

# MANAGEMENT INFORMATION SYSTEM

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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

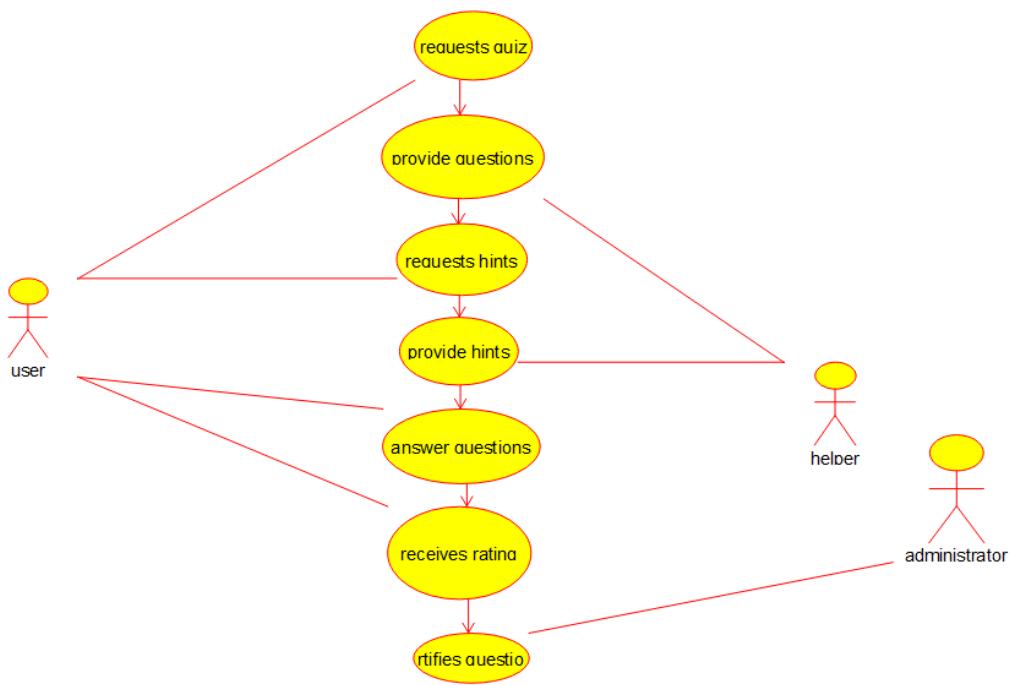
To design a UML **Use Case Diagram** for a **Quiz System**, where users can request quizzes, answer questions, receive ratings and hints, while helpers provide questions and hints, and administrators certify question quality.

## PROCEDURE

- Identify system actors such as **User, Helper, and Administrator**.
- Define key use cases like **Request Quiz, Generate Quiz, Answer Questions, Get Rating, Request Hints, Provide Questions, Provide Hints, and Certify Questions**.
- Establish relationships between actors and use cases.
- Use **extends** and **includes** relationships where necessary (e.g., Request Hints extending Answer Questions).
- Draw the **Use Case Diagram** to illustrate user interactions with the system.
- Ensure clarity and correctness using UML notations.

## OUTPUT:

## USE CASE DIAGRAM:



## RESULT

The **Use Case Diagram** for the **Quiz System** was successfully designed, covering all necessary user interactions, processes, and system functions. This provides a structured representation of the system for implementation.