

vFlashCards
Design Document
CISC 4900, Fall 2023
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Abstract:

The purpose of the project is to bring the convenience of software based flashcards to students. Paper flashcards can be cumbersome to carry and easily misplaced. A web application flashcard mitigates those issues and brings convenience for students who are always on the go.

Wireframe

Home/landing page:

vFlashCards	<input type="text" value="Email"/>
Flashcards at your finger tip :)	<input type="text" value="Password"/>
	<input type="button" value="Log In"/>
	No Account? Sign up

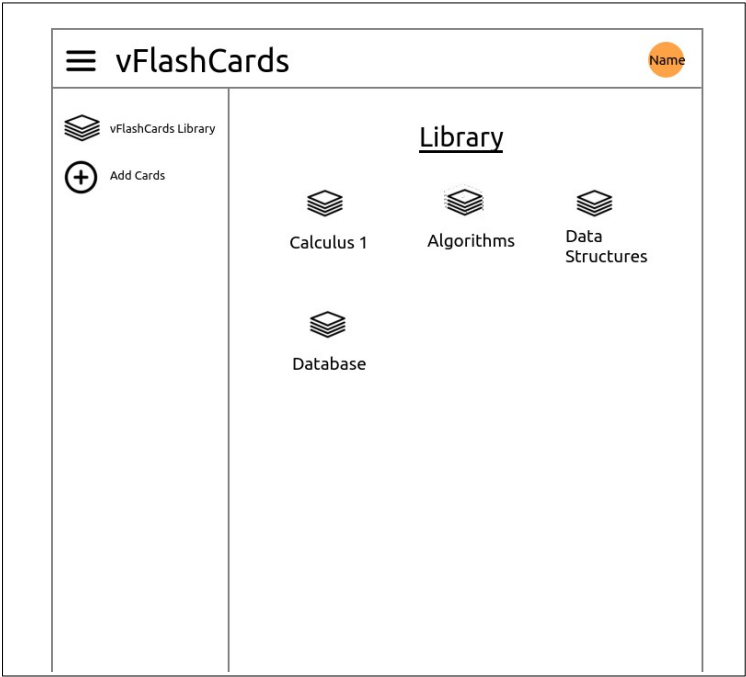
Sign up:

vFlashCards
<input type="text" value="First Name"/>
<input type="text" value="Last Name"/>
<input type="text" value="Email"/>
<input type="text" value="Password"/>
<input type="button" value="Sign up"/>
<input type="text"/>

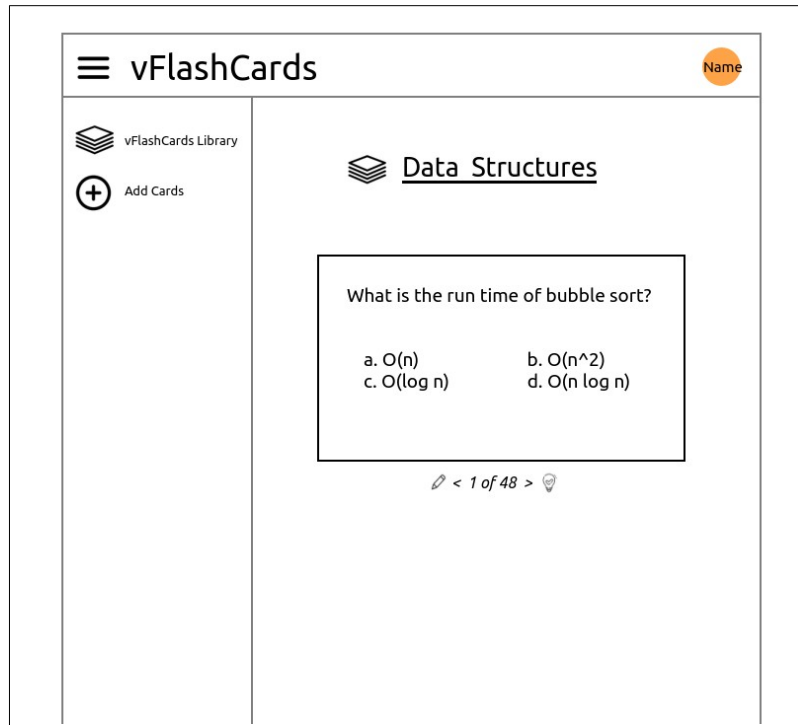
User profile page:



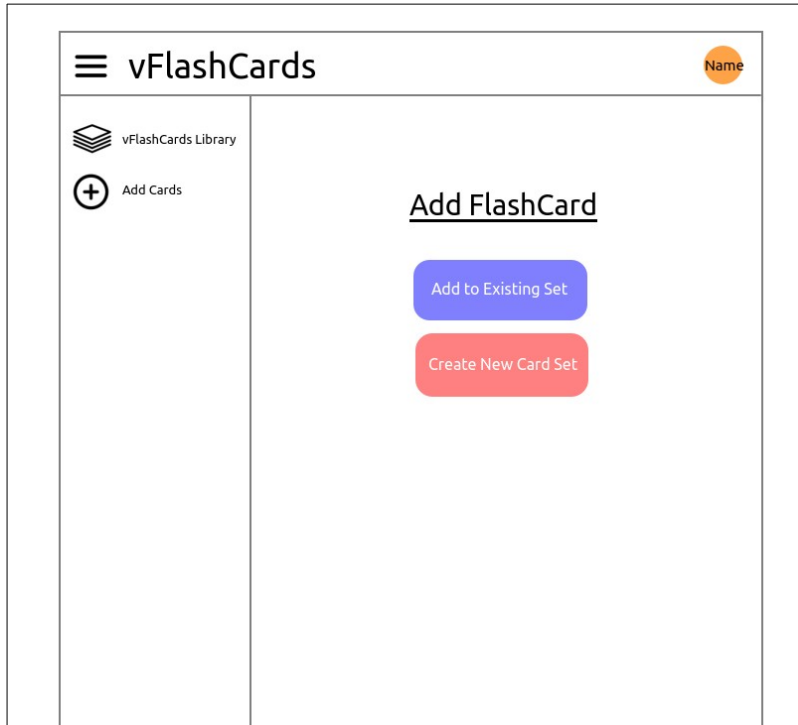
Flashcards library:



View of a flashcards set:



Add cards page-1:



Add cards page-2:

vFlashCards

Name

vFlashCards Library

+

Add Cards

Add FlashCard

Title of New Card Set

Add New Card

Add cards page-3:

vFlashCards

Name

vFlashCards Library

Add Cards

Add FlashCard

Sample Title

Enter text (front side)

Enter text(reverse side)

Add cards page-4:

vFlashCards

Name

vFlashCards Library

Add Cards

Add FlashCard

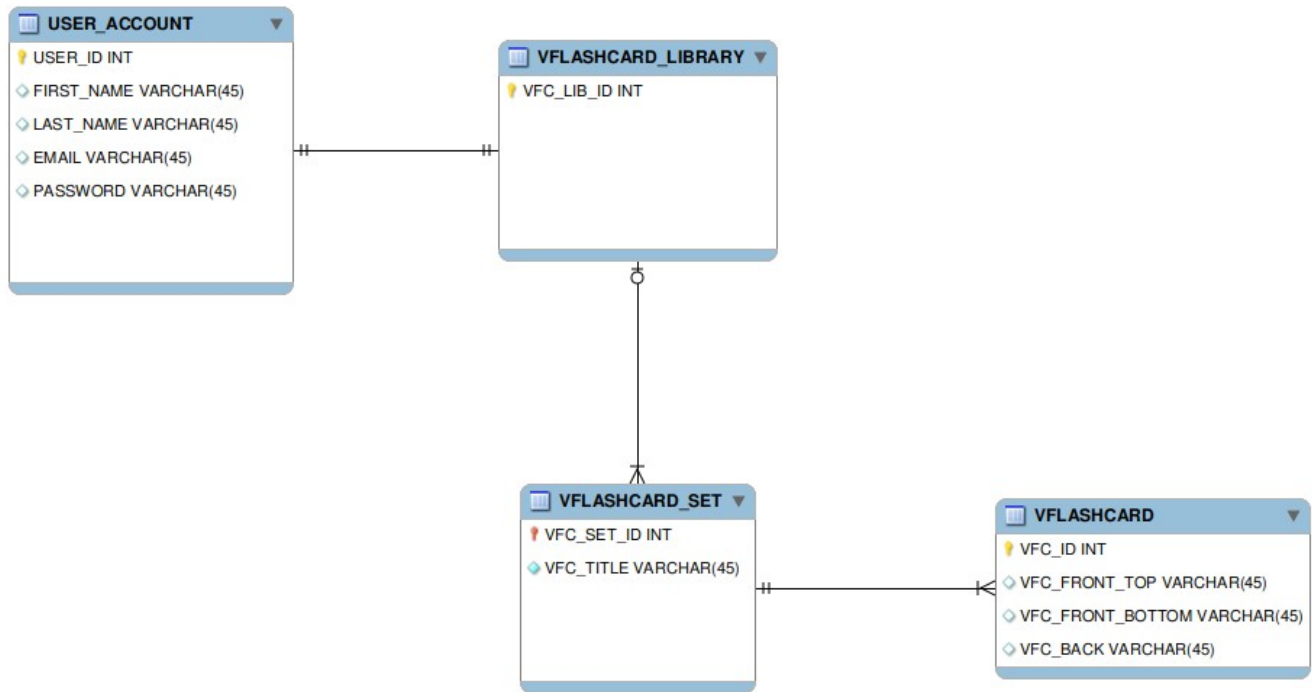
Sample Title

Enter text(reverse side)

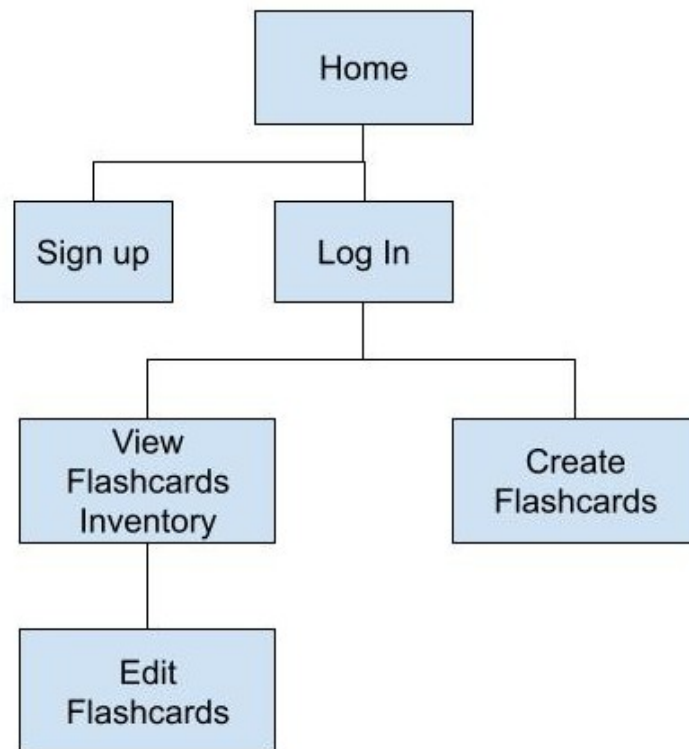
Save

Add Another

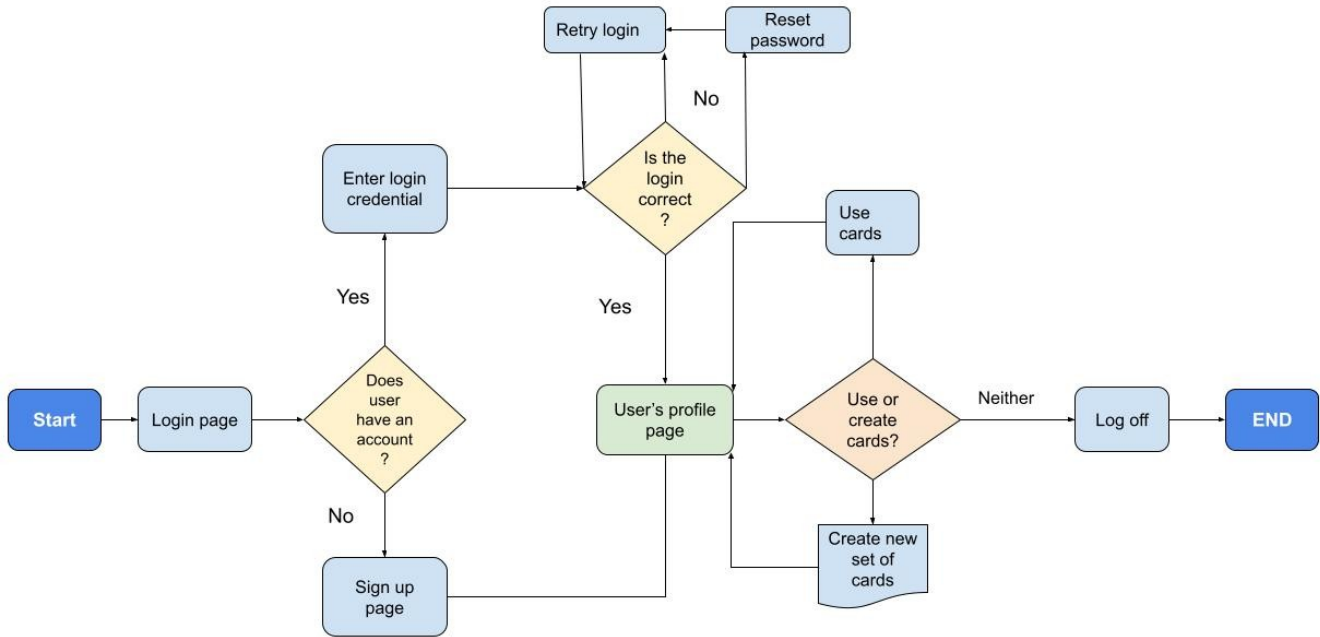
ERD Diagram



Sitemap



User Flow Chart



Tentative Schedule

Task	Description	Due Date
Research on the type of DB to use	Debate on whether to go with NoSQL or relational DB	09/13/23
Refine the existing ERD model	Follow up during CTP office hours	09/13/23
Refine user workflow	Refine the existing version as seen in initial design document	09/17/23
Built out the backend	Using Express, NodeJS, DB (TBD)	09/30/23
Built out the frontend	Using React	10/15/23
Deliver minimum viable product		10/30/23
Incorporate vFC sharing	Allow site members to share sets from their library	11/15/23
Incorporate Deepl	Language translation (tentative)	11/15/23
Incorporate localization	Tentative	11/25/23
Incorporate internationalization	Tentative	11/25/23