Author

Vivek

21f1004386

21f1004386@student.onlinedegree.iitm.ac.in

Description

Flash cards are used for testing and improving memory through practiced information retrieval. This project is an implementation of web-based application of flash cards using flask.

Technologies used

Flask
Render_Template
Request
Redirect
URL
For
Session
Flash
Sqlite3

DB Schema Design

Table Users
    Columns
    Id: Integer Primary Key AutoIncrement
    Name: Text
    Username: Text, Not Null, Unique
    Password: Text
  Table CARDS
    Columns
    SNo: Integer Primary Key AutoIncrement
    username TEXT NOT NULL,(To relate decks with users)
    Deckname: Text, Not Null
    Front: Text
    Back: Text
    FOREIGN KEY(username) REFERENCES users(username)

Architecture and Features

User first needs to register themselves through the registration page.

He then logs in to his account and views his/her homepage. This is where all his decks will be visible. User can create new deck and add cards to the deck. Later, the user can review the decks and use them as flash cards.

Features of this application include
- Registration and Login of Users
- Creating of Decks and Adding cards to those decks
- Updating decks
- Deleting Decks
- Reviewing Decks and Learn the Deck
- Mark Difficulty Faced to Answer

Video Demonstration

https://bit.ly/3SPPIC4