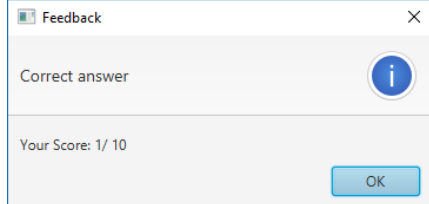
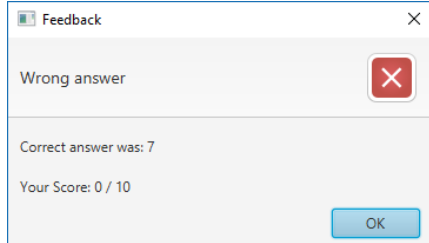
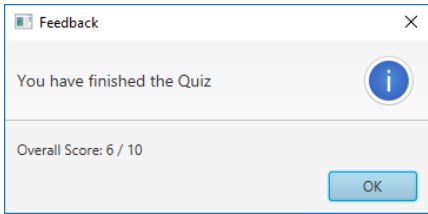
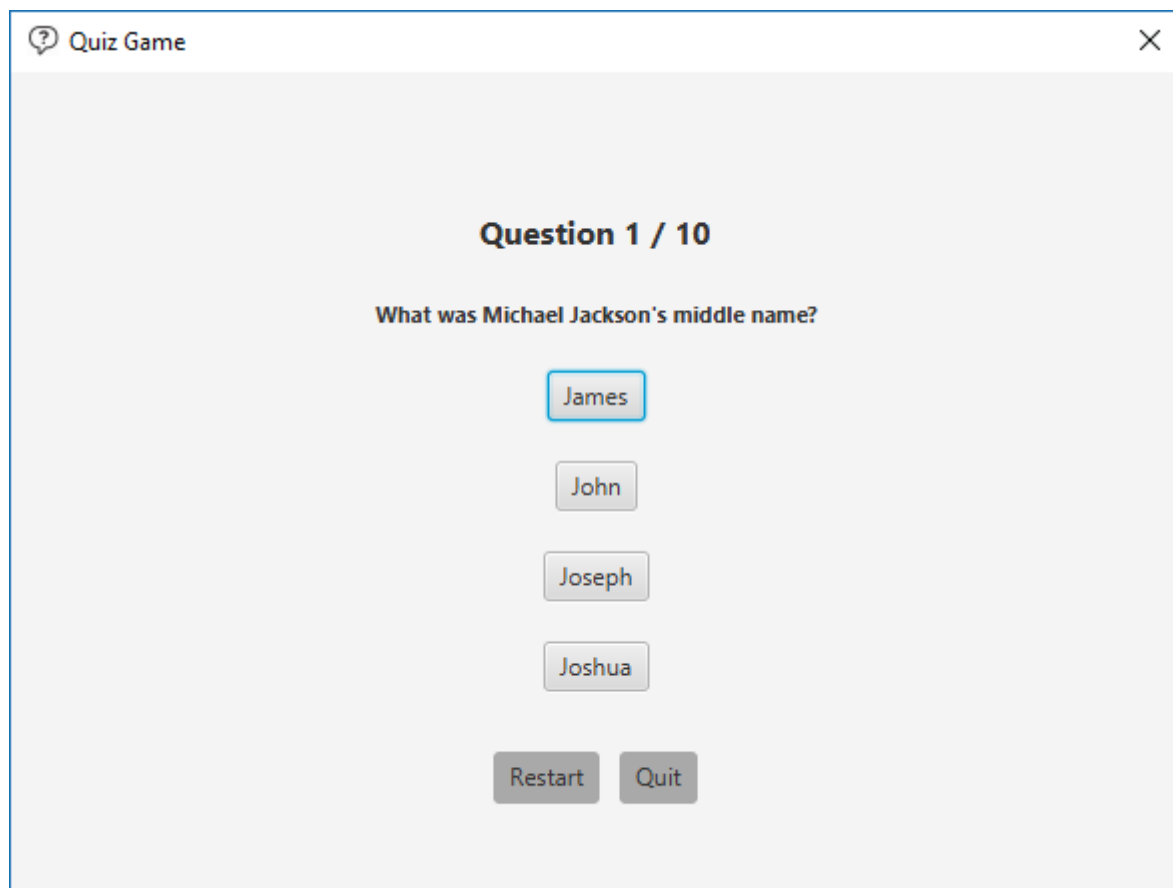
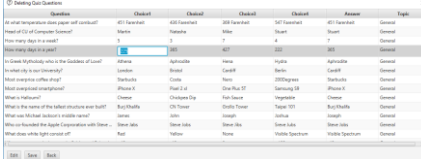
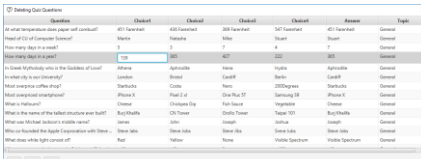

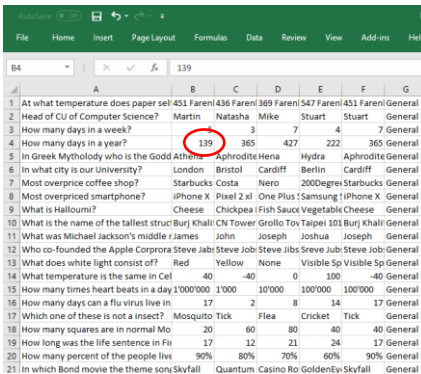


| | | | |
|---|---|---|-----------|
| Test Case Id: 01 | | Test Purpose: Enable visitors to take part in a quiz | |
| Environment: Written in Java using JDK 8 v121 running in Windows 10 | | | |
| Preconditions: The quiz preferences must be set up by the engagement team | | | |
| Test Case Steps: 6 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Start the quiz. | The quiz user interface is displayed which shows the question and the multiple-choice answers as buttons. Along with the restart and quit buttons. | Pass |
| 2 | From the 4 answer buttons, select the button which has the right answer. | <div></div> <p>The user is displayed with a pop showing they answered correctly and also an “OK” button which allows them to make it disappear. Also, a running score is displayed</p> | Pass |
| 3 | (Alternate flow of step: 2) From the 4 answer buttons, select the button which has the wrong answer. | <div></div> <p>The user is displayed with a popup showing they answered wrongly and also an “OK” button which allows them to make the popup disappear. The correct answer & a running score is displayed.</p> | Pass |
| 4 | For steps 2 and 3, in the pop window click the “OK” button. | Returns the user to the quiz for both steps. And display the next question along with its respective answers. | Pass |

| | | | |
|-------------------------------|---|---|------|
| 5 | Answer ALL the questions of the quiz correctly or in-correctly. |  <p>The quiz allows all 10 questions to be answered through multiple choices.</p> <p>After the last question is reached a pop window appears showing how much the user scored.</p> | Pass |
| 6 | (Alternative flow to step 5) Click the quit button | The quiz window closes, and the user is taken to the very beginning window which is the Quiz Launcher. | Pass |
| Comments: | | | |
| Related Tests: | | | |
| Author: Rayner Da Cruz | | Checker: Spyros Lontos | |

Interface Used:



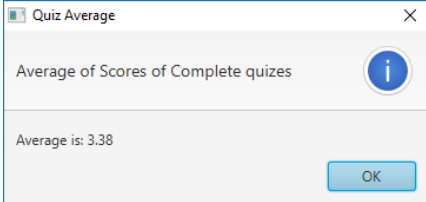
| | | | |
|--|---|--|-----------|
| Test Case Id: 02 | | Test Purpose: Allow the COMSC engagement team to amend current questions | |
| Environment: Program written in Java 8 | | | |
| Preconditions: “Amend Question” button pressed in “Settings” Menu | | | |
| Test Case Steps: 5 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Press “Edit” button | Makes table cells Editable | Pass |
| 2 | Double click a table cell to amend its contents. |  <p>Cell text can be edited</p> | Pass |
| 3 | Change cell content |  <p>Cell selected contains new content</p> | Pass |
| 4 | Press “Enter” to store new content |  <p>Cell content is updated</p> | |
| 5 | Press “Save” button to store changes in the “listQuestions.csv” file. |  <p>“listQuestions.csv” file is updated with the changes</p> | Pass |
| Comments: If the user changes the cell content but doesn’t press the “Save” button the changes will not be made in the “listQuestions.csv” file, thus changes will not be shown while taking the Quiz. | | | |
| Related Tests: | | | |
| Author: Spyros Lontos | | Checker: Adriano Sole | |

Spyros Lontos
C1722325

Interface Used:

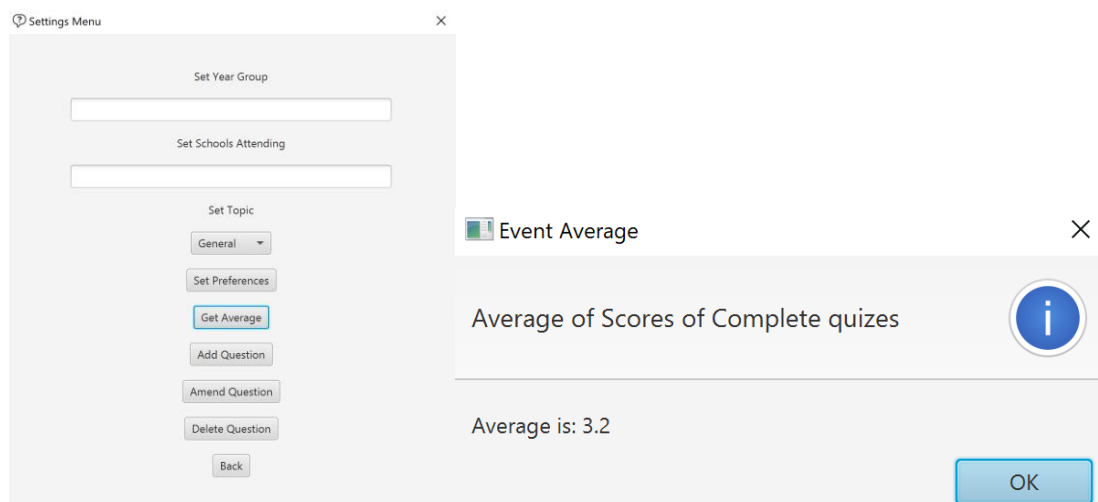
| Question | Choice1 | Choice2 | Choice3 | Choice4 | Answer | Topic |
|---|---------------|---------------|---------------|------------------|------------------|---------|
| At what temperature does paper self combust? | 451 Farenheit | 436 Farenheit | 369 Farenheit | 547 Farenheit | 451 Farenheit | General |
| Head of CU of Computer Science? | Martin | Natasha | Mike | Stuart | Stuart | General |
| How many days in a week? | 5 | 3 | 7 | 4 | 7 | General |
| How many days in a year? | 139 | 365 | 427 | 222 | 365 | General |
| In Greek Mythology who is the Goddess of Love? | Athena | Aphrodite | Hena | Hydra | Aphrodite | General |
| In what city is our University? | London | Bristol | Cardiff | Berlin | Cardiff | General |
| Most overprice coffee shop? | Starbucks | Costa | Nero | 200Degrees | Starbucks | General |
| Most overpriced smartphone? | iPhone X | Pixel 2 xl | One Plus 5T | Samsung S9 | iPhone X | General |
| What is Halloumi? | Cheese | Chickpea Dip | Fish Sauce | Vegetable | Cheese | General |
| What is the name of the tallest structure ever built? | Burj Khalifa | CN Tower | Grollo Tower | Taipei 101 | Burj Khalifa | General |
| What was Michael Jackson's middle name? | James | John | Joseph | Joshua | Joseph | General |
| Who co-founded the Apple Corporation with Steve ... | Steve Jabs | Steve Jobs | Steve Jibs | Sreve Jubs | Steve Jobs | General |
| What does white light consist of? | Red | Yellow | None | Visible Spectrum | Visible Spectrum | General |
| What temperature is the same in Celsius and Fahren... | +40 | -40 | 0 | +100 | -40 | General |

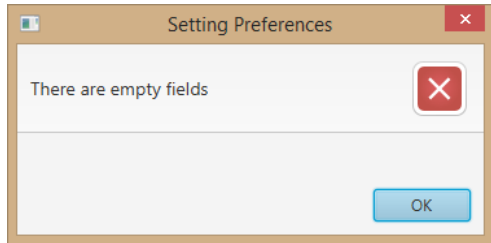
Edit
Save
Back

| | | | |
|--|----------------------------|---|-----------|
| Test Case Id: 03 | | Test Purpose: Allow the COMSC engagement team to obtain statistics from the users taking the quiz. | |
| Environment: Program written in Java 8 | | | |
| Preconditions: Event information such as “Year Group” and “Schools Attending” have been entered and the quiz has been played a few times so that the statistics can be checked. | | | |
| Test Case Steps: 2 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Press “Get Average” button | <div><p>Shows a pop-up box with the average marks that users acquired during the event.</p></div> | Pass |
| 2 | Press “OK” button | The pop-up box closes and a “Settings” menu is presented. | Pass |
| Comments: | | | |
| Related Tests: | | | |
| Author: Ryan Harris | | Checker: Alfie Potter | |

Ryan Harris
C1739845

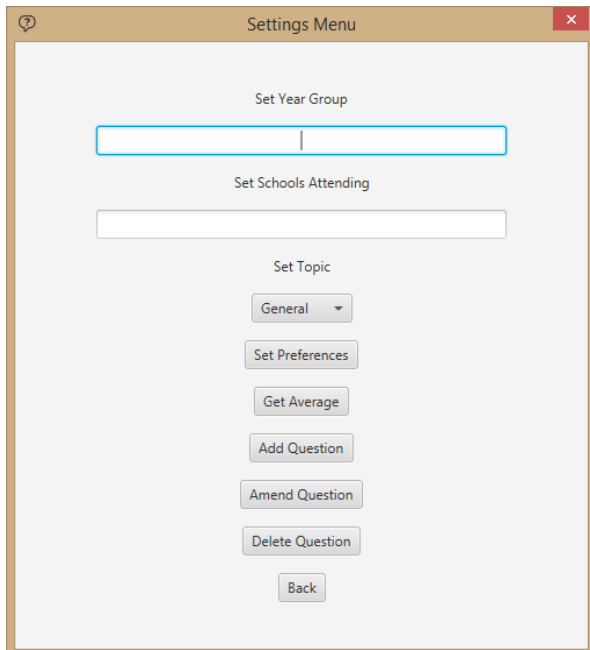
Interface Used:



| | | | |
|---|--|---|-----------|
| Test Case Id: 04 | | Test Purpose: Testing entering information about schools attending | |
| Environment: Program written in Java 8 | | | |
| Preconditions: Logged in successfully to admin settings | | | |
| Test Case Steps: 4 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Enter “Year 3” into the Set Year Group field | Set Year Group field now contains the year group | Pass |
| 2 | Enter “St Andrews” in the Set Schools Attending field | Set Schools Attending field now contains the schools name | Pass |
| 3 | Select “General” using the drop-down menu | Set Topic drop-down box has “General” selected | Pass |
| 4 | Press the Set Preferences button to save the details to file | The first two fields are cleared to show that data has been added | Pass |
| Comments: in the case that the user presses the Set Preferences button without the first 2 steps done they will be presented with an error screen. | | | |
|  | | | |
| Related Tests: Set topic | | | |
| Author: Adriano Sole | | Checker: Rayner Da Cruz | |

Adriano Sole C1731426

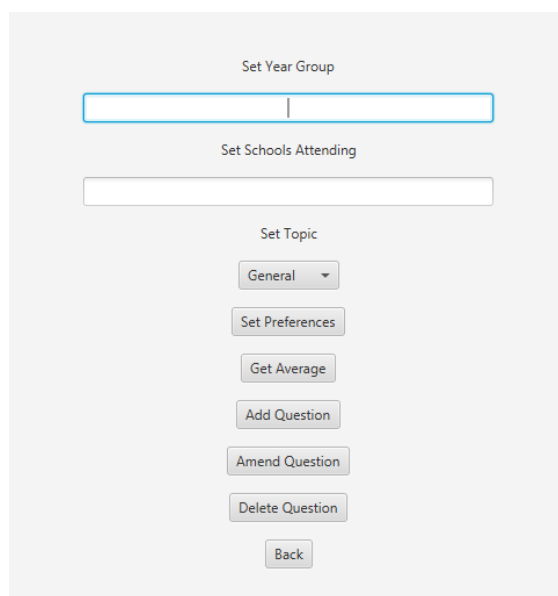
Interface used:



| | | | |
|---|--|--|-----------|
| Test Case Id: 05 | | Test Purpose: To test selecting a specific topic for the quiz being taken | |
| Environment: Program written in Java 8 | | | |
| Preconditions: Logged in successfully to admin settings | | | |
| <div><div><div>?</div><div>Admin Login</div><div>×</div></div><div>Admin Password</div><div><div></div><div>•••••</div><div></div></div><div>Login</div><div>Back</div></div> | | | |
| Test Case Steps: 2 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Click on the drop-down menu under Set Topic | The list of topics will show on the drop-down menu | Pass |
| 2 | Select the topic you want the quiz to be based about | The box will have your selected topic and the quiz will only ask questions based on that topic | Pass |
| Comments: The default topic is GENERAL. So, if the user doesn't change anything the quiz is automatically set to ask the GENERAL topic questions. | | | |
| <div><div>Set Topic</div><div>General ▾</div></div> | | | |
| Related Tests: Attending Schools Information being entered | | | |
| Author: Alfie Potter | | Checker: Ryan Harris | |

Alfie Potter C1727851

Interface used:



The screenshot shows the main admin interface with the following elements:

- Set Year Group:** A text input field.
- Set Schools Attending:** A text input field.
- Set Topic:** A dropdown menu currently showing "General".
- Buttons:** "Set Preferences", "Get Average", "Add Question", "Amend Question", "Delete Question", and "Back".

| | | | |
|---|-----------------------------|--|-----------|
| Test Case Id: 06 | | Test Purpose: Picking random questions for each quiz | |
| Environment: Written in Java using JDK 1.8 v121 running in Windows 10 Build 16299 | | | |
| Preconditions: The quiz preferences must be set up by the engagement team | | | |
| Test Case Steps: 2 | | | |
| Step No | Procedure | Response | Pass/Fail |
| 1 | Start the quiz. | The quiz user interface is displayed which shows the question and the multiple-choice answers as buttons. Along with the restart and quit buttons. | Pass |
| 2 | Click on the restart button | Loads a new set of questions in random order | Pass |
| Comments: | | | |
| Related Tests: | | | |
| Author: Reem Alotaibi | | Checker: Rayner Da Cruz | |