

## Study Session

De'Anna Jones

11/6/2024

Study Session is an educational app that allows the user to create flash cards for them to study with. On the main screen the user can view all the decks they have created as well as a switch to choose which side to study on. If the user picks to review, the user will be shown the review screen with the information on it, and when the user press the button a modal shows them the other side of the flash card with a button to flip over. There will be also a next and back button on the card for the user to go through all of them. The other sections of the app are edit and add new deck. The edit section of the app allows for the user to add new cards to an existing and edit existing cards. The steps to edit a deck are the user needs to pick the deck on the Edit All Deck screen and the user will be able to edit that deck on the Edit Specific Deck screen. If the user wants to edit a card, the user would need to pick the card and then the user will be brought to the Edit Specific Card Modal. The Add New Deck screen allows the user to make a completely new deck with name, but uses most of the logic and screens from the edit line of logic such as the Edit Specific Card Modal to add a card to the deck. When the user is done, they will click save and the flash card deck will be useable and editable after that. This app will use app wide state management to keep track of the information on the cards and what gets changed and updated by the user. There will also be a favorite system for the decks the user wants quick access to. Icons and Linear Gradients will be used for styling the app and for the Drawer navigation. Modals and text inputs will be used for the user to input information there will be a text validation if the name of deck is taken by another deck. There will be a Database utilization for to keep track of all the information of deck and flash cards which is shown to the user with a flatlist. For usability, there will be multiple orientation for the user to use. There will be a switch in the top corner of the main deck selection page allows the user to pick which side of the flash card is initial shown. This allows for user to pick which side the flash card will show when they are studying the material. Draw and stack navigation is used. A way to expand on this app is to allow the user to make questions and quizzes.

Other side  
Modal

Back of Card

Flip  
(Button)

Back  
(Button)

Next  
(Button)

Edit Specific Deck Screen

Title of Card Deck

Save Title  
(Button)

Flat list

Front side Info

Back side Info

Edit  
(Button)

Delete  
(Button)

Front side Info

Back side Info

Edit  
(Button)

Delete  
(Button)

Add Card  
(Button)

Add New Deck Screen

Title

Enter title  
(Button)

Flash Cards that  
user Creates

Add Card  
(Button)

Cancel  
(Button)

Save  
(Button)

Favorite Deck Screen

Favorited Deck Screen

Title of Card Deck

Review  
(Button)

Title of Card Deck

Review  
(Button)

Title of Card Deck

Review  
(Button)

Front

Select a Deck

Flat list

Title of Card Deck	Review (Button)
Title of Card Deck	Review (Button)
Title of Card Deck	Review (Button)

Initial Card Screen

Front of Card

Flip (Button)

Back (Button) Next (Button)

Edit Specific Card Modal

Front Information

Text Input

Back Information

Text Input

Cancel (Button) Save (Button)

All Decks

Title of Card Deck	Edit (Button)	Delete (Button)
Title of Card Deck	Edit (Button)	Delete (Button)
Title of Card Deck	Edit (Button)	Delete (Button)