

PROJECT SPECIFICATION

Mobile Flashcards

Application Setup

CRITERIA	MEETS SPECIFICATIONS
Is the application easy to install and start?	The application requires only <code>yarn install</code> and <code>yarn start</code> to install and launch. <code>npm</code> can be used in place of <code>yarn</code> .
Does the application include a README with clear installation and launch instructions?	A README is included with the project. The README includes clear instructions for installing and launching the project.

Application Functionality

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Is the initial view a Deck List view?	The primary view, seen when the app loads, is a list of created decks which includes the name of each deck and the number of cards.

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Does the Deck List view function correctly?	Pressing on a deck in the list should generate an animation, and the app should route to an individual deck view.
Does the Individual Deck view display the correct information?	<p>The individual deck view includes (at a minimum):</p> <ul style="list-style-type: none"> • The deck title • Number of cards in the deck • Option to start a quiz for that deck • Option to add a new question to the deck
Does the Individual Deck view function correctly?	Pressing the 'Start a Quiz' or 'Add Card' button properly routes to the correct views for those activities.
Does the New Question view function correctly?	<p>The New Question view includes a form with fields for a question and answer, and a submit button.</p> <p>Submitting the form correctly adds the question to the deck.</p>

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Does the Quiz View function correctly?	<ul style="list-style-type: none"> • The Quiz view starts with a question from the selected deck. • The question is displayed, along with a button to show the answer. • Pressing the 'Show Answer' button displays the answer. • Buttons are included to allow the student to mark their guess as 'Correct' or 'Incorrect' • The view displays the number of questions remaining. • When the last question is answered, a score is displayed. This can be displayed as a percentage of correct answers or just the number of questions answered correctly. • When the score is displayed, buttons are displayed to either start the quiz over or go back to the Individual Deck view. • Both the 'Restart Quiz' and 'Back to Deck' buttons route correctly to their respective views.
Does the New Deck view work correctly?	<p>The view includes a form for creating a new deck - which should just be an input for the title and a 'Create Deck' button.</p> <p>Pressing the button correctly creates the deck and routes the user to the Individual Deck view for the new deck.</p>
Does the user receive a notification at a particular time if they haven't studied that day?	<p>Logic for notification has been implemented. Notifications are generated at a specific time if the user hasn't completed at least one quiz for that day.</p>

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Does the app function correctly in either Android or iOS?	<p>The app works correctly in either Android OR iOS devices (or emulator).</p> <p>Project README identifies which platform(s) have been tested.</p>

Code Quality

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Is the code well written and reasonably structured?	Project code uses reasonable naming conventions. Components are written for reuse and use a modular structure.
Does the project compile and run without error?	There are no build errors when starting the app. There are no errors while using the app.