

Estimated Time Required for Each Feature

Must Have Features

1.1. The user shall be able to create flashcard decks.

1 hour

1.2. The user shall be able to delete flashcard decks.

1 hour

1.3. The user shall be able to create flashcards.

1 hour

1.4. The user shall be able to delete flashcards.

2 hours

1.5. The user shall be able to create basic flashcards. They show the prompt and ask the user how comfortable they felt with a flashcard, which determines how long until the card is shown again.

3 hours

1.6. The user shall be able to create true/false flashcards. They have true or false as an option, and only one of those options is correct. Getting the answer wrong decreases the delay until the next due date, whereas getting it right increases the delay.

3 hours

1.7. The user shall be able to create multiple choice flashcards. They user provides 1-4 options separated by a | character, and only one of these options is correct. Getting the answer wrong decreases the delay until the next due date, whereas getting it right increases the delay.

3 hours

1.8. The user shall be able to study their cards by clicking on the deck they wish to study from. The user will see the flashcard's prompt, and the user will be able to provide their answer which determines how long until the card is shown again.

10 hours

Nice to Have Features

2.1. The user shall be able to edit the name of a flashcard deck.

2 hours

2.2. The user shall be able to edit flashcards.

3 hours

2.3. The user shall be able to search for flashcards by entering search terms that will match cards' prompts.

4 hours

2.4. The user shall be able to export their flashcard decks so that they can share them with others.

3 hours

2.5. The user shall be able to import flashcard decks so that they can download decks from others.

3 hours

2.6. The user shall be able to create cloze flashcards. They present the user with a phrase that has a section blanked out that the user must fill in. Correctly filling in the blank leads to the correct answer.

3 hours

2.7. The user shall be able to view the details of a card, which tells the user the card's creation date, due date, due date multiplier, and so on.

3 hours

Owners for Features and Work Estimates

Since Anthony Zhang is the only member of the team, he will be assigned the owner of all must have features, and will complete the nice to have features if the opportunity arises.

Work Estimate for All Must Have Features: 24 hours

Wireframes

The wireframes for all of our must-have features (features 1.1 through 1.8) are in the Milestone 2 folder.

Path: Milestones/Milestone 2/Wireframes

The image **'Add Decks + Delete Decks.png'** shows the wireframe for features 1.1 and 1.2. The user can create flashcard decks by pressing the plus icon in the top right of the decks page, which shows an alert box with a prompt for the deck's title.

The user can swipe left on a deck in the table which shows the Delete button, which is how a user can delete their decks.

The image **'Study Cards + Create Card Button.png'** shows the wireframe for features 1.3 and 1.8. The user can create flashcards by pressing the plus icon in the top right of the View Cards page, which prompts them for which type of card to create.

The page is also where the user can study their flashcards. They are prompted with the prompts from their due flashcards. The user can then respond by pressing buttons which affect when the card will next be due. Correct answers / marking the card as "Okay" or "Easy" makes the due date further in the future, whereas wrong answers / marking the card as "Retry" or "Hard" makes the due date closer in the future.

The image **'Card Details + Delete Card.png'** shows the wireframe for features 1.4 and 2.7. The user can delete flashcards by pressing the trash icon on the top right. They can also delete flashcards when viewing their cards, as well as when searching for cards.

The page shows the details of a card, so that the user can see when their card will be next due as well as any other information they would like to know.

The image '**Create Cards.png**' shows the wireframe for features 1.5, 1.6, and 1.7. The user can create flashcards of various types. They all require different inputs.

Basic Cards need a prompt containing the card's question, and a solution, containing the card's answer.

True / False cards need a prompt containing the card's question, and a solution, which can be either True or False.

Multiple Choice cards need a prompt containing the card's question, the multiple choice options containing the possible choices for their answer (up to 4), and the solution, which is the correct option from their provided multiple choice options.

The image '**Search Cards.png**' shows the wireframe for feature 2.3. The user can search for cards by their prompt on this page, as well as delete cards by swiping left on them.