

ICS Minor Project Report:

Note Taking Application

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[Project Link](#)

Introduction

This project is A simple and lightweight note-taking application written completely in C using the GTK Toolkit. It aims to provide users with a lightweight, easy-to-use tool for managing text notes. Built using GTK (GIMP Toolkit) and C programming language, it offers a minimalist interface while incorporating essential features for note creation, editing, and deletion.

Project Objectives

- Develop a Simple Note-Taking Application: The primary objective of the project is to create a user-friendly application for taking text notes.
- Implement Basic Note Management Features: The application allows users to create, edit, and delete notes seamlessly.
- Utilize GTK for GUI Development: GTK was chosen as the GUI toolkit for its cross-platform compatibility and ease of use.

Program Description

- This project is a simple note-taking application built using the GTK toolkit in C. It allows users to create, edit, and delete text-based notes, which are stored as individual files on the system.
- GTK serves as the primary graphical user interface toolkit and it completely handles the UI building of this application. It uses various GtkWidgets such as windows, grid layouts, text views and buttons and arranges them accordingly
- Input-Output of files is handled by the GIO and GLib system library APIs that come with GTK4.