College Management System

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Project Guide
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1. Introduction

- **Problem Identified** :

    Managing and keeping track of data of the college manually is a daunting task and can also lead to human errors and consume time.

- **Solution Proposed** :

    Proposing a college management project for the following solutions:

- To improve efficiency, accuracy and productivity of college management processes

- Providing a platform that is easy to use.

2. Objectives

- To streamline college management processes

- To improve data management

- To help fetch data on the students easily

- To maintain records of students data

- To maintain fees report of students

3. Scope

- Can be useful to the faculty to manage the data of students using the students profile system

- Can be used in the library with the library system to keep tracking of books

- Can be applied in the payment department using the fees report system

4. Feature /Functionality

- **Student Profile:**

1. Insert the data to be recorded. The data is then saved with Save button.

2. Dynamic Display, Delete, Search, Update, Reset and Exit buttons.

- **Fee Report:**

1. Insert the data to be recorded. The data is then saved with Save button.

2. Dynamic Display, Delete, Search, Update, Reset, Receipt and Exit buttons.

- **Library System:**

1. Insert the data to be recorded. The data is then saved with Save button.

2. Dynamic Display, Delete, Search, Update, Reset and Exit buttons.

5. Outcome of Project

- **Student Profile:**

1. User can display the data in the display window.

2. User can search for details of a particular student using Search button.

3. User can update the values for a specific student by selecting that record and updating it with Update button.

4. User can delete a record from the database by selecting the record and deleting the record with Delete button.

- **Fees Report:**

1. User can display receipt with Receipt button which would also calculate the balance fees.

2. Rest all features are same as the Students Profile.

5. Outcome of Project
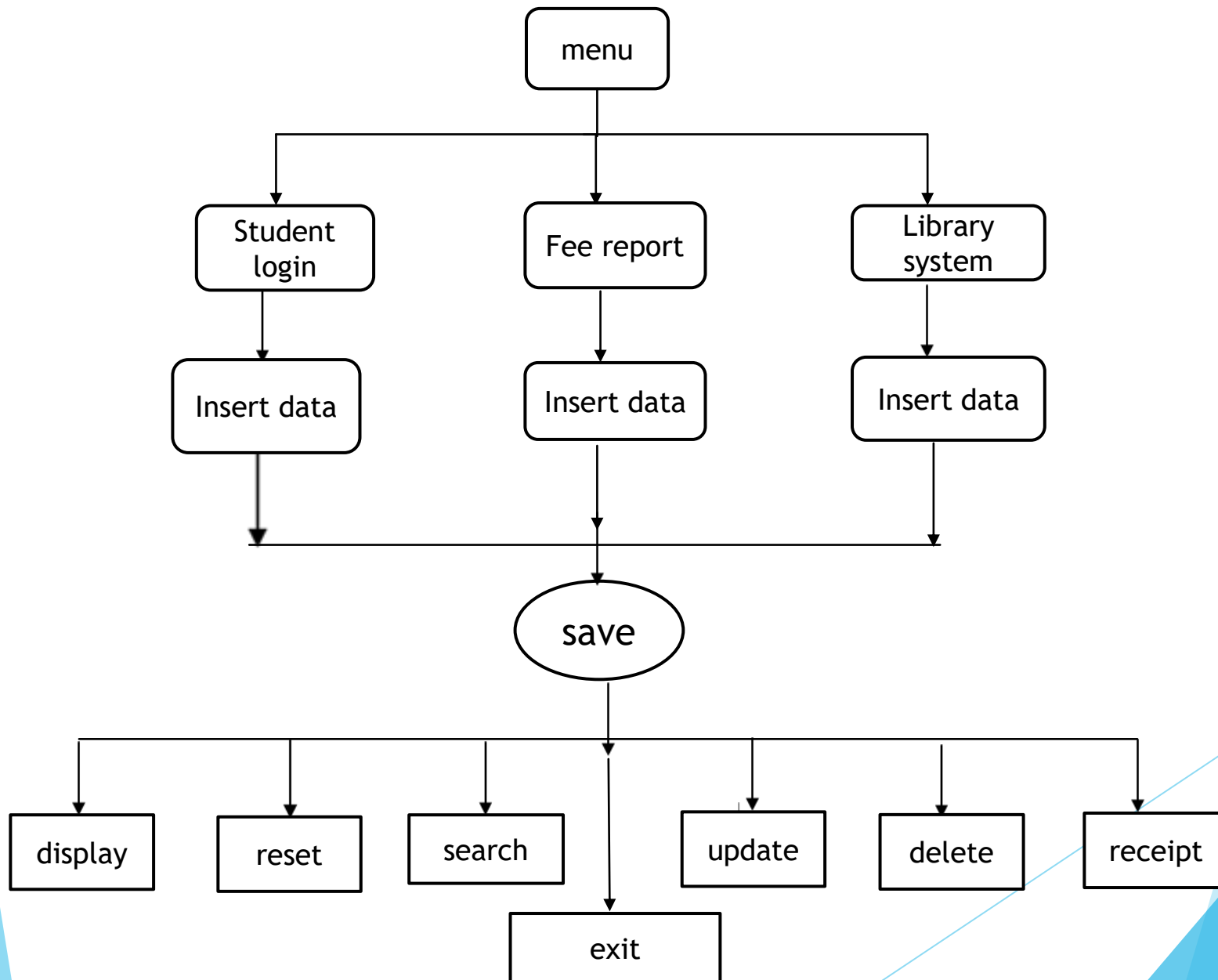
- **Library System:**

1. User can enter the data of the students or faculty.

2. User can search for details of a particular student, author or book using Search button.

3. User can update the values for a specific record of student by selecting that record and updating it with Update button.

4. User can delete a record from the database by selecting the record and deleting the record with Delete button.

6. Technology Stack

1. Python

2. Python tkinter module

3. DB Browser for SQLite

7. Block Diagram

Thank You...!!