**MINI-PROJECT REPORT**

**Password Protected Notes-Taker**



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**INTRODUCTION:**

**PROBLEM STATEMENT**

This mini project is developed in C Programming Language. It helps the users to keep the daily record or notes of their important meetings, presentations, functions etc. The term notes, normally intended to remain private or to have a limited circulation amongst friends or relative It's just like the notes which we keep in our personal Diary.

In this Mini project you can add, edit, delete and view the notes.

Here you can add the notes such as Date, Time, Place and the name of the person.

**DESCRIPTION:**

Password protected notes taker is a console application used for creating, viewing and managing the personal notes of a user. They can update, add and view the notes. User can keep records of the important things they do in their daily life, like meetings and the activities which they do in their everyday life.

Their notes will be password protected hence they can freely share their experiences without the fear of getting read by someone else.

**REQUIREMENTS**

**Hardware Requirements**

* Ram 512MB or higher.
* Minimum 10MB hard disk space.
* Intel/Pentium powered system.
* Processor speed 1.7 GHZ

**Software Requirements: -**

* Windows 8 or higher versions.
* Visual Studio/Code::Blocks software/Dev-C++.

**Functional Requirements: -**

The basic user-defined functions used in this project are listed below:

* Password – contains/manages/handles password protection
* Add notes– to add new note
* View notes – to view added note in list
* Edit notes – to modify and update an added note
* Edit password – to modify/change a password
* Delete notes – to delete or remove a notes permanently from system file.

**Research**

* This is a password protected notes taker which also increase the security standards for the file.
* The purpose of the system is to help you keep and manage the time for your incoming events.

# Existing Feature and New System

\*Old System: - There was no password protected based notes taking.

\*New System: - Password protected notes taker is built.

# SWOT ANALYSIS

SWOT Analysis is a simple tool which is used to analyse what are strength, weakness, opportunities and threats of the system.

Strength- You can view the records easily without remembering them.

Weakness- Maybe related to Redundancy, inconsistency

Opportunities- Availability of a large number of records.

Threat Analysis- Threats maybe related to different marketing features.

# 4W's and 1'H :-

# What

# Helps the user to easily add their important meetings, presentation records, and also can be edited too.

# Where

# It can be used by Travel Agents or doctors in fact anyone can use it to keep their records safe.

# When

# Whenever the user wants to keep his personal records safe at a place.

# Who

# Anybody can use it.

# How

# It will keep your all-personal records safely at one place.

# High Level Requirements

HLR1 -- Add the inputs to add notes, view and delete.

HLR2-- Users can add the notes in the system.

HLR3 -- Can view that notes further.

HLR4-- User can Edit the added note and can make some changes in it.

HLR5 -- Can delete the notes permanently if not needed.

HLR6--User can edit the Password for security purpose.

# Low level Requirements

# LLR1 --- The system will ask password to view and Edit the records.

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**CONCLUSION: -**

With the help of this personal diary management system, user can register, login, create, edit and view the created diary. User can also change the password. User gets the opportunity to save their personal information with the help of the password. This password protected system helps user to write their personal experiences and views which they otherwise don’t freely do in case of the traditional personal diary. This system therefore provides an edge with respect to the conventional manual hand-written diary.