**NOTE MANAGEMENT SYSTEM**

*A*

*Mini Project Report*

*Submitted in partial fulfilment of the*

*Requirements for the award of the Degree of*

**BACHELOR OF ENGINEERING**

IN

**INFORMATION TECHNOLOGY**

By

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**DECLARATION BY THE CANDIDATE**

I, **M.Pranay Kumar Reddy,** bearing hall ticket number, **1602-19-737-027** hereby declare that the project report entitled **“Note Management System”** Department of Information Technology, Vasavi College of Engineering, Hyderabad, is submitted in partial fulfilment of the requirement for the award of the degree of **Bachelor of Engineering** in **Information Technology.**

This is a record of bonafide work carried out by me and the results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

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We are equally grateful to Dr.K.Ram Mohan Rao, Professor and H.O.D, Department of Information Technology, Vasavi College of Engineering , for his encouragement and support he renders to our department.

I consider myself lucky enough to be part of this project. This project would add as an asset to my academic profile.

Thank You!

ABSTRACT

We have note management system to make work simple by computerized method. By this application user can store contact details, retrieve contact details, and make dead line notes on single platform. This application avoids users to store manual details and makes accessibility easy. A user who is working on system can set remainder for the important work while doing some another work. On the whole this will make a user punctual. So, this is convenient for a user to manage contacts, daily work schedules and to enhance the punctuality of the user. It is easy to access, short and precise application. And it is single user design.

## INTODUCTION

Requirments about problem domain in general

This project note management system is build for the people of todays society who gives more priority for security and privacy. Why is the more privacy needed? As technology is more developed , there are many chances of misleading or misusing once’s information for legal or illegal action with out the owners permissions. Hence to overcome this problems we tried to build a project with dual security and make data isolated. This project helps user to make his one secure locker for their data similarly as they have lockers for their assets.

But the main problem domain of our project is to keep remainders. When we have multiple works in a very short time, we might get confused of one work of other. This project provides a solution for all the above mentioned problems. It is not only resticted to a single day but we can add data regarding multiple times and multiple days. And it provides us atmost privacy.

Solutions we wanted to achieve through this project

Note Management System is based on concept to generate remainders and to add records & update it. 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. The whole project is designed in ‘C’ language and different variables and strings have been used for the development of this project. This mini project is easy to operate and understand by the users. This is a simple mini project in C, built without using any graphics features. It’s easy to operate and understand by users.. The design is so simple that user won’t find it difficult to use and navigate. 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. The travelers also use it for their purposes, what is their next plan? Where they have to go further? And also they can save their memories of the journey etc, for instances.

Features of Program Following are the features of the program: The most important feature is that it is the password protected. This program is also capable of changing the password as many times as you can.The user has separate username and login registration . The user can also take a look on his records. The user can also make changes in the record. The user has a power of deleting any record.

## SYSTEM REQUIREMENTS

Hardware

1. Input devices : Keyboard
2. Output devices : Monitor
3. Disk space requirement: 200 mb
4. RAM requirement : 512 mb

Software

1. Linux environment: Some of the windows subsystems for Linux are
2. Ubuntu
3. Kali Linux
4. OpenSUSE - Leap-15-1
5. Debian
6. Alpine WSL
7. Compilers for windows
8. Borland Turbo C
9. Tiny C compiler
10. Portable C compiler
11. GCC compiler

The compiler we are using is GCC Compiler

1. Text editors
2. Vim editor
3. Notepad
4. Notepad++

The text editor we are using is Vim editor

PROPOSED WORK

* 1. Design

1. Use Case Diagram

User

1. Flowchart

Verify

Register

Retrieve the data

Search for The data

Write Data(Notes)

Yes

Login

User

No

* 1. Implementation

Modules

1. Register

This module enables the user to register in the application. The user muster register through a user name and desired password.

1. Login

This module is helpful for authentication. The user who has registered previously, can login to the application with the username and password.

1. Data entry

This module takes integer as parameter (the required data as input i.e., name, place, etc…) To access this we need to login priorly. This doesn’t require any dual password authentication.

1. Search for data

This module takes integer as parameter (we can search for data, which gives us extra access for editing the data entered, and deleting the file created.)

1. Data Retrival

This module also takes integer as parameter(we can view the data entered.)

* 1. Github Link: <https://github.com/Pranayreddy-7>

TESTING

1. Entering wrong password for login

Graphical user interface, text, application

Description automatically generated

1. Entering Invalid username

Graphical user interface, text, application

Description automatically generated with medium confidence

1. Changing password

Graphical user interface, text, application

Description automatically generated

1. Entering wrong password for edting

Text

Description automatically generated

RESULTS

Register

Text

Description automatically generated

Login

A picture containing text

Description automatically generated

1. Main Menu

Text

Description automatically generated with medium confidence

1. Add Record

Graphical user interface, text, application

Description automatically generated

1. Edit Password

Graphical user interface, text, application

Description automatically generated

1. View Record

Graphical user interface, text, application

Description automatically generated

1. Edit Record

Graphical user interface, text, application

Description automatically generated

1. Delete record

Graphical user interface, text, application

Description automatically generated

ADDITIONAL LEARNING

Completing the project on time, coordinating with the team members virtually was a bit challenging.

Time management played a crucial role in implementing the project. We endured a ton toward the starting attempting to oversee time, later we figured out how to separate the work and how long should be given to each work.

It helped us not only improving our coding skills but also our personality. It improved our self-learning capability. We also leant how to plan things. Planning is also very important in completing the project.

We likewise figured out how to design things. Arranging is likewise significant in finishing the task.

DISCUSSION AND FUTURE WORK

We have some extra ideas to extend this project.

At present we have only single user application. We would like add facility of multiple user. By which if multiple users use single application, there wont be any data collision.

We are also planning to catogorise meeting based on time (sorting the data using time limit), through which we can easily access the data.

Some other features include user interface to the project. It makes the prooject more readable.

REFERENCES

For coding we referred geeks for geeks and javapoint

<https://www.geeksforgeeks.org/c-programming-language/?ref=leftbar>

<https://www.javatpoint.com/c-programming-language-tutorial>