Requirements Specification for QuizMenu

My project is a Java Quiz Program.

On the menu bar there are two menus – a file menu and user menu. In the file menu there are 5 menu items save, open, new, new file and quit. The save() method saves the users details in a file users.dat using FileOutputStream. The open can re-open the user’s details from users.dat using FileInputStream. The new menu item in the file menu opens up a new quiz with a score 0. The new file enables a user using a JFileChooser to open a file and returns to the program with the file name and path. The quit() method exits the program.

The user method has 3 menu items – add, display and high scores. The add menu item adds a user to the program. It prompts the user to enter in their name, initials and personal best high score(not generated on quiz) and is put into an array of users. The display menu item displays all the users in the array. The Highscores menu generates a text area on a message dialog with the users name and highscores.

On clicking the x to terminate the program the user will be asked to confirm if they want to shut down and exit with a confirmation dialog.

The quiz only moves onto the next question when the answer to the first question is correct and so on using an actionPerformed event and setting the buttons to enabled. The quiz also only allows the user click the finish button quiz once all answers are correct.