

R1 The application shall contain games to reinforce learning of mathematical concepts

R2 The application shall implement a graphical user interface (UI)

R2.1 The application shall show a main menu on initial launch

R2.1.1 The main menu shall contain buttons to user profile, games, and tutorials

R2.2 The UI shall contain a tutorial section

R2.2.1 The tutorial screen shall display high-level tutorial categories for the user to choose from

R2.2.2 The tutorial categories shall display drop-downs of their contained tutorials upon being tapped

R2.2.3 The user shall be taken to the appropriate tutorial upon tapping a contained tutorial

R2.2.3.1 The tutorial shall be a text-based activity with scrolling

R2.2.3.2 The user shall be able to navigate back to other menus from the tutorial

R2.3 The UI shall contain a games section

R2.3.1 The UI shall provide a game select screen for the user to select from the application's games

R2.3.1.1 The game select screen shall display categories for the user to choose from

R2.3.1.2 The user shall be taken to the game options screen upon tapping a category

R2.3.2 The UI shall provide a game options screen for user to configure the game parameters

R2.3.2.1 The game options screen shall display options for the user to manipulate game time duration

R2.3.2.2 The game options screen shall display options for the user to specify the number of questions

R2.3.2.3 The game options screen shall display options for the user to specify whether or not problems will be scored

R2.3.2.4 The user shall be taken to the appropriate game upon tapping a game start button

R2.3.3 The UI shall provide a way for the user to play the application's games

R2.3.3.1 The in-game screens shall contain a button to end the current game

R2.4 The UI shall contain a section for viewing the user's statistics

R2.4.1 The statistics screen shall display high-level statistics categories for the user to view

R2.4.1.1 The high-level categories shall be displayed in a scrollable, horizontal bar

R2.4.2 The information within each category shall be presented graphically

R3 Tutorial

R4 User profile

R5 Feedback