

## Executive Summary

Note: can also see README.md for most the marketing materials as well.

Executive summary:

This app is motivated because the current most popular flashcard study app that uses spaced repetition, Anki, has an expensive mobile app of \$20 in the App Store. This app is a much simpler version of Anki that is free for all users. The app can become a personalized learning tool aimed at improving study efficiency. The app allows users to create and manage decks of flashcards, track their progress, and adapt their study sessions based on their performance. The app fits into the App Store landscape by addressing the need for a FREE Anki-like app that is very simple to use, as Anki can get very complex sometimes with the amount of data presented to the user about their decks. The app helps users of all ages and educational levels, from students to professionals, to study effectively using flashcards. This applies to medical students to language learners. From a technical standpoint, Banki utilizes UserDefaults to store data locally and act as a context/ground truth for the application. This works for this simple implementation, but as the app scales up- and outward, a different implementation might be necessary to handle more card data. It comprises of a TabView with three tabs: a DecksView, StudyView, and UserView. DecksView allows users to add, delete, or modify decks (by adding or removing cards), StudyView allows users to study a given deck (chosen in UserView) by swiping left or right for each card, and UserView allows for change switch between dark and light mode and choose the deck they would like to study. In the StudyView, users can swipe each card right (to indicate successful recall) or left (to indicate unsuccessful recall).