



IT 206 PROJECT

PERSONAL DIARY MANAGEMENT SYSTEM

MADE BY:

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Problem Statement:

- ⇒ In the real life, IT industry are grown more and more so, many software engineers busy with bunch of meetings on their whole day schedule.
- ⇒ In this covid pandemic and also in regular life, many patients need to visit doctor. So that, doctors are not able to remember all the meetings with patients in particular time.
- ⇒ In the online education, students need one proper schedule for attend lectures and extra-curricular meetings.

how to approach the best solution for these real-life problems?



Solution:

- ⇒ As evident by its name that it should be an ordinary personal diary but in reality, it is not. This project is very useful for many professional persons for instance.
- ⇒ Software engineers are able to utilize whole day with this system. also, it is quite useful for doctors. Doctors can use it for taking appointments and also, they can keep the record of his patients as long as he can.
- ⇒ This project solves many problems of daily schedule management.

Now, we will go for brief explanation about this project.....



ABOUT PROJECT:

- ⇒ Password protected personal diary is a console application without graphics. In this project, users can keep their personal record like they do in a diary. You can keep records of important things you do in your daily life, like meetings and various other tasks.
- ⇒ You can organize your schedule as well as view some particular entry of a particular date or time. In this console application, you can add, view, edit and delete records. Records can be added with information such as duration of task.
- ⇒ Personal Diary Management System is based on the concept to save and generate all the stories of the user. This project is easy to operate and understand by the users.



FEATURES OF PROJECT:

- ⇒ **Edit password:** Password protected and password system in each function and this project is capable to changing the password as many times as you can.
- ⇒ **Add record:** User can able to add records depends on the memory.
- ⇒ **View record:** user can able to view record as he/she want.

- ⇒ **Modify record:** user can modify the record as per his/her requirement.
- ⇒ **Delete record:** users can ably delete their record anytime.
- ⇒ **Other:** proper login system with signup and signin, high security with password.



BRIEF OF PROJECT:

- ⇒ We did this project in c++ programming language with using codeblocks IDE.
- ⇒ We include linear data structure array through implement whole project. In our project, we use many header files like string.h, conio.h, iostream.h etc. to use functions of this header file.
- ⇒ We implement c++ file handling in this project. Also, we include header file fstream.h.
- ⇒ We change console screen background including conio.h header file.
- ⇒ Different variables and strings have been used for the development of this project.



ADVANTAGES:

- ⇒ Here User can add their daily details safely and it's not time consuming. Each Section contain high security so there is no chance of data loss.
- ⇒ There's maximum privacy to the recorded files. This System makes easy to store daily records.
- ⇒ User can get content of diary with respect to date and time.

⇒ This project is more helpful to those persons whose profession become busier and more meeting with people in the day.



LIMITATIONS:

- ⇒ This project is not convenient for those persons who haven't change in their regular work. And who has fixed work to in everyday for those people this system is not useful.
- ⇒ Who has no particular date & time schedule. this system is not helpful to them because the back born of the project is date.



What we learnt?

- ⇒ This project is giving us good experience to implement on the real-life problem and find the solution to made this type of system.
- ⇒ This project is giving chance to use c++ language which we learnt so far.
- ⇒ In this project, we are able to knew about file handling, array data structure and many other stuffs.
- ⇒ We did project in the group so we explore many things.

THANK YOU