SHRI VISHNU ENGINNERING COLLEGE FOR WOMEN::BHIMAVARAM

Department of Artificial Intelligence

Project: Building Note

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INTRODUCTION

Note – space where you present your thoughts ,share your feelings And confidential matters. Notes provide a convenient way to organize thoughts, tasks, and snippets of information for easy retrieval

We are about to add a text-to-speech feature to traditional notepads as part of our project.

FLOW OF STEPS INVOLVED

1. Create Notes
2. Edit Notes
3. Text to Voice
4. Secure Notes
5. Delete Notes
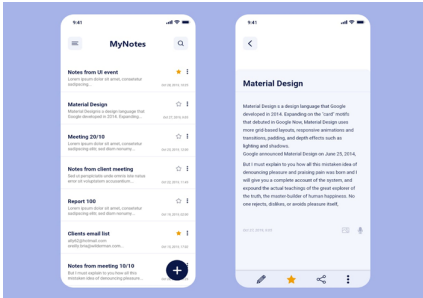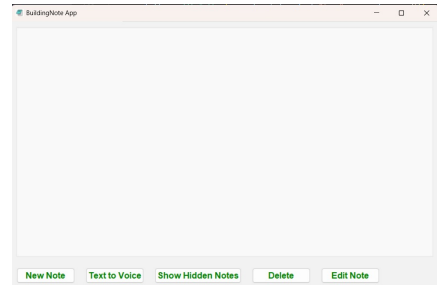
Create Notes

Figure: General

Figure: Notes Window

Linear notes Use loads of headings for main ideas and concepts. This step is to create notes and save their works.

1. To create a note, simply tap on the 'New Note' button and start typing
2. After typing your note, remember to tap the 'Save' button to ensure it's securely stored in your collection.
3. In our application, users can save notes in a linear layout, facilitating easy organization and visualization with side-by-side alignment.
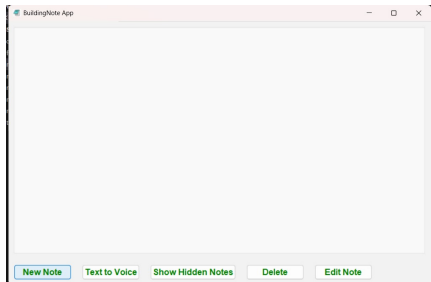
Process of Creating A Notes
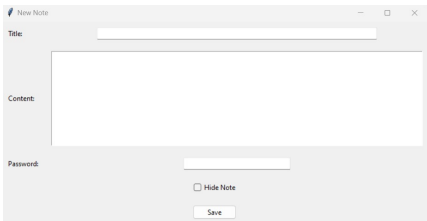

Figure: New Note Button.
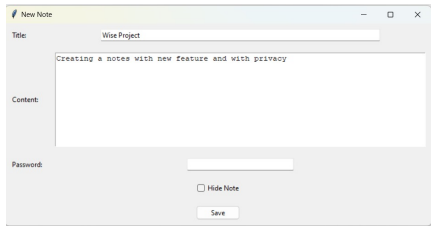

Figure: Creating a notes.
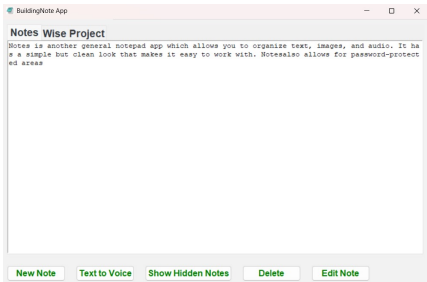

Figure: saving a notes.
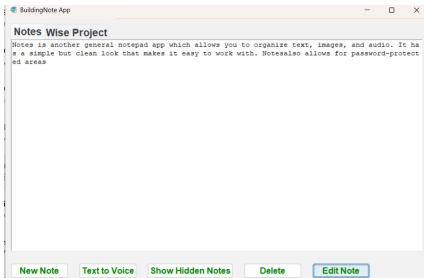

Figure: Organization of notes.
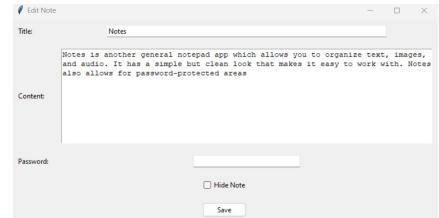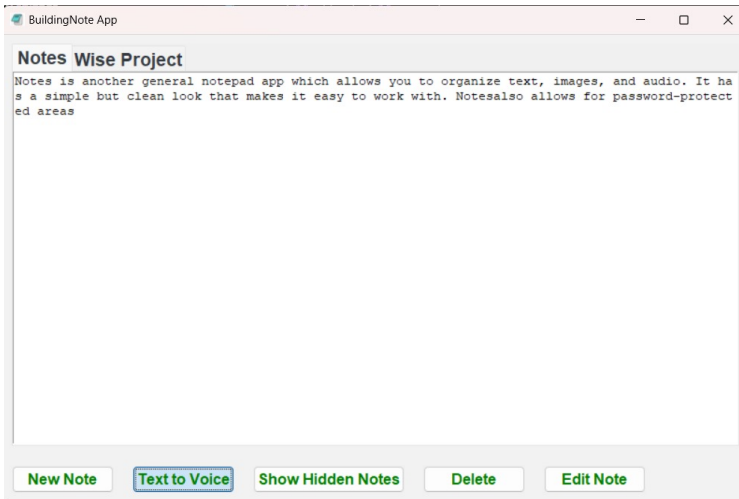
Edit Note

Figure: Edit Note Button.

Figure: Save Notes After Editing.

In this application, you have the ability to edit previously saved notes by clicking the "Edit" button.

1. Once you click the "Edit" button, you can make changes to the note as needed.
2. After editing, simply click the "Save" button to save the changes.
3. Your note will then be updated with the edited version.

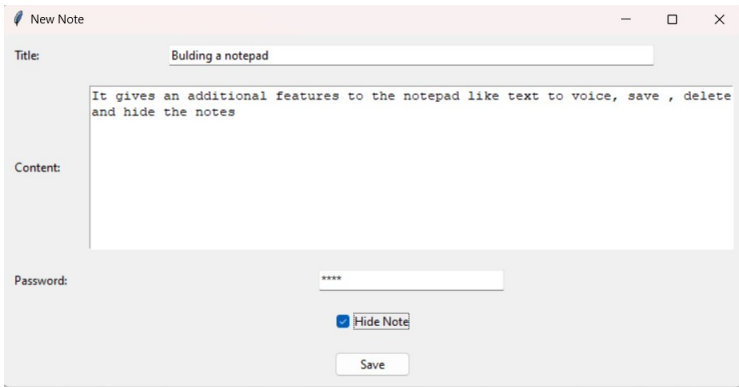This feature allows you to easily modify your existing notes to keep them up to date.

Text to Voice

In this step we can able to listen notes which is previously written in notepad

1. Enhancing the notepad experience by adding a text-to-voice feature, allowing written text to be converted into spoken words with just a few clicks.
2. This innovative functionality enhances accessibility and user engagement, allowing users to listen to their notes instead of reading them.
3. When clicking the text-to-voice button, users receive the voice rendition of the provided text, facilitating easier comprehension and multitasking.

Secure Notes

Notes with passwords can be termed as "password-protected notes" or simply "secure notes." These are notes that contain sensitive information such as passwords or other confidential data and are protected by a password or some form of encryption to prevent unauthorized access.
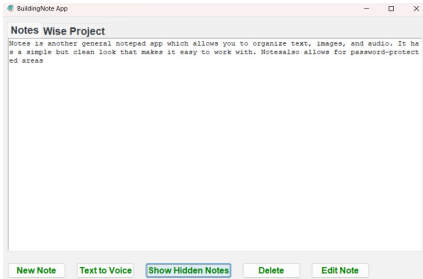
Process To View Protected Notes
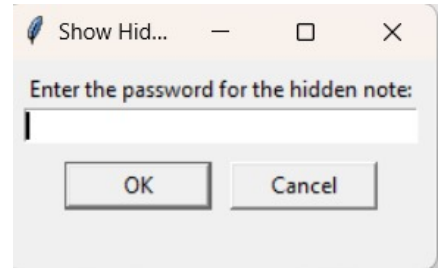

Figure: Shown hidden notes button.

Figure: Password dialog box

Protecting the notes with password authentication, adding an extra layer of security to prevent unauthorized access.

1. After creating a new note, utilize the option to hide notes by ticking the designated checkbox.
2. Assign a password to the specific note for added privacy and security.
3. To view the content of the hidden notes, click on the "Show Hidden Notes" button.
4. Enter the privacy password when prompted to unlock and access the hidden notes securely.
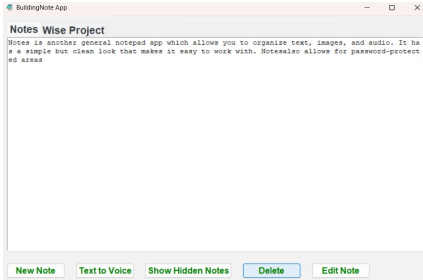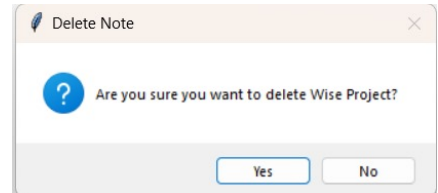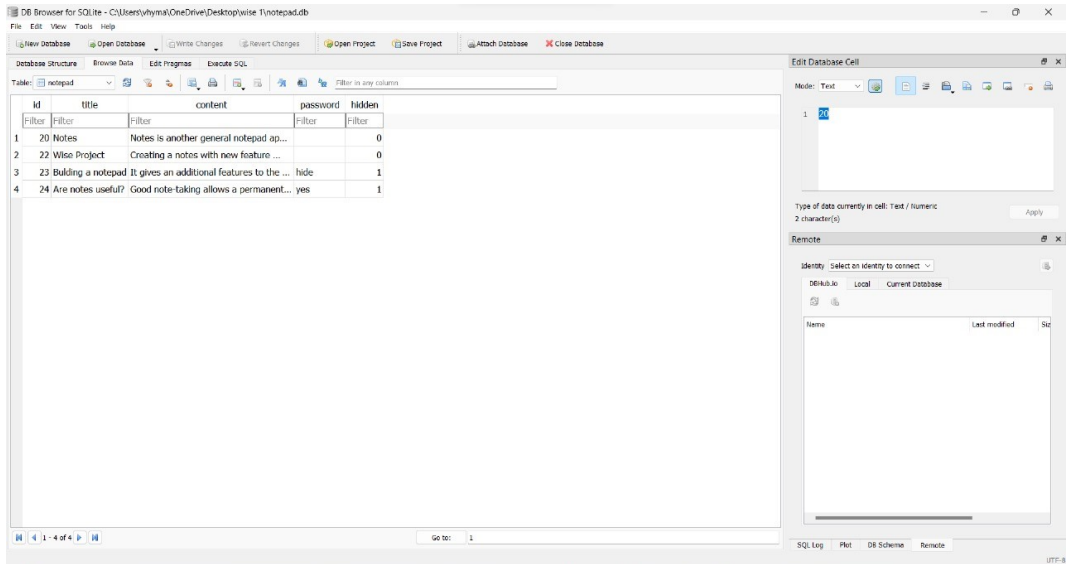
Delete Notes

Figure: Delete Note Button.

Figure: Dialog Box for Confirmation.

Deleting a note is a user-driven action.By removing unwanted notes, users can maintain a clear and organized workspace

1. Select the note you wish to delete from the list of saved notes.
2. To delete a note, simply click on the delete button
3. Confirm the deletion action when prompted to ensure the note is permanently removed from the notepad.

Database

The database plays a crucial role in notepad applications by serving as the backbone for storing and managing generated content efficiently.

Conclusion

In conclusion, text-to-speech conversion is a powerful technology that enables computers to synthesize spoken language from textual input. It has numerous applications in accessibility,navigation, education, entertainment, and more.

Python provides several libraries, such as pyttsx3, that make it easy to implement text-to-speech which made our project - Building Note Unique from other Notepad

"Give voice To Your Feelings and Feelings To Your Words."

Bibliography

References:

- Latex Documentation : https://www.overleaf.com/learn
- Tkinter : https://docs.python.org/3/library/tkinter.html
- Database : https://www.sqlite.org/docs.html