



Universidad Autónoma del Estado de México
Collage of engineering
Computer Engineering

User Manual
Trivas questions

Subject:
Programming Paradigms I

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Content

SOFTWARE DESCRIPTION.....	3
Operation of the software	4
Main window.....	4
Create Menu.	4
Read Menu	6
Edit Menu	6

SOFTWARE DESCRIPTION

This software provide a user interface to create questions with topics, category and correct answer.

Description

This software was developed as part of the final project of the programming paradigms course in order to test java GUI and object oriented programming. Also This program was developed using the "Java Swing" library through a graphical user interface (GUI), this program is responsible for facilitating data management through the CRUD method in order to create, read, update and delete data in a simpler and more interactive way for the game "Trivia".

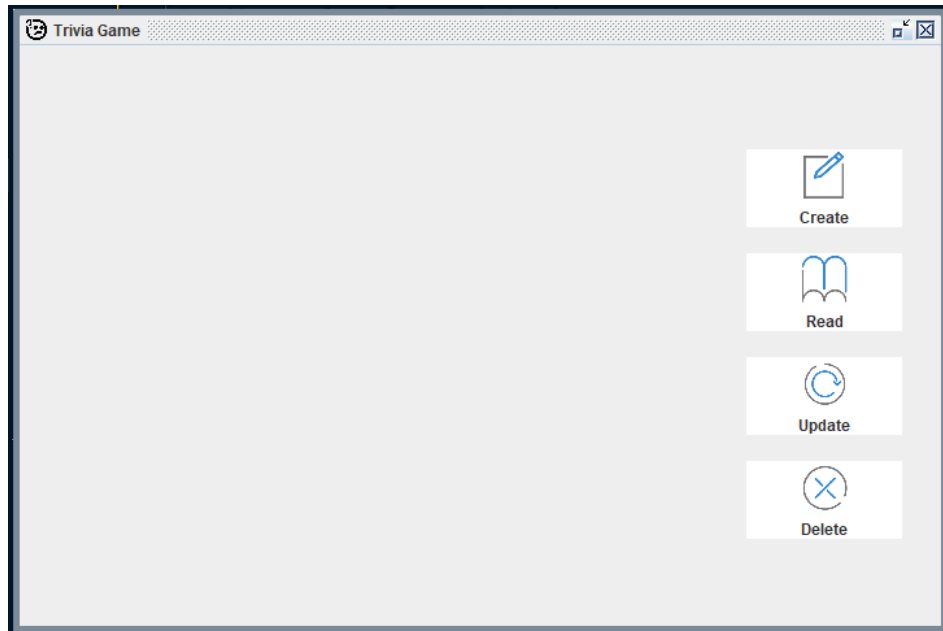
Platform requirements

-Java SE Version 8 or above

Operation of the software

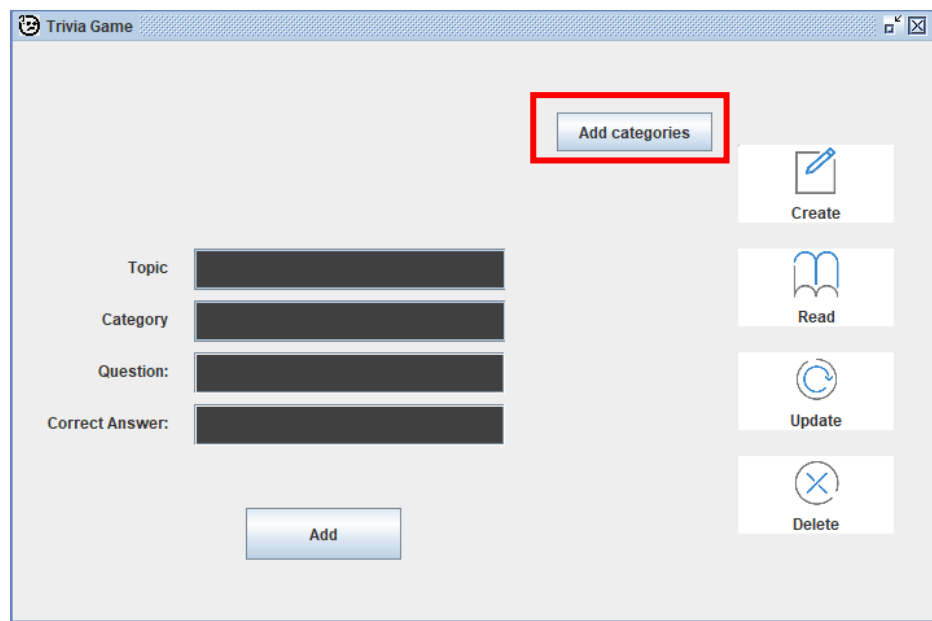
Main window

The main windows deploys a menu with four different buttons to do in the software, create, read, update and delete.

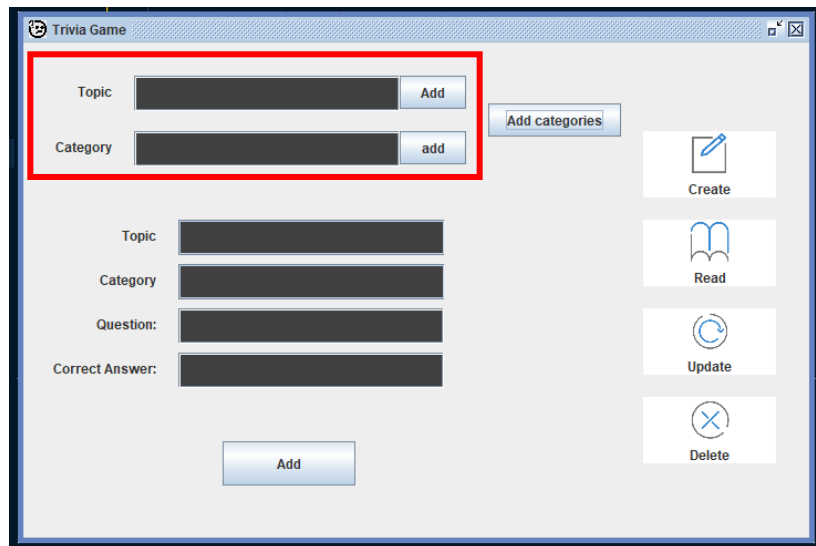


Create Menu.

The create menu provide to user a GUI for two different things, add categories, and add questions, first is necessary to add a new categories and topics to create a first questions.

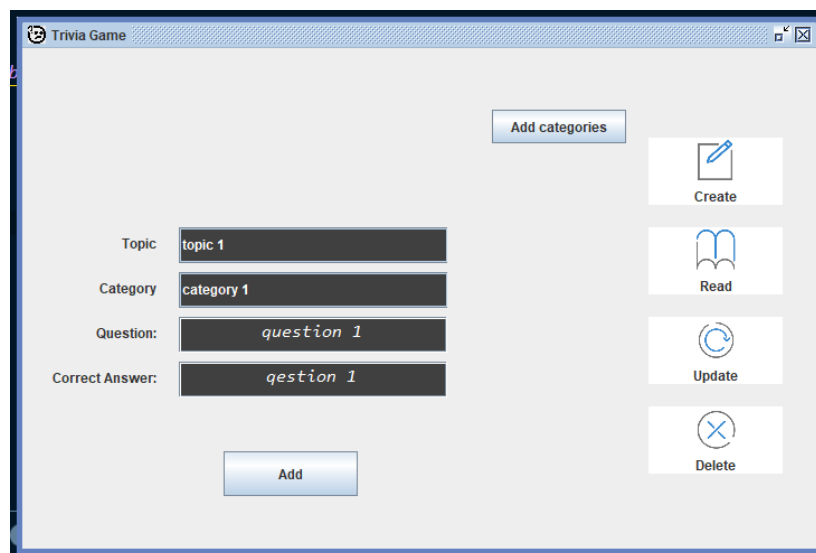


Clicking in the button add categories will appear a two texts fields to write a topic and category.



The screenshot shows the 'Trivia Game' application window. A red rectangle highlights the 'Add categories' section, which contains two text input fields: 'Topic' and 'Category'. Each field has a small 'Add' button to its right. To the right of this section is a larger 'Add categories' button. Below the highlighted section are four more text input fields labeled 'Topic', 'Category', 'Question:', and 'Correct Answer:', each followed by an 'Add' button. On the right side of the window, there is a vertical stack of four buttons: 'Create' (with a pencil icon), 'Read' (with a book icon), 'Update' (with a circular arrow icon), and 'Delete' (with a trash can icon).

Once you have at least one topic and category, it is possible to create questions, consequently, the user will be able to create questions by selecting the created categories and topics, filling in the question text field and correct answer.

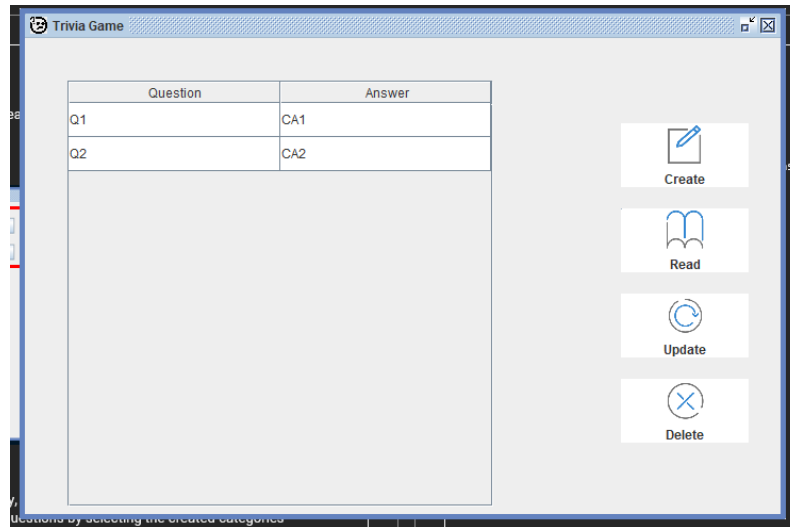


The screenshot shows the 'Trivia Game' application window with the 'Add' button highlighted. The 'Add categories' section is now filled with 'topic 1' and 'category 1'. The 'Question:' field contains 'question 1' and the 'Correct Answer:' field contains 'qestion 1'. The 'Add' button is located at the bottom center of the window. The 'Add categories' button is now disabled. The 'Create', 'Read', 'Update', and 'Delete' buttons remain on the right side of the window.

Clicking in the save button the software will save a question which has just been added.

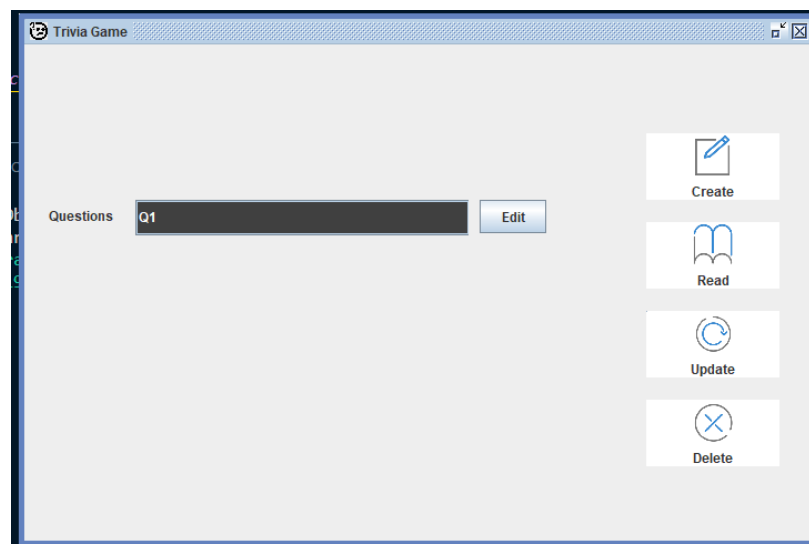
Read Menu

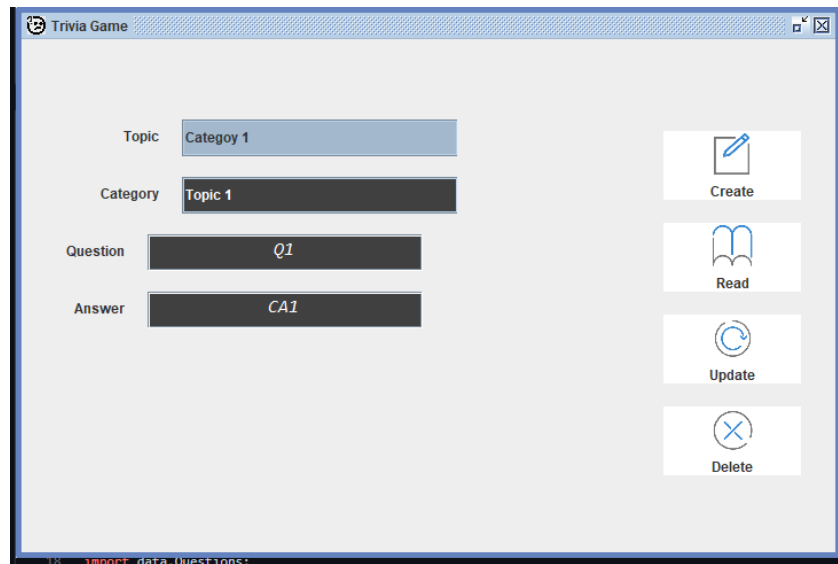
In the read menu is used only for watch the answer and corrects answers which was saved in create menu.



Edit Menu

in the edit menu there is a button to select the question to edit, once the question has been selected, the topic, category, question and correct answer will appear, the required changes are edited and saved.





Delete Menu

Finally edit menu provides the user with a table showing the stored questions and answers with a button on the right side to be deleted.

