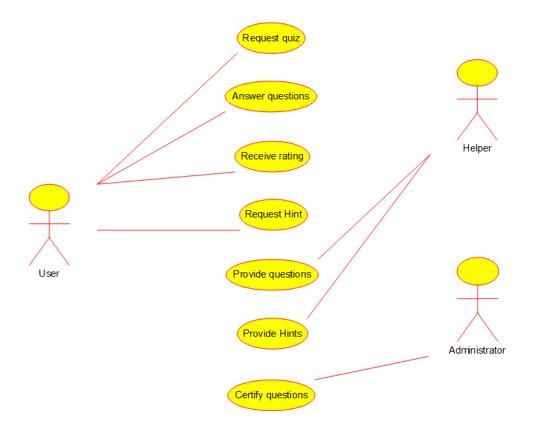**EXERCISE: 6**

QUIZ SYSTEM

AIM:

To design and implement a Use case Diagram for a Quiz System using Umbrello UML modeling software.

PROCEDURE:

1. Install and open Umbrello UML Modeller on the system.
2. Create a new UML project in Umbrello.
3. Identify the actors: User, Helper, and Administrator.
4. Identify the use cases: Request Quiz, Generate Quiz, Rate Answers, Request Hint, Provide Questions & Hints, and Certify Questions.
5. Draw the system boundary and place all use cases inside it.
6. Connect actors to relevant use cases using associations and add an Include relationship between Request Quiz and Generate Quiz.
7. Save the diagram and export it as an image file for documentation.

DIAGRAM:

USE CASE DIAGRAM

RESULT:

The Use case Diagram for the Quiz System has been successfully designed using Umbrello, representing various components and their relationships in the system.