EXERCISE.NO:6

Draw a Use case diagram to model for a quiz system. A user can request a quiz for the system. The system picks a set of questions from its database, and composes them together to make a quiz. It rates the user's answers and gives hints if the user requests it. In addition to users, we also have helpers who provide questions and hints. And also, administrators who must certify questions to make sure they are not too trivial, and that they are correct

AIM:

To design a Use Case Diagram for a Quiz System using a CASE tool, representing the interactions of users, helpers, and administrators with the system.

PROCEDURE:

STEP 1: Open a CASE tool like StarUML, IBM Rational Rose, or Visual Paradigm.

STEP 2: Identify the actors in the system: User, Helper, Administrator, System

STEP 3: List the use cases for each actor: User, Helper, Administrator, System.

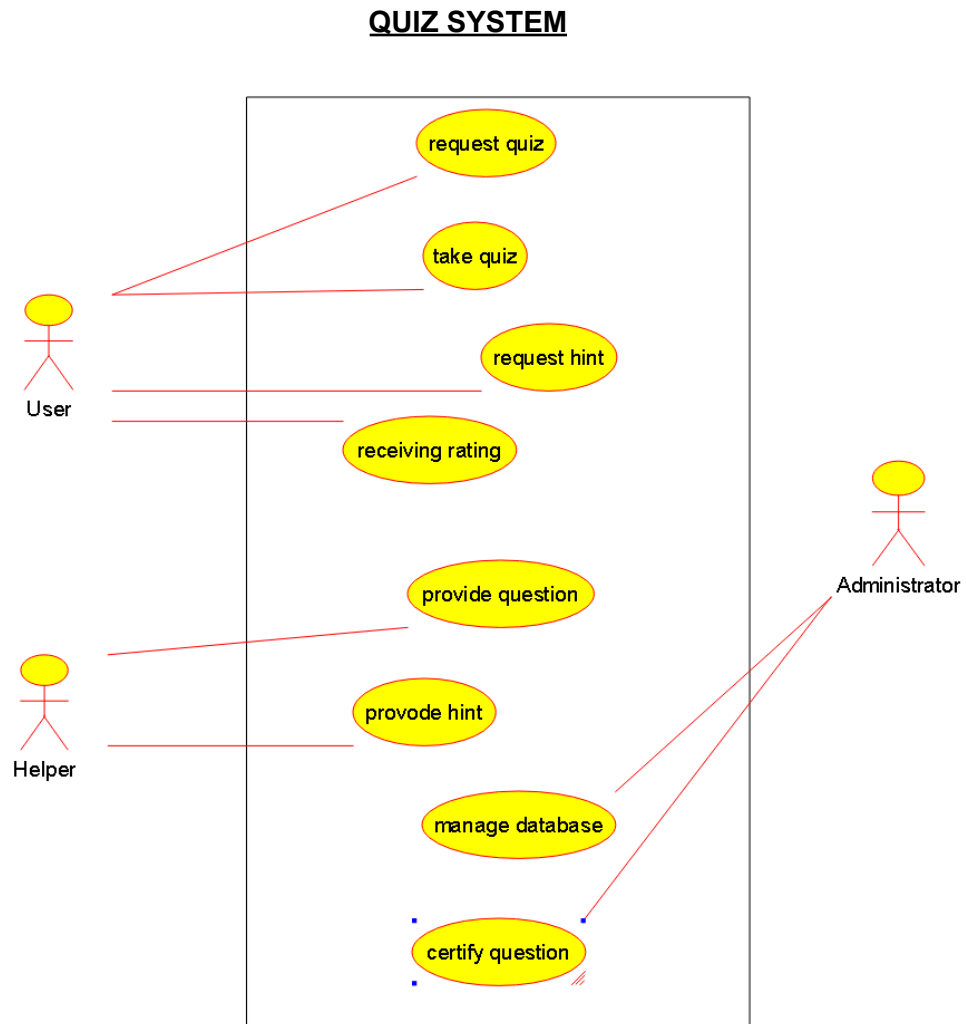STEP 4: Create a Use Case Diagram to show interactions between actors and use cases.

STEP 5: Draw connections (associations) between actors and their related use cases.

STEP 6: Use "include" and "extend" relationships where applicable.

STEP 7: Verify the accuracy and completeness of the diagram.

STEP 8: Save and export the UML diagram for documentation and implementation.

USE CASE DIAGRAM:

QUIZ SYSTEM

RESULT:

Thus the Use Case Diagram for the Quiz System has been implemented successfully.