Personal Diary Management System

Requirements

- Personal Diary Management System Personal Diary or simples we says notepad. Since our past period we use note the personal information in the personal diary but now we can use our application to note the personal secret in the our application we can access the information by entering the date and duration of the message.
- strength: It can simple to use and it cost effective and time saving
- weakness: They have to remember their date and time
- opportunity: Even one date of day we can access all message
- Thread: It can be deleted and modified
- what: To make the personal diary in a easy way
- when: It can be access it any time
- where: IT can be recording any where
- who: Every user can access it
- why: Digitally store data and save time and cost effective
- how: It can be installed in applications

Architecture
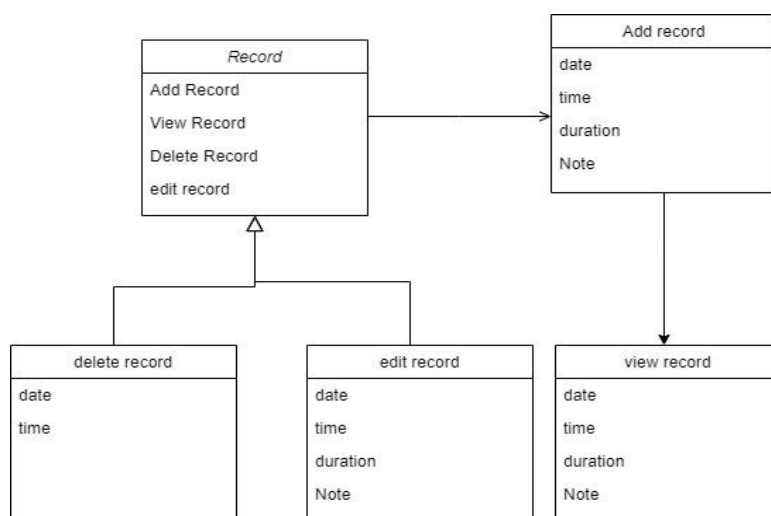
High Level Requirements

-user add personal message by entering the date and time.

-user can view their message and can add and edit their record.

Low level Requirements

-User want know their date and time to edit and view and delete the record.

Structural Diagram
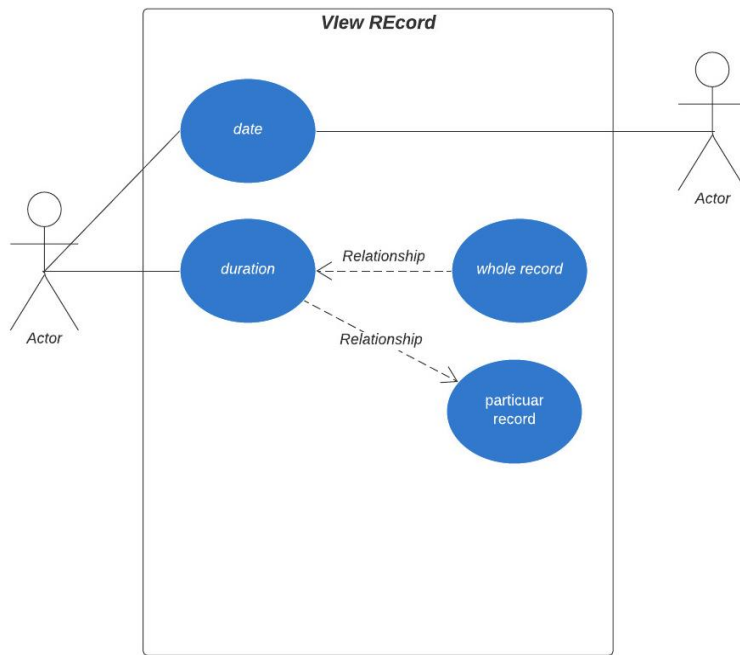
Implementation

- We can implement the code using c program

Input and Output

Screen shot of sample input and output

EXPLORER

M1_PROJECTGOAL_APP [WSL: UBUNTU-20.04]
> uses case .pdf
> 3_Implementation
> 4_TestPlanAndOutput
> 5_Report
> 6_Video

OUTLINE
No symbols found in document 'Makefile'

3_Implementation > M Makefile

```makefile
1  #Target: Dependices
2  #<Tab>Command
3
4  target : project.c addrecord.c deleterecord.c viewrecord.c editrecord.c fun.h
5      gcc project.c addrecord.c deleterecord.c viewrecord.c editrecord.c   -o a.out
6
7  run: target
8      ./a.out
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
EXIT              [5]

ENTER YOUR CHOICE:1
sh: 1: cls: not found

            ****************************
            * WELCOME TO THE ADD MENU *
            ****************************

ENTER DATE OF YOUR RECORD:[yyyy-mm-dd]:
```

Ln 7, Col 12   Tab Size: 4   UTF-8   LF   Makefile

```makefile
1  #Target: Dependices
2  #<Tab>Command
3
4  target : project.c addrecord.c deleterecord.c viewrecord.c editrecord.c fun.h
5      gcc project.c addrecord.c deleterecord.c viewrecord.c editrecord.c   -o a.out
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7  run: target
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```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PRESS ANY KEY TO TRY AGAIN

    PERSONAL NOTES

        MAIN MENU:

    ADD RECORD       [1]
    VIEW RECORD      [2]
    EDIT RECORD      [3]
    DELETE RECORD    [4]
    EXIT             [6]

    ENTER YOUR CHOICE:
```

Ln 8, Col 12   Tab Size: 4   UTF-8   LF   Makefile

Screenshot 1 (top):

File   Edit   Selection   View   Go   Run   Terminal   Help

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OUTLINE

No symbols found in document 'Makefile'

Editor tabs: fun.h | addrecord.c U | deleterecord.c U | viewrecord.c U | editrecord.c U | project.c U | Makefile U

3_Implementation > Makefile

```
1    #Target: Dependices
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3
4    target : project.c addrecord.c deleterecord.c viewrecord.c editrecord.c fun.h
5        gcc project.c addrecord.c deleterecord.c viewrecord.c editrecord.c   -o a.out
6
7    run: target
8        ./a.out
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
ENTER TIME:[hh:mm]:12:30

YOUR RECORD IS:
TIME: 12:30
MEETING WITH: gd
MEETING AT: cd
DUARATION: 12
NOTE: hi

sh: 1: cls: not found
WOULD YOU LIKE TO CONTINUE VIEWING...(Y/N):

PERSONAL NOTES
```

./a.out 3_Im...
make 3_Imp...

WSL: Ubuntu-20.04   main*   0   0   Ln 8, Col 12   Tab Size: 4   UTF-8   LF   Makefile

Screenshot 2 (bottom):

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

M1_PROJECTGOAL_APP [WSL: UBUNTU-20.04]
- uses case .pdf
- 3_Implementation
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OUTLINE

No symbols found in document 'Makefile'

Editor tabs: fun.h | addrecord.c U | deleterecord.c U | viewrecord.c U | editrecord.c U | project.c U | Makefile U

3_Implementation > Makefile

```
1    #Target: Dependices
2    #<Tab>Command
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4    target : project.c addrecord.c deleterecord.c viewrecord.c editrecord.c fun.h
5        gcc project.c addrecord.c deleterecord.c viewrecord.c editrecord.c   -o a.out
6
7    run: target
8        ./a.out
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
    *********************************

    ENTER THE DATE OF RECORD TO BE VIEWED:[yyyy-mm-dd]:2021-10-12
sh: 1: cls: not found

    HOW WOULD YOU LIKE TO VIEW:

    1.WHOLE RECORD OF THE DAY.
    2.RECORD OF FIX TIME.
        ENTER YOUR CHOICE:2

ENTER TIME:[hh:mm]:12:30
```

./a.out 3_Im...
make 3_Imp...

WSL: Ubuntu-20.04   main*   0   0   Ln 8, Col 12   Tab Size: 4   UTF-8   LF   Makefile