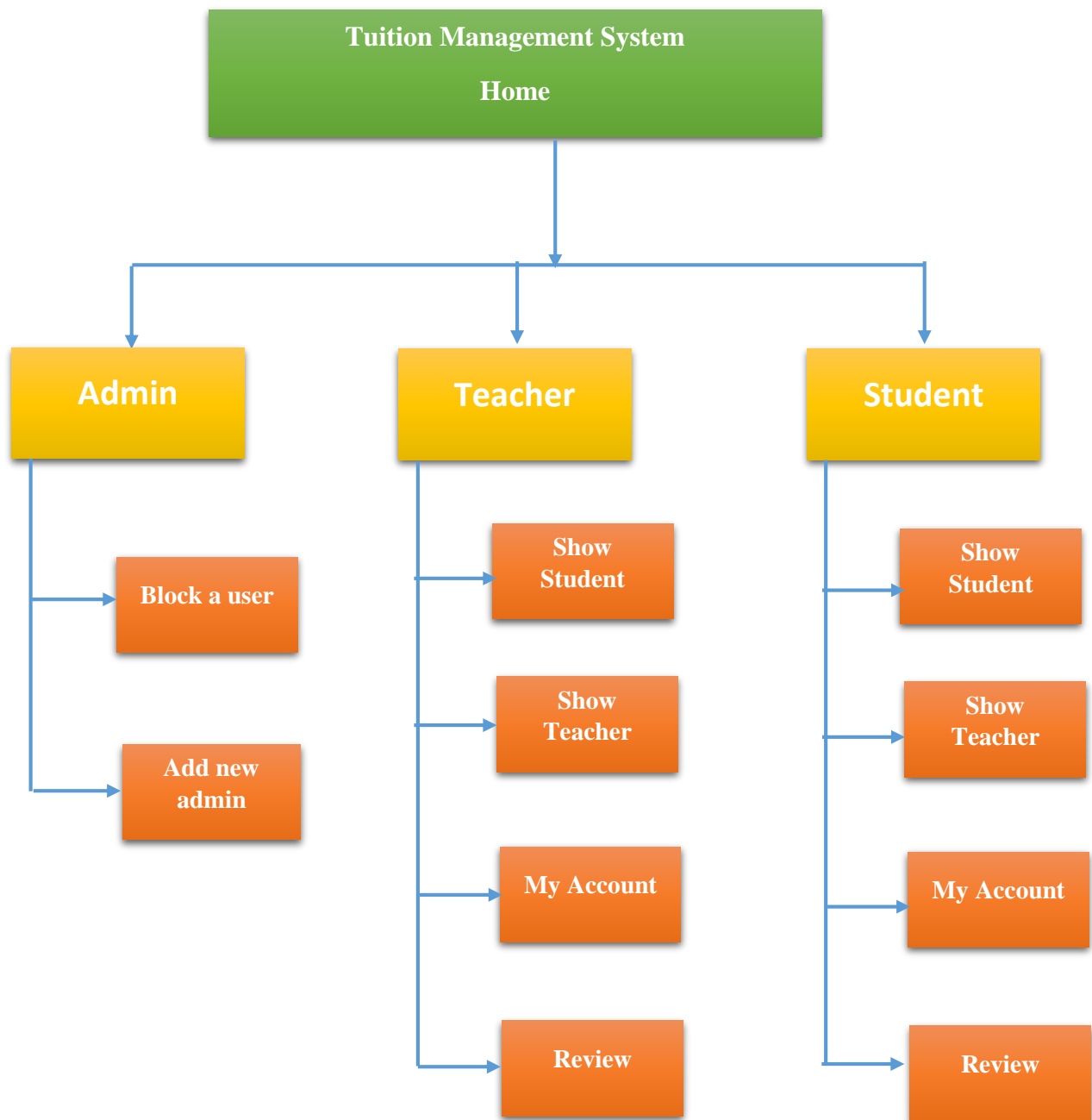


Figure: ER-Diagram of Tuition Management System

4. Site Tree

In the Tuition Management System, there are three characters. Admin, Teacher and Student. Each has a unique view and their own functionalities. A simple site tree can show what this character can view.



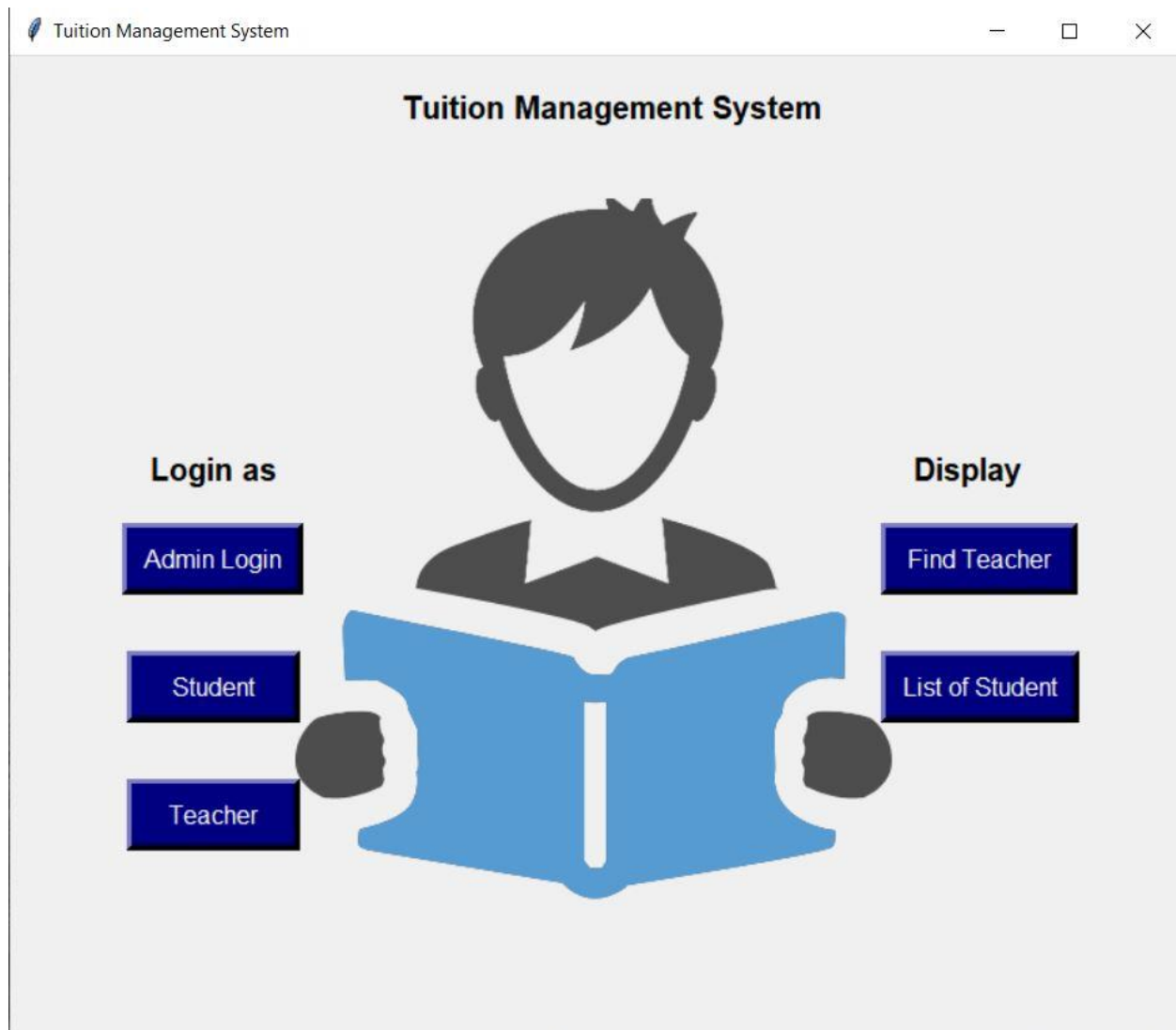
Here we can see each character has his own functions. Below all these functions are described according to their presence.

5. Description

Homepage

After run the software every user or admin can see the homepage.

Automation system as follow.



In this page, every user can go any option. If one can see student/teacher list then click student/teacher button. If want too login then click admin login or student or teacher button.

After clicking the **Find Teacher** button the user will view this following page.

The screenshot displays the 'Tuition Management System' window. On the left, there is a sidebar with three icons: a home icon, a back arrow, and a refresh icon. The main content area is titled 'Teacher List' and contains a table with the following data:

Full Name	Username	E-mail	Expected Salary	Address	Studies Information	Phone Number	Average Review
Rahmanul Islam	raihan_1	abcd@gmail.com	100000	Khulna	BSc in CSE	012345	No Review yet
Robert Downey Jr.	ironman	xyz@gmail.com	1000000	London	MSc in EEE	354564657	No Review yet

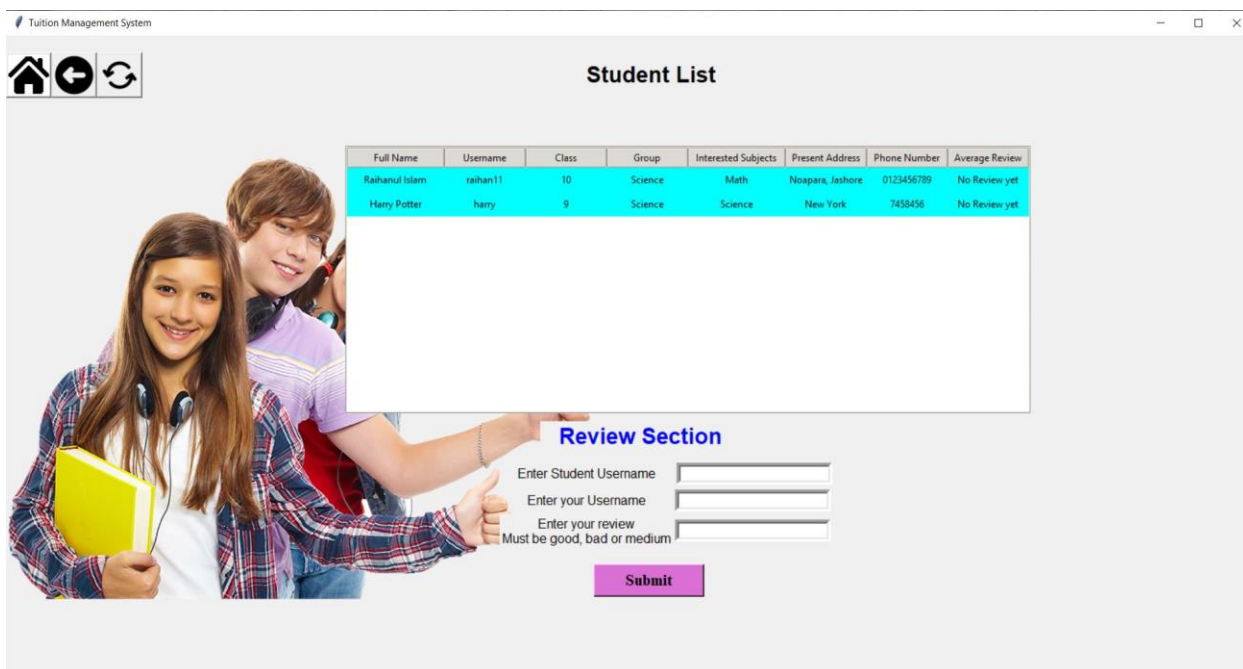
Below the table is a 'Review Section' with the following form elements:

- Enter Teacher Username:
- Input Your username:
- Enter your review:
- Must be good, bad or medium
-

The background of the review section features a green chalkboard with a teacher character pointing at it, a globe, and some books on a desk.

Here all users can see the teacher list of this system. Students can give a review in the **review** section but the student must be a registered user of this system otherwise can not review a teacher. Click on back button

After clicking the **List of Student** button from the home page the user will view this following page.



Student List

Full Name	Username	Class	Group	Interested Subjects	Present Address	Phone Number	Average Review
Rahmanul Islam	raihan11	10	Science	Math	Noapara, Jashore	0123456789	No Review yet
Harry Potter	harry	9	Science	Science	New York	7438436	No Review yet

Review Section

Enter Student Username

Enter your Username

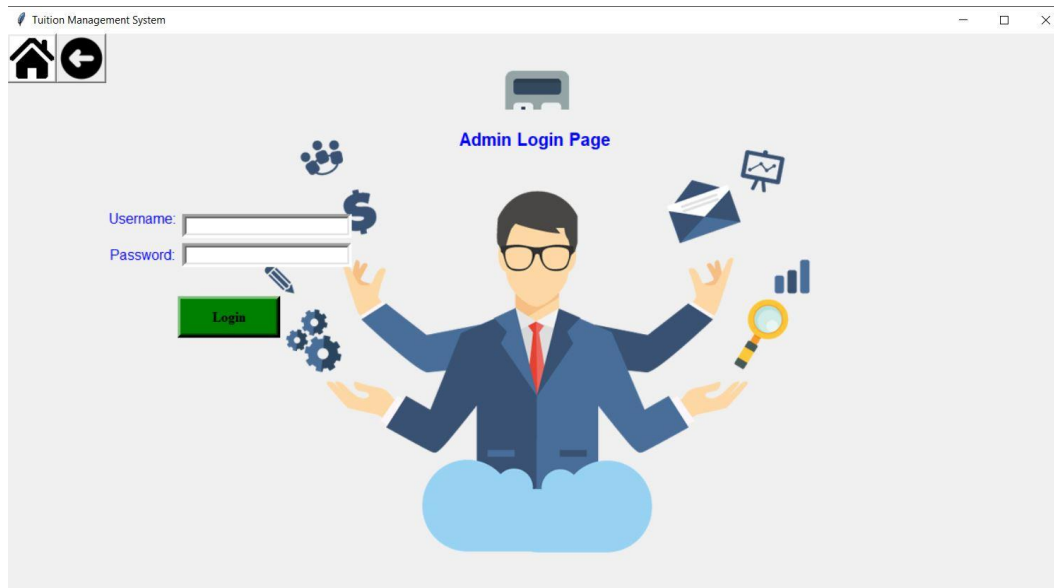
Enter your review

Must be good, bad or medium

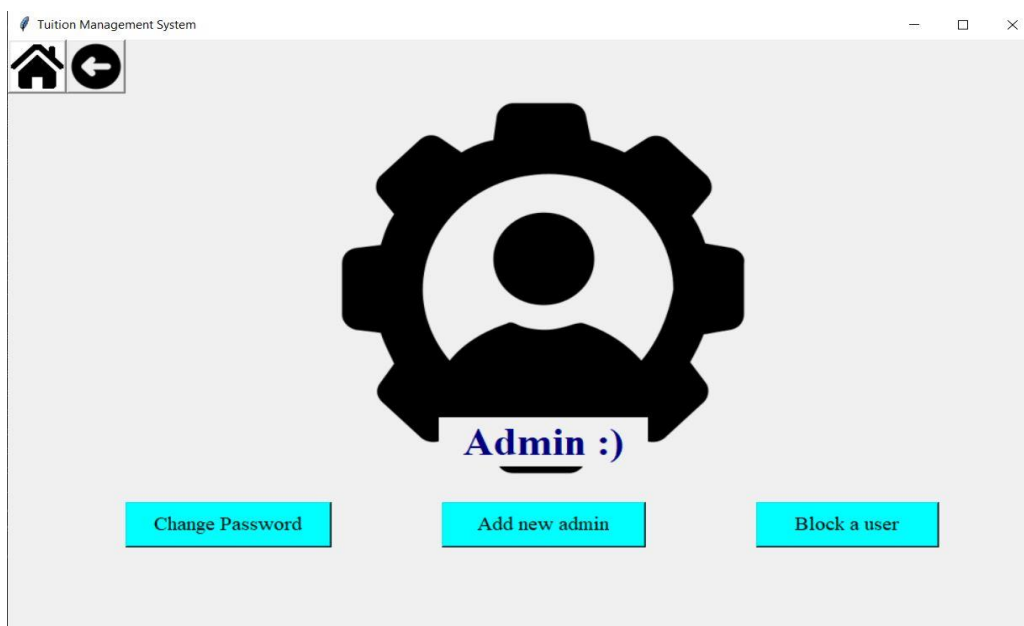
Submit

Here all users can see the student list of this system. Teacher can give a review in the **review** section but the teacher must be a registered user of this system otherwise can not review a student. Click on back button

After clicking the **Admin** button from the home page the user will view this following page.



Here a admin enter username and password to go the following page:

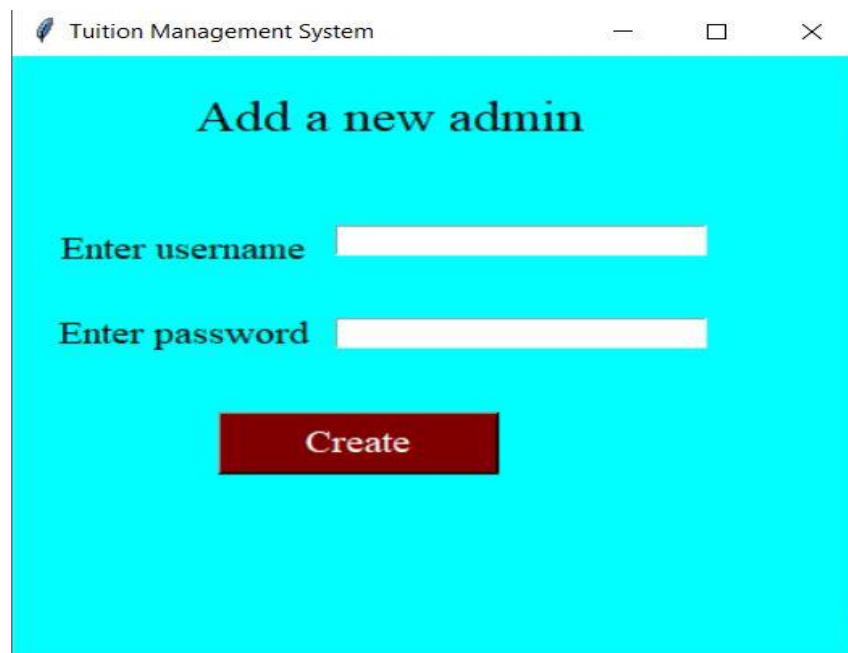


From the admin page when a admin want to change the password then click on change **password button**. Then see following the page:



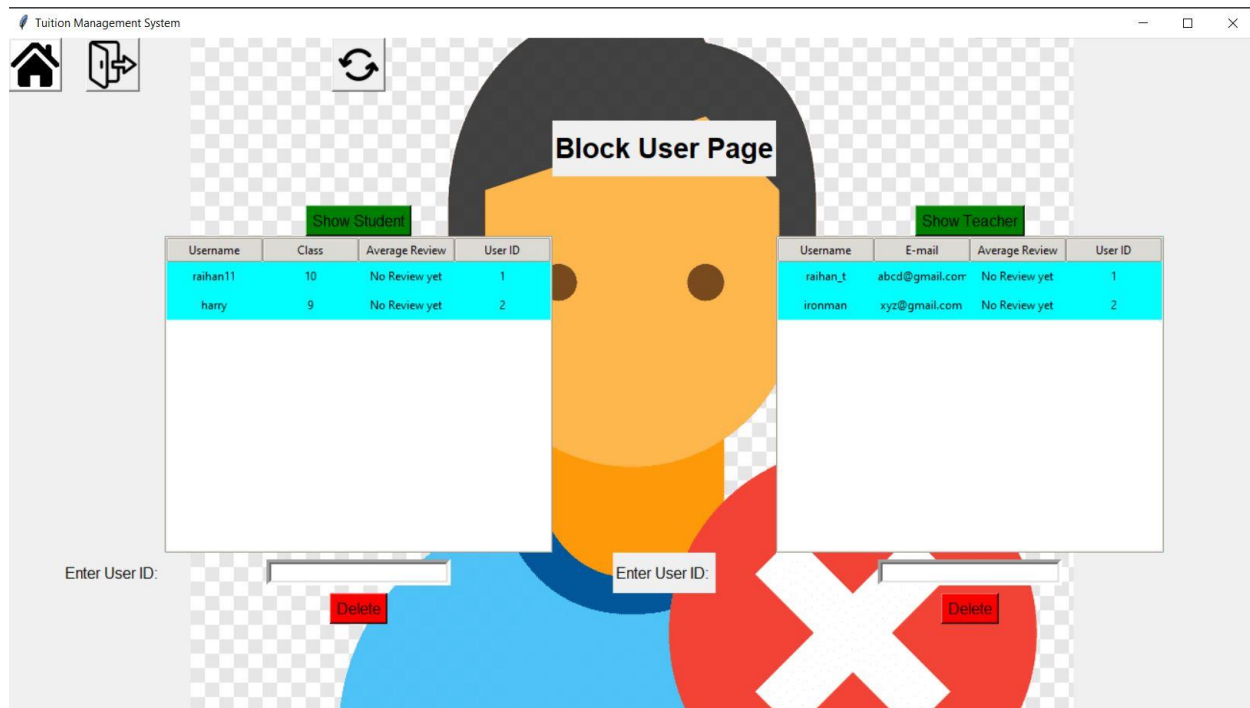
The screenshot shows a web browser window titled "Tuition Management System". The page has a light blue background and a title "Change Password" in bold black text. Below the title, there are three input fields with labels: "Enter username", "Enter new password", and "Enter new password again". Each label is followed by a white input box. At the bottom of the form, there is a red button with the text "Save" in white.

And From the admin page when a admin want to add a new admin then click on **Add New admin** button. Then see following the page:



The screenshot shows a web browser window titled "Tuition Management System". The page has a light blue background and a title "Add a new admin" in bold black text. Below the title, there are two input fields with labels: "Enter username" and "Enter password". Each label is followed by a white input box. At the bottom of the form, there is a red button with the text "Create" in white.

From the admin page when a admin want to Block a user then click on **Block a user** button. Then see following the page:



In this block user page a admin can see the teacher and student list by clicking **show teacher** and **show student** button. After see the teacher and student list a admin can block a user by enter their user id and click the **delete** button

From the home page when a user click the **student** button then see the following page:

The screenshot shows a web browser window titled "Tuition Management System". The page has a light gray background with a black graduation cap icon. The title "Student Login Page" is centered at the top. Below it, there are two input fields for "Username:" and "Password:". To the right of these fields are two green buttons: "Login" and "Create an Account". To the left of the "Create an Account" button is the text "New to Tuition Management System?". In the top left corner of the page, there are two icons: a home icon and a back arrow icon.

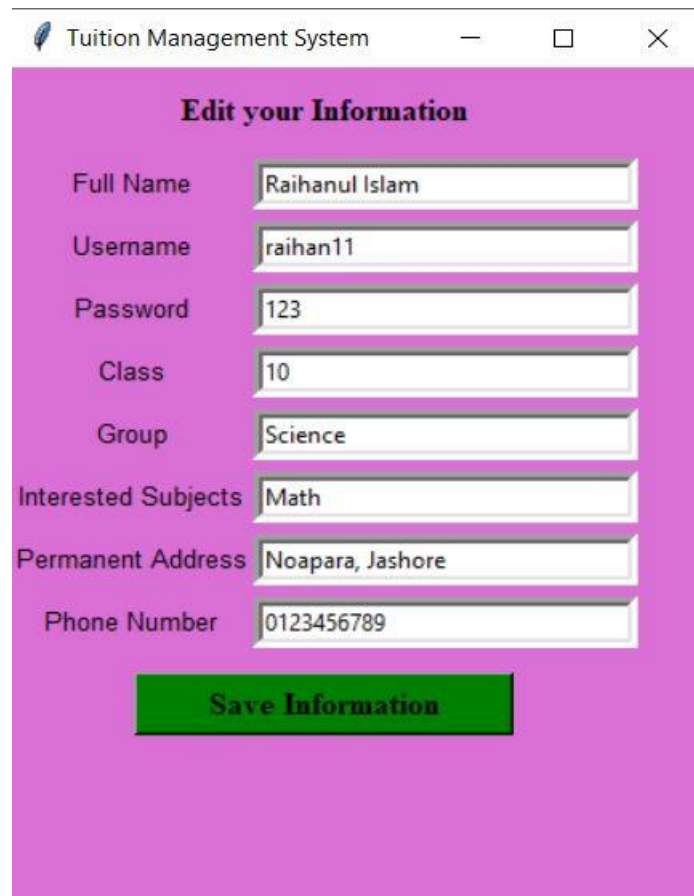
If you have an account then enter username and password and then click **login** button and then you see the following student profile page:

The screenshot shows a web browser window titled "Tuition Management System". The page has a light gray background. The title "Student Profile" is centered at the top. On the left side, there is a circular profile picture of a person with brown hair and a blue shirt. To the right of the profile picture, the following information is displayed:

- Full Name: Raihanul Islam
- User Name: raihan11
- Password: 123
- Class: 10
- Group: Science
- Interested Subjects: Math
- Present Address: Noapara, Jashore
- Phone Number: 0123456789
- Review: No Review yet

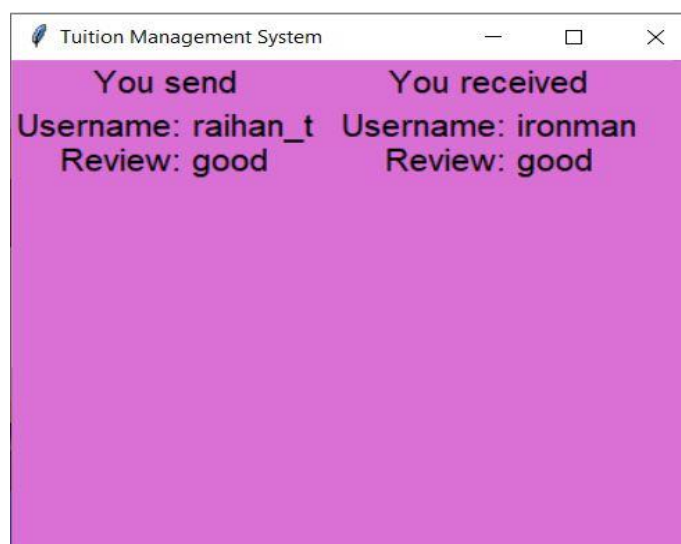
At the bottom of the page, there are two yellow buttons: "Edit Information" and "Check Reviews". In the top left corner of the page, there are two icons: a home icon and a right arrow icon.

If you want to edit your information then click on **edit information** button and you will see the following interface:



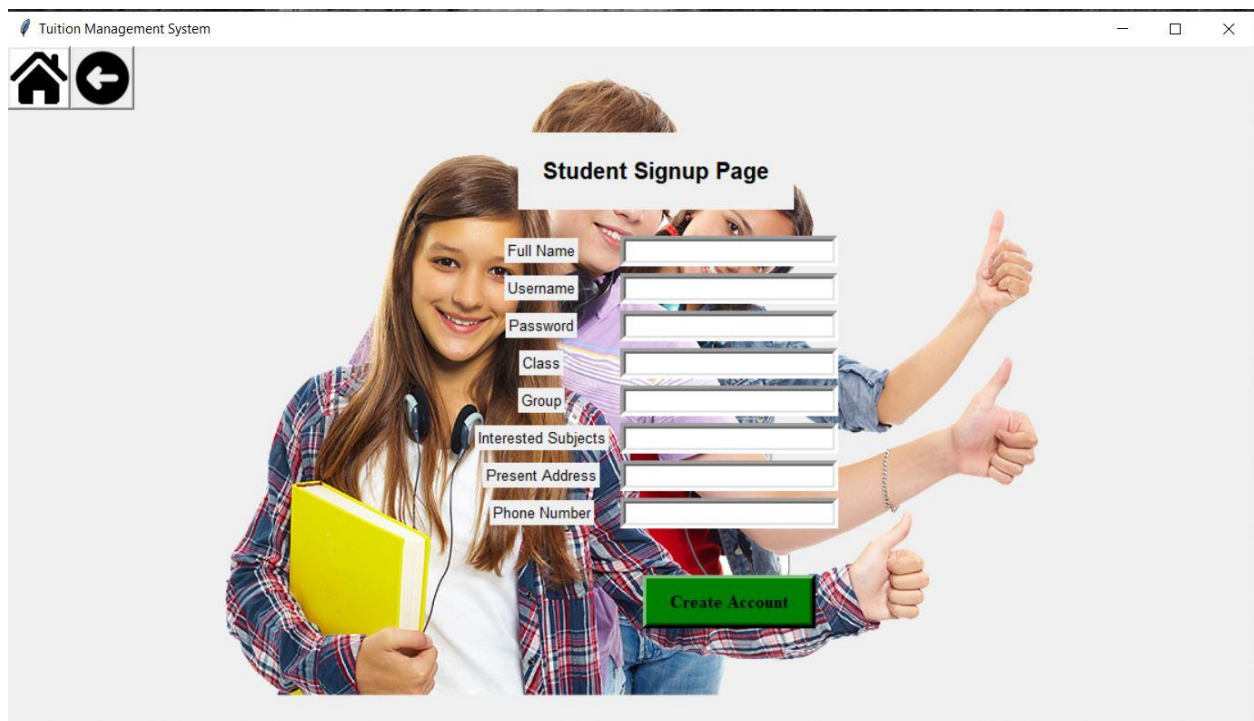
The screenshot shows a window titled "Tuition Management System" with a pink background. The title bar includes a feather icon, the text "Tuition Management System", and standard window controls (minimize, maximize, close). The main content area is titled "Edit your Information" in bold black text. Below the title, there are eight input fields, each with a label to its left: "Full Name" (containing "Raihanul Islam"), "Username" (containing "raihan11"), "Password" (containing "123"), "Class" (containing "10"), "Group" (containing "Science"), "Interested Subjects" (containing "Math"), "Permanent Address" (containing "Noapara, Jashore"), and "Phone Number" (containing "0123456789"). At the bottom center of the form is a green button with the text "Save Information" in white.

Or if you want to check your reviews then click on **check reviews** button and you will see the following interface:



The screenshot shows a window titled "Tuition Management System" with a pink background. The title bar includes a feather icon, the text "Tuition Management System", and standard window controls (minimize, maximize, close). The main content area displays two columns of review data. The left column is headed "You send" and contains the text "Username: raihan_t" and "Review: good". The right column is headed "You received" and contains the text "Username: ironman" and "Review: good".

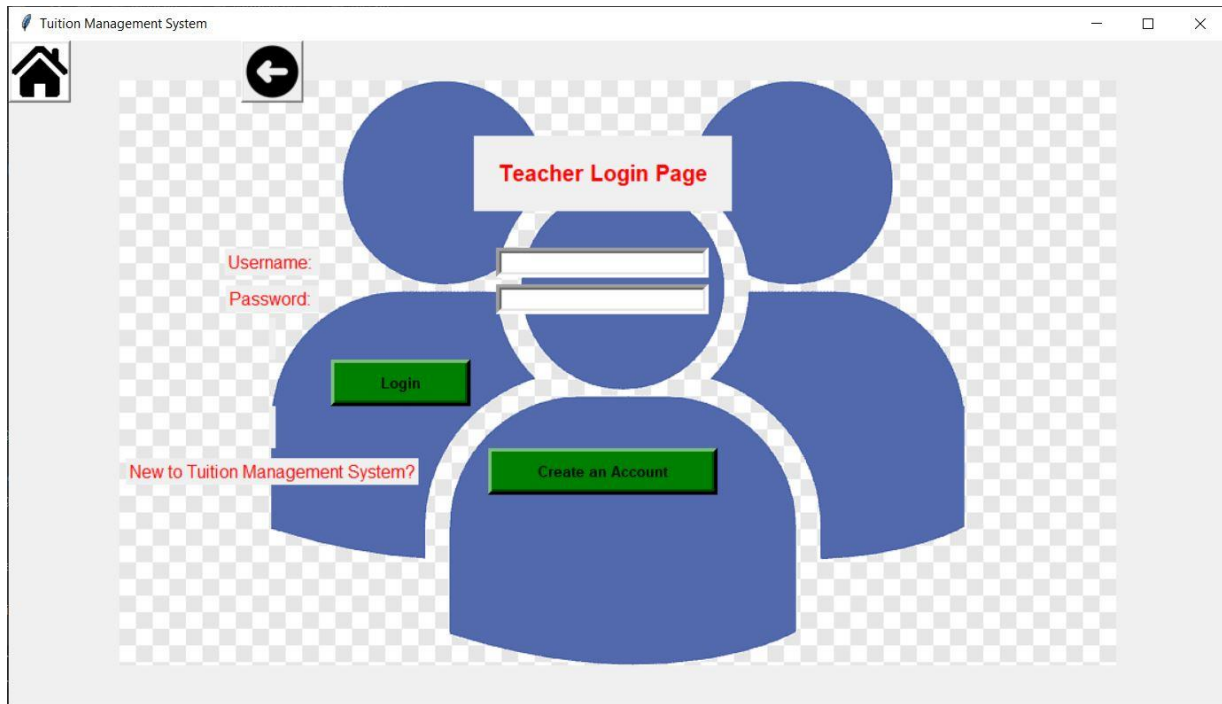
From student page if you haven't an account then click on **create an account** button and you will see the following page:



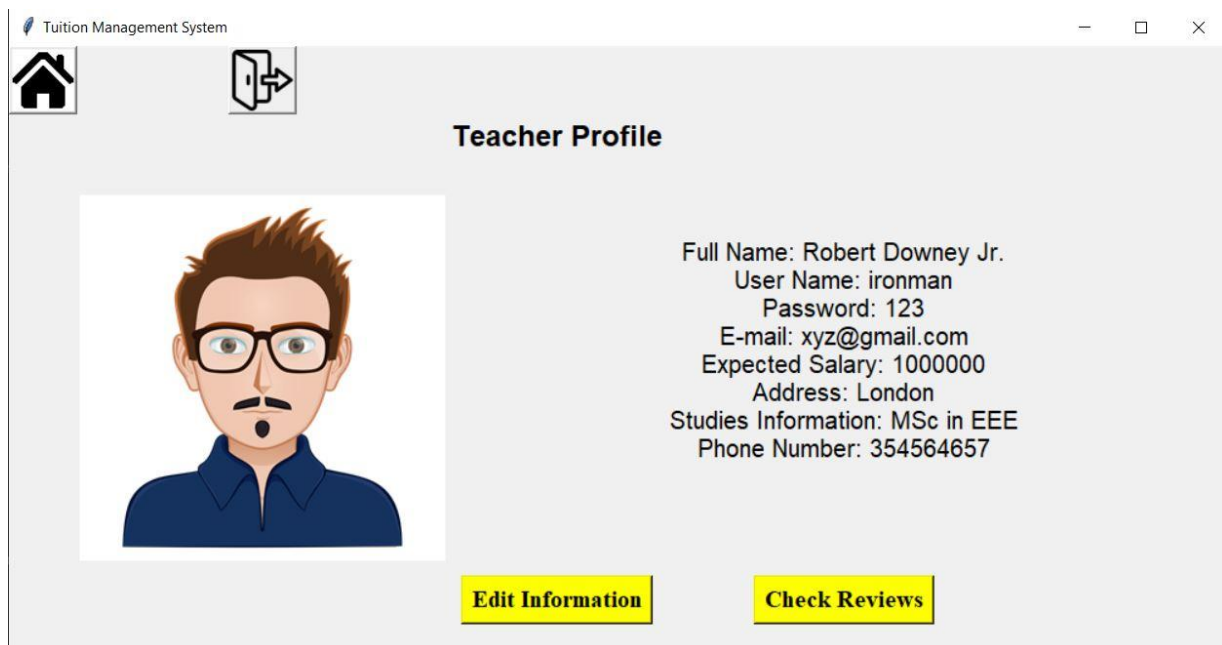
The screenshot shows a web browser window titled "Tuition Management System". The page is titled "Student Signup Page" and features a background image of a smiling student holding a yellow folder. Overlaid on the image is a form with the following fields: Full Name, Username, Password, Class, Group, Interested Subjects, Present Address, and Phone Number. Each field has a corresponding input box. Below the form is a green button labeled "Create Account". In the top left corner of the browser window, there are icons for a home page and a back button.

In this Student signup page after fill all the information click on the **create account** button and your new account is successfully created.

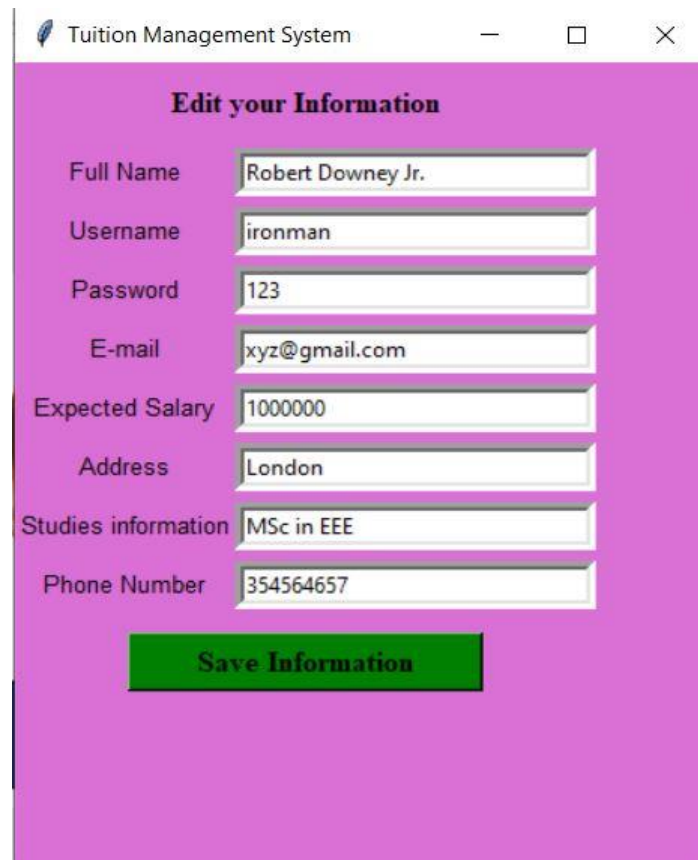
From the home page when a user click the **teacher** button then see the following page:



If you have an account then enter username and password and then click **login** button and then you see the following teacher profile page

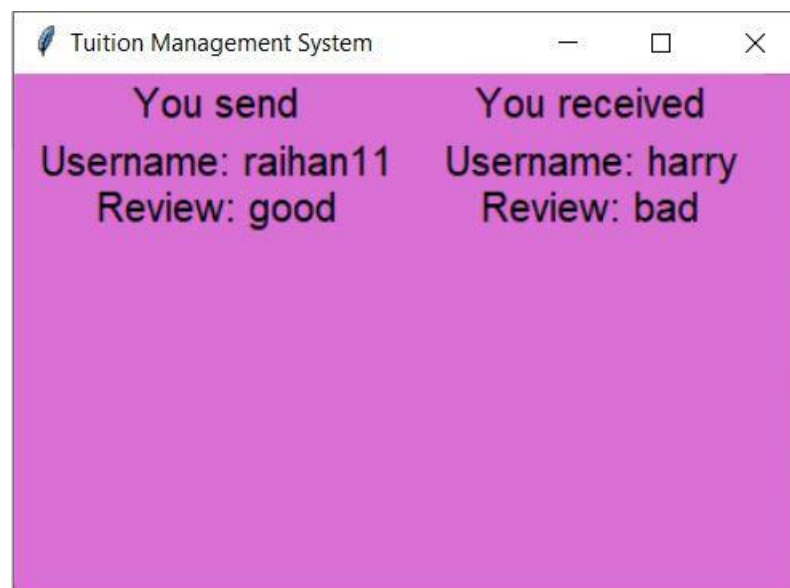


If you want to edit your information then click on **edit information** button and you will see the following interface:



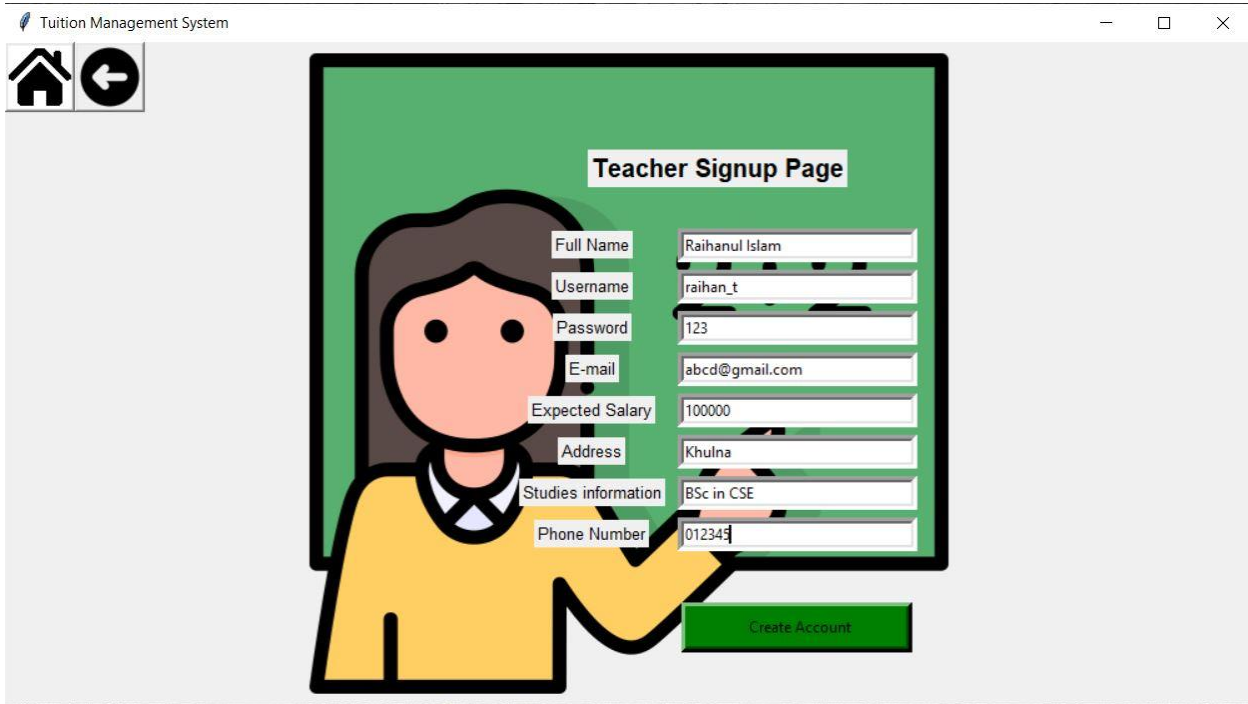
The screenshot shows a web application window titled "Tuition Management System". Inside, there is a form titled "Edit your Information" with a pink background. The form contains several input fields with labels to their left: "Full Name" (containing "Robert Downey Jr."), "Username" (containing "ironman"), "Password" (containing "123"), "E-mail" (containing "xyz@gmail.com"), "Expected Salary" (containing "1000000"), "Address" (containing "London"), "Studies information" (containing "MSc in EEE"), and "Phone Number" (containing "354564657"). Below these fields is a green button labeled "Save Information".

Or if you want to check your reviews then click on check **reviews** button and you will see the following interface:



The screenshot shows a web application window titled "Tuition Management System". Inside, there is a pink background with two columns of text. The left column is headed "You send" and contains the text "Username: raihan11" and "Review: good". The right column is headed "You received" and contains the text "Username: harry" and "Review: bad".

From teacher page if you haven't an account then click on **create an account** button and you will see the following page:



The screenshot shows a web application window titled "Tuition Management System". Inside, there is a "Teacher Signup Page" with a green background. A cartoon teacher character is on the left. The form on the right contains the following fields and values:

Field	Value
Full Name	Raihanul Islam
Username	raihan_t
Password	123
E-mail	abcd@gmail.com
Expected Salary	100000
Address	Khulna
Studies information	BSc in CSE
Phone Number	012345

A green "Create Account" button is located at the bottom right of the form.

In this teacher signup page after fill all the information click on the create account button and your new account is successfully created.

6. Dependencies:

1. SQLite3: The project is created by using of sqlite3. If you run this system you must import the sqlite3 in your code editor.
2. This system make on python language. So if run this system there must be a python interpreter.
3. Tkinter: Python Tkinter Module is used to create User Interface. So, there must be import the Tkinter Module for successfully executing this project.

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