

Flashcards App

user documentation

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This document provides a manual on how to use the **Flashcards App** - an application for studying using flashcards.

The application allows the interaction with flashcards in a simple user interface. The application connects to an SQLite database to store and retrieve flashcard data. Users can add new flashcards, view them, remove cards, and study.

System requirements:

- **Java 21** or later

How to launch:

- From the folder where the **pom.xml** file is in run **mvn compile**, then **mvn exec:java**.

Main features:

- **Interactive start:**

After launching the app, the user is asked whether to create a new database or to continue working with the latest created one, and whether to add questions from the file or add them later is the study mode.

Note that adding manually is always available after launching the application, but adding from the file is available only when asked initially.

In case of adding from the file, the user is informed about the expected file content.

Additionally, in the top folder Flashcards App a file `sameInput.txt` is provided.

- **Two modes:**

- **Study mode**

- **Navigating forward and backward** through the flashcards using the "Next" and "Previous" buttons. The content of the flashcard is displayed in the main text area.
 - **Flipping the card** to the question side or to the answer side using the "Flip" button.
 - **Adding a question** manually by clicking the "Add Question" button and entering a question-answer pair in the opened dialogue window.
 - **Deleting a single question** from the database of flashcards using the "Delete Question" button. **Warning:** the removal **cannot be undone**.
 - **Deleting all flashcards** from the database using the "Delete All" button. **Warning:** the removal **cannot be undone**.
 - **Best score** of the current study session stored in the down right corner of the window.

- **Quiz mode** can be entered by clicking the "Quiz Mode" button in the study mode window.

- **Navigating forward and backward** through the flashcards using the “Next” and “Previous” buttons. The content of the flashcard is displayed in the main text area.
- **Checking an answer** to the displayed question. In case of the incorrect answer, the correct one is provided.
- **Score** of the current quiz session stored in the top left corner of the window.
- **Returning to the study mode** using the “Return” button. Before changing the modes, the final score of the quiz session is displayed.