



PROJECT SPECIFICATION

Mobile Flashcards

Application Setup

| CRITERIA | MEETS SPECIFICATIONS |
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| 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. |
| 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? | The individual deck view includes (at a minimum): <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 'Create New Question' button properly routes to the correct views for those activities. |

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| 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> |
| 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 display, 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 push notification at a particular time if they haven't studied that day? | <p>Logic for push notification has been implemented. Push notifications are generated at a specific time if the user hasn't completed at least one quiz for that day.</p> |
| 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? | <p>Project code uses reasonable naming conventions. Components are written for reuse and use a modular structure.</p> |
| Does the project compile and run without error? | <p>There are no build errors when starting the app. There are no errors while using the app.</p> |

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