Smart Note Taker

Prepared by Tenjin-team

Our goals:

- **Efficient Note-taking**: Enable users to quickly capture and organize their thoughts, ideas, and information using a simple and intuitive interface.
- **Zettelkasten Integration**: Implement features inspired by the zettelkasten method, allowing users to create and interlink individual notes/cards to facilitate knowledge organization and retrieval.
- **Repetition and Spaced Learning:** Incorporate mechanisms based on the Ebbinghaus forgetting curve to remind users to review and revise their notes at optimal intervals, maximizing long-term retention.
- **Connection Discovery**: Offer features to help users identify and visualize relationships and connections between notes, fostering deeper understanding and insight into complex topics.

Problems we are solving:

- **Disorganized Notes**: Many users struggle with disorganized notes scattered across various platforms or physical notebooks. This app provides a centralized solution for organizing notes effectively, making it easier to find and reference information when needed.
- **Difficulty in Making Connections**: Without a structured approach to note-taking, users may find it challenging to identify and establish connections between different pieces of information. The app's features inspired by zettelkasten methodology help users create and visualize connections, enhancing their understanding of complex topics.

Problems we are solving:

- **Forgetfulness and Retention Issues**: The app addresses the issue of forgetting information over time by incorporating mechanisms based on the Ebbinghaus forgetting curve. By prompting users to review and revise their notes at optimal intervals, it enhances long-term retention and learning efficiency.
- **Lack of Structured Learning**: Many users struggle to structure their learning process effectively, leading to inefficient studying and knowledge acquisition. The app's integration of spaced repetition and structured note-taking helps users create a more organized and efficient learning experience.

Main requirements to our project:

- english and ukrainian versions of the application
- user-friendly interface
- visualization
- possibility to save notes in cloud storage(Google Drive etc.)
- notifications system
- possibility to share your notes or whole file cabinets with other users
- functionality to add media to your notes

Analysis of similar applications

Ankidroid

Advantages:

- cloud storage(Anki)
- flexible customization
- wide functionality
- repetition system

Disadvantages:

- no connections between notes
- specialized for language learning
- not friendly-user interface

Obsidian

Advantages:

- connections between notes
- simple file system(.md)
- graph visualization

Disadvantages:

- no repetition system
- not friendly-user interface

THANK YOU

FOR YOUR ATTENTION

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