

RAMAKRISHNA MISSION (C.B.S.E.), GWALIOR



ACADEMIC SESSION :2022-23 C.S. PROJECT FILE

**SUBMITTED TO:
C.S. DEPARTMENT
MR. HEMANT DIXIT SIR**

**SUBMITTED BY:
SANSKAR SHRIVASTAVA
CLASS : XII 'C'**

PROJECT INFO

Application: School Registration System

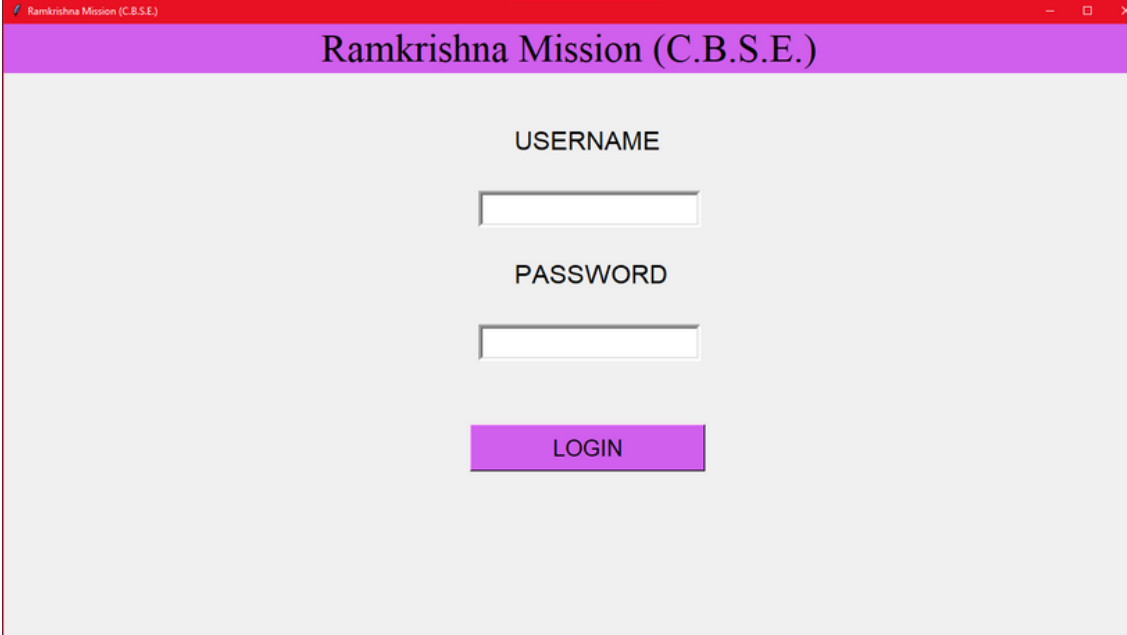
The purpose of this application is to serve as registration software for schools. It possesses various fields such as Registration, Fee details, inquiry, etc., this app is made using Python with the help of SQL and many Python libraries like Tkinter for a better graphical interface.

Files Attached:

- i) REGISTRATION.py
- ii) abcd1235.db

DOCUMENTATION

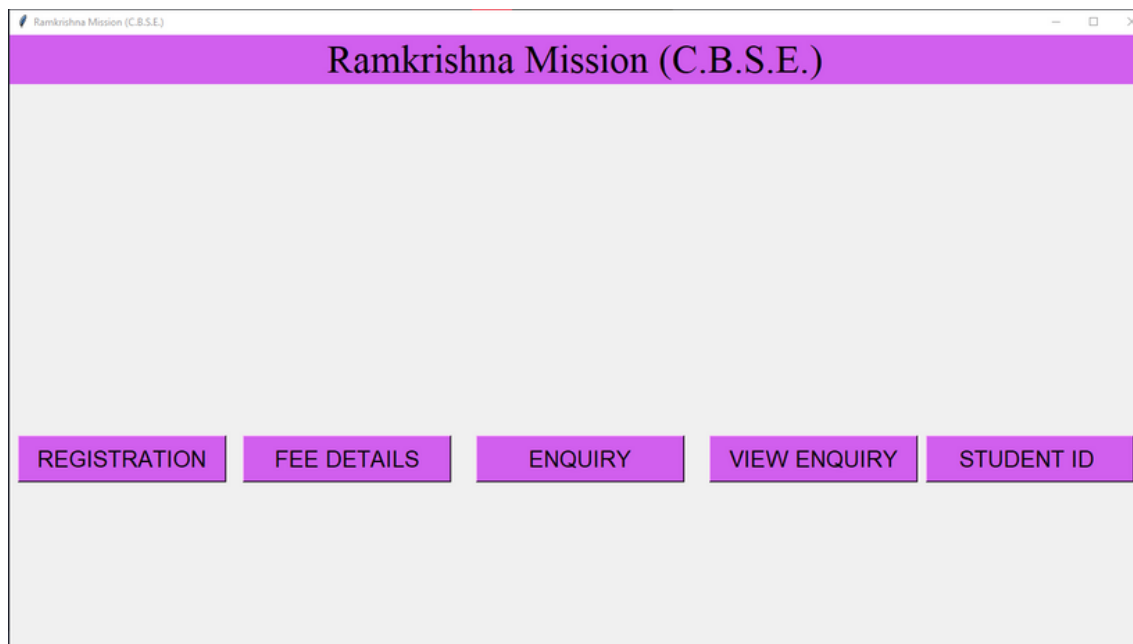
0. Initially, when we will start our app its UI will appear like this:



The screenshot shows a window titled "Ramkrishna Mission (C.B.S.E.)" with a purple header bar. The main area is light gray and contains a login form. The form has two input fields: "USERNAME" and "PASSWORD", each with a white input box. Below the password field is a purple "LOGIN" button.

1. Asking, for Username and Password.
Username: CS
Password: PYTHON

2. After logging in, we will have 5 fields, on choosing anyone we will get different options.



2.1) Clicking on REGISTRATION, this will lead us to a registration form for student. It will have fields like Name, Subject, Preferred Programming Course, course fee, etc. It will also have a search option, which will just show you details of student on entering student id.

A screenshot of the "REGISTRATION FORM" window. The window has a red header bar with the title "REGISTRATION FORM" and a "BACK" button on the left. The form contains several input fields and buttons. The fields are: "NAME:" with the value "Sanskar", "SURNAME:" with the value "Shrivastava", "EMAIL:" with the value "snskrshrstv@gmail.com", "GENDER:" with radio buttons for "MALE" (selected) and "FEMALE", "BRANCH:" with a dropdown menu showing "COMPUTER SCIENCE", "COURSE" with checkboxes for "JAVA", "C", "C++", and "PYTHON" (all unchecked), and "TOTEL FEE" with the value "1800". There is a "SEARCH" button to the right of the "NAME" field. At the bottom of the form, there are five buttons: "RESET", "CALCULATE FEE", "SUBMIT FORM", "DELETE", and "UPDATE".

2.2) Clicking on FEE DETAILS, this will lead us to a page where we can put details of how much student has paid and how much fee is left. On entering Student ID and then logging in and entering how much fees is paid; it will automatically calculate what is the due amount.

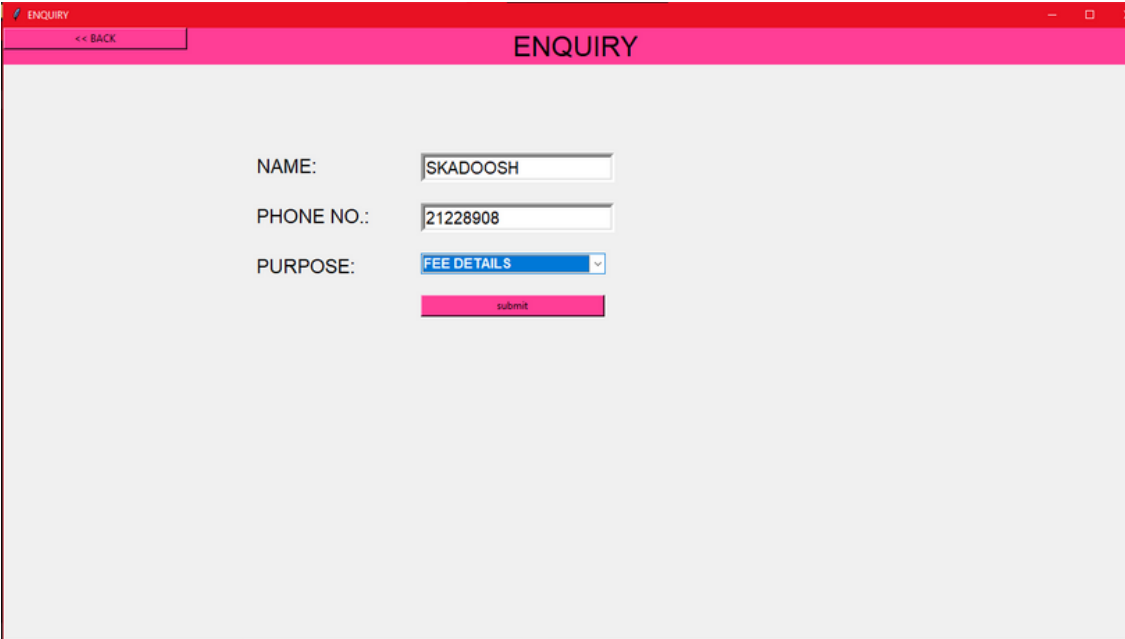
The screenshot shows a web application window titled 'enquiry'. It has a red header bar with a 'BACK' button on the left and a 'RESET' button on the right. The main content area is light gray and contains the following elements:

- Labels: 'ENTER STUDENT ID' and 'FEES YOU WANT TO PAY'.
- Input fields: Two empty text boxes for entering the student ID and the fees to be paid.
- Buttons: Two red buttons labeled 'LOGIN' and 'ADD FEE'.
- Labels: 'REMAIN FEE', 'PAID FEE', and 'TOTEL FEE' (note the typo).
- Input fields: Three empty text boxes for displaying the remaining fee, paid fee, and total fee.

This screenshot shows the same application window after the user has entered '1' in the Student ID field and '500' in the Fees field, and then clicked the 'ADD FEE' button. The values are now reflected in the output fields:

- The 'REMAIN FEE' field now contains '1300'.
- The 'PAID FEE' field now contains '500'.
- The 'TOTEL FEE' field now contains '1800'.

2.3) Clicking on ENQUIRY, this page is basically for visitors who visit school and want to inquire about some details/info about school and fees. It just asks the name of the visitor, mobile number, and purpose.



The screenshot shows a web application window titled "ENQUIRY". The window has a red title bar and a pink header bar with the text "ENQUIRY". Below the header, there is a light gray background. On the left side, there are three labels: "NAME:", "PHONE NO.:", and "PURPOSE:". To the right of each label is a corresponding input field. The "NAME" field contains the text "SKADOOSH". The "PHONE NO." field contains the text "21228908". The "PURPOSE" field is a dropdown menu with "FEE DETAILS" selected. Below the input fields, there is a pink button labeled "submit". In the top left corner of the window, there is a small red button labeled "<< BACK".

2.4) Clicking on VIEW ENQUIRY, this field keeps database of all the visitors and their details. It has all the previous track records of all the visitors.

VISITOR			
NAME	EMAIL	ENQUIRY	DATE
SKADOO: 21228908		FEE DETAILS	2023-01-14
Sanskar S 7024107999		FEE DETAILS	2023-01-06
Sanskar S 7024107999		FEE DETAILS	2023-01-06
Sanskar S 7024107999		FEE DETAILS	2023-01-06
Sanskar S 7024107999		FEE DETAILS	2023-01-06
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Sanskar S 7024107999		FEE DETAILS	2023-01-06
Sanskar S 7024107999		FEE DETAILS	2023-01-06

2.5) Clicking on STUDENT ID, this keeps all the ids of the students who have registered in the school. It allots all the student an ID quite like roll number.

STUDENT DETAILS			
ID	NAME	FEE	LAST NAME
3	SANSKAR	2000	SHRIVASTAVA
2	ANUSHAV	1800	SHRIVASTAVA
1	Sanskar	1800	Shrivastava

3. Hereby, we end our discussion about the school registration application made with python and SQL. It is ready for real world use.

A large, stylized graphic of the words "THANK YOU!" in a bold, bubbly font. The letters are filled with a vibrant blue color and outlined with a thick red border. A soft, light green shadow is cast behind the text, giving it a three-dimensional appearance. The overall style is playful and celebratory.