

Flashcard App (Frontend User Stories)

Learning objective: Use React.js, React Hooks, Axios, and CSS to build a flashcard app that will help students study words and definitions of various technologies.

Technologies: React.js, HTML, CSS, Create React App, Axios

Total project points: /70

Total weighted points to final grade (including backend and frontend user stories): /100

Bonus user stories will only be counted once all project features are completed and/or attempted.

It is a requirement to use React Hooks on this project.

Frontend Features:

(5 points) As a developer, I want at least 25 commits with descriptive commit messages.

(5 points): As a web designer, I want to create a wireframe for my application

(5 points) As a developer, I want to create a React app using 'Create React App'.

(5 points) As a developer, I want to use React.js best practices and function components with React Hooks.

(5 points) As a developer, I want to use CSS appropriately to make an aesthetically pleasing application.

(7.5points) As a user, I want to make an Axios GET request to my backend API so that I can see each available collection with its title.

(7.5points) As a user, I want to make an Axios GET request to my backend API so that I can see each available flashcard within a collection, including the word and definition of the flashcard.

(7.5 points) As a user, I want the ability to create a flashcard through a form and make an Axios POST request to my backend API to create words and definitions in my application.

(7.5 points) As a user, I want the ability to update a flashcard through a form and make an Axios PUT request to my backend API to modify the words and definitions of existing cards.

(5 points) As a user, I want the ability to go to the next card in the collection or a previous card in the collection.

(5 points) As a user, I want to see a count of how many total cards are in a collection as well as what number card is currently active in the collection.

(5 points) As a user, I want to select a collection to put in use, with the "active" collection being visibly different than the other collections.

Bonus Features:

As a user, I want there to be an animated transition from word to definition and vice versa when I click on a flash card.

As a user, I want to create a collection of flash cards, so that I have a container to store my newly created flash cards.

As a user, I want to give a collection of flash cards a title, so that I have a way to differentiate each collection of flash cards.

As a user, I want to delete a flash card in a collection, so that I can modify and delete flash cards.