**Patrick Dickey**

**Sean Jergensen**

**Testcase 1001**

*System*: Science Quiz

*Test*: Launches a new quiz then skips directly to results.

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button

3.Tap Finish Quiz

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. Results of 10 questions, 0 attempted, 0 correct answers, and 0% should display after finish quiz is clicked.

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1002**

*System*: Science Quiz

*Test*: Tests that a single wrong answer is reported correctly

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button.

3. Select a wrong answer and tap the Answer Question button.

4. Tap Finish Quiz

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. An Incorrect dialog should show when the Answer Question button is clicked.

3. Results of 10 questions, 1 attempted, 0 correct answers, and 0% should display after finish quiz is clicked.

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1003**

*System*: Science Quiz

*Test*: Tests that a single correct answer is reported correctly.

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button.

3. Select a correct answer and tap the Answer Question button.

4. Tap Finish Quiz

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. A correct dialog should show when the Answer Question button is clicked.

3. Results of 10 questions, 1 attempted, correct answers, and 10% should display after finish quiz is clicked.

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1004**

*System*: Science Quiz

*Test*: Test basic next question functionality

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button.

3. Tap the Next Question button.

4. Tap Finish Quiz

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. An Incorrect dialog should show when the Answer Question button is clicked.

3. Results of 10 questions, 0 attempted, 0 correct answers, and 0% should display after finish quiz is clicked.

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1005**

*System*: Science Quiz

*Test*: Tests skipping all questins

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button.

3. Tap the Next Question button until the 10th question

4. Tap Finish Quiz

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. Results of 10 questions, 0 attempted, 0 correct answers, and 0% should display after finish quiz is clicked.

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1006**

*System*: Science Quiz

*Test*: Tests that the correct answers are recorded as correct

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button

3. Complete the quiz answering all questions correctly

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. Questions displayed in the quiz should be unique and randomly selected from the 50 question file.

2. Results shown after answering the last question should be 10 questions, 10 attempted, 10 correct answers, and 100%

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1007**

*System*: Science Quiz

*Test*: Tests that the incorrect answers are recorded as incorrect

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button

3. Complete the quiz answering all questions incorrectly

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. Questions displayed in the quiz should be unique and randomly selected from the 50 question file.

2. Results shown after answering the last question should be 10 questions, 10 attempted, 0 correct answers, and 0%

*Cleanup:*

Tap home to exit or new quiz to continue with other test cases.

**Testcase 1008**

*System*: Science Quiz

*Test*: Tests question answer memory

*Instructions*:

1. Launch the GroupG Science Quiz app

2. Tap the start quiz button

3. Answer the first question

4. Tap back from the second question

*Expected result:*

1. GUI should display a random question with answers in random order when start quiz is clicked.

2. When the first question is displayed for the second time the radio button that was answered previously should be selected.

*Cleanup:*

Tap home to exit.