MINI PROJECT REPORT

Record Management System

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INTRODUCTION: -

The objective of Record Management System is to allow the administrator of any organization to edit and find out the personal details of a employee/student and allows them to keep up to date his profile .It'll also facilitate keeping all the record of them, such as their id, name, mailing address, phone number, DOB etc. So all the information about an student will be available in a few seconds. The entire project work is done using c.

FEATURES: -

The key features of Record Management System are:

- Lookerative interface
- Displays menu
- Provides various option to choose
- Provides functionalities for updation

4W's 1-H: -

WHY:

- This project will make the work of users easier.
- Easy to use.
- It reduces manpower.
- Less time consuming.
- Easy to maintain in future prospect.

WHAT:

- To update profile via internet.

WHERE:

- Various institutions where we need to store data of workforce or students.
- MSMEs, Schools, universities etc

WHEN:

- While creating profile editing & adding data.
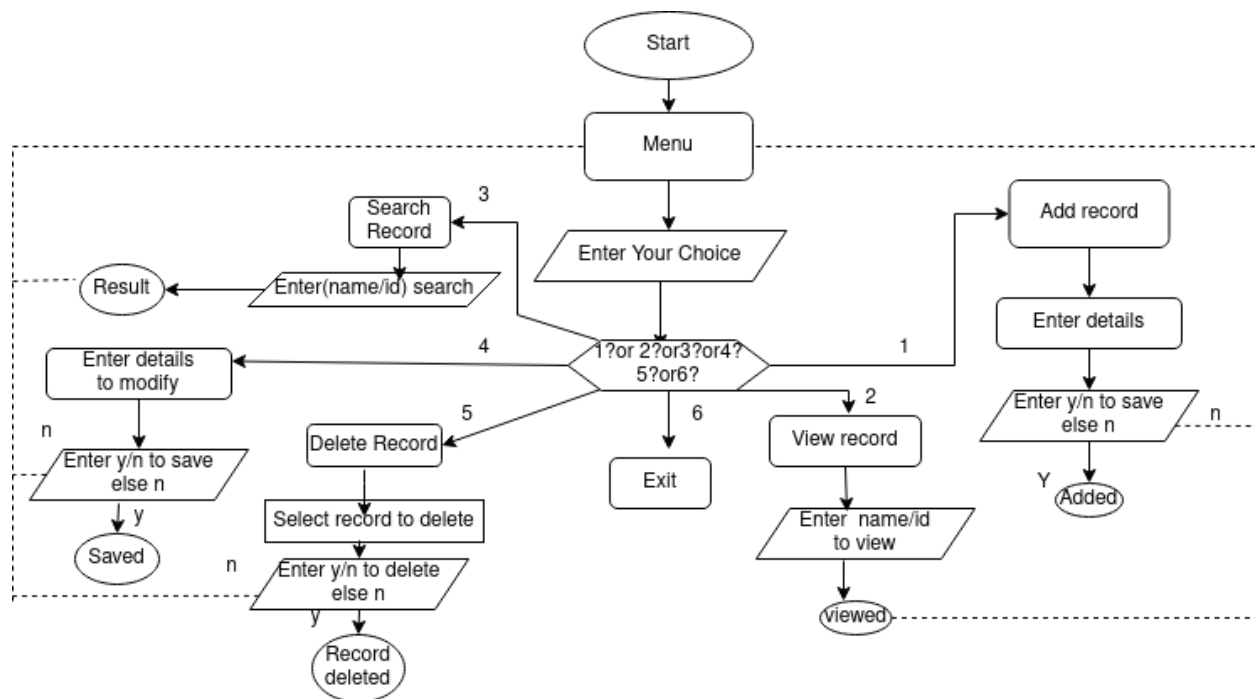- Making new entries to the existing database.

HOW:

- Using C programming language, we can provide a flexible code to develop the application and also provide better service to the customer.
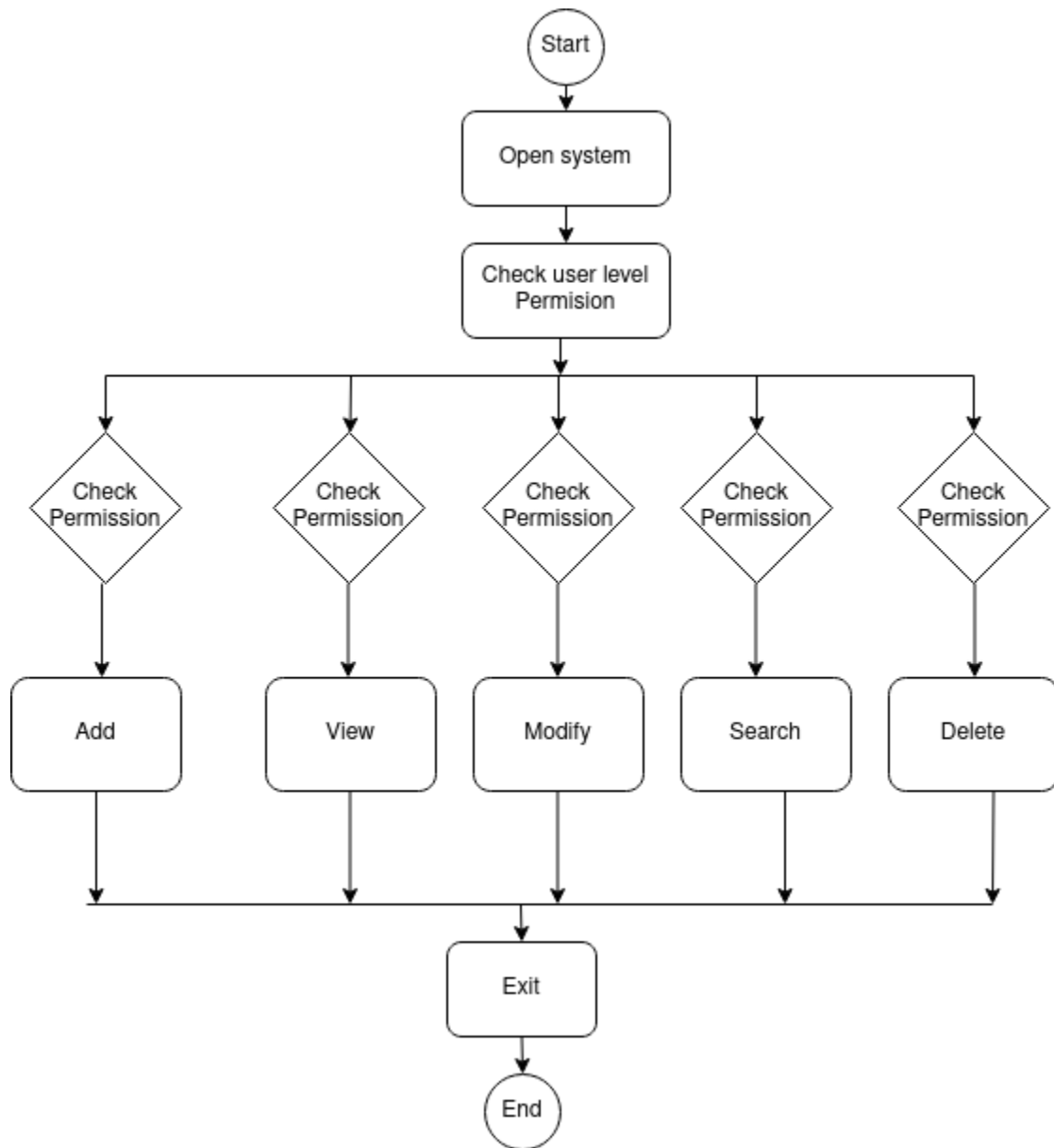
SWOT ANALYSIS: -

Strength	Weakness
1. It reduces man power. 2. The major strength of my project is its flexible and secure. 3. Its very cost effective and consumes less time in comparison with other existing systems	1. This project is suitable for small institutions. 2. It's not fully automated. 3. As per the changing world this projects needs to be updated as per the client requirements as it is not able to fit into any situation. 4. Needs modification.
Opportunity 1. First of all, I want to implement this project in small institutions after testing and usability can be modified for larger purpose. 2. It will help both the admins and users.	**Threats** 1. If the application is not password protected any unauthorized person can get access to this application and can make miss use of it.

DESIGN: -

(Flow chart of record management system)

[Diagram-1]

```
                    ┌─────────┐
                    │  Start  │
                    └────┬────┘
                         │
                         ▼
                ┌──────────────────┐
                │   Open system    │
                └────────┬─────────┘
                         │
                         ▼
                ┌──────────────────┐
                │ Check user level │
                │    Permision     │
                └────────┬─────────┘
```

Check Permission → Add

Check Permission → View

Check Permission → Modify

Check Permission → Search

Check Permission → Delete

```
                    ┌─────────┐
                    │  Exit   │
                    └────┬────┘
                         │
                         ▼
                    ┌─────────┐
                    │   End   │
                    └─────────┘
```

[Diagram-2]

TEST PLAN: -

High-level Test Plan: -

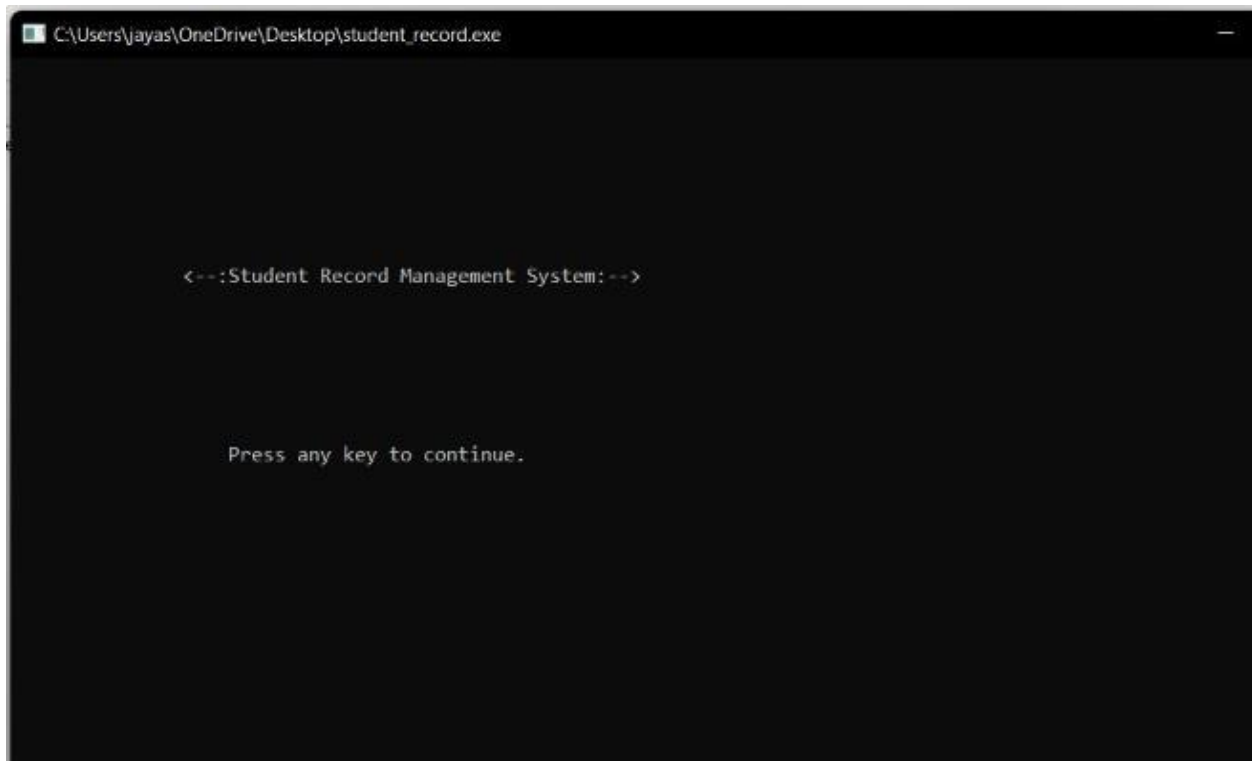| Test id	Description	Ex I/P	Ex O/P	Actual output	Type of test
1	Select what you want	1 or 2 or 3	Your selected option will be display.	Your selected option will be display.	Requirement based
2	Select the choice	Enter number	Your selected number and details will be displayed.	Your selected item will be displayed.	Requirement based

[Table-1]

Low-level Test Plan: -

Test id	Description	Ex I/P	Ex O/P	Actual output	Type of test
1	Entering object name	Enter first and last name	Object's full name	object's full name	Requirement based
2	Entering Designation	Enter the number	Designation	user's designation	Requirement based

[Table-2]

OUTPUT: -

[Image-1]

[Image-2]

[Image-3]