Exp: 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.
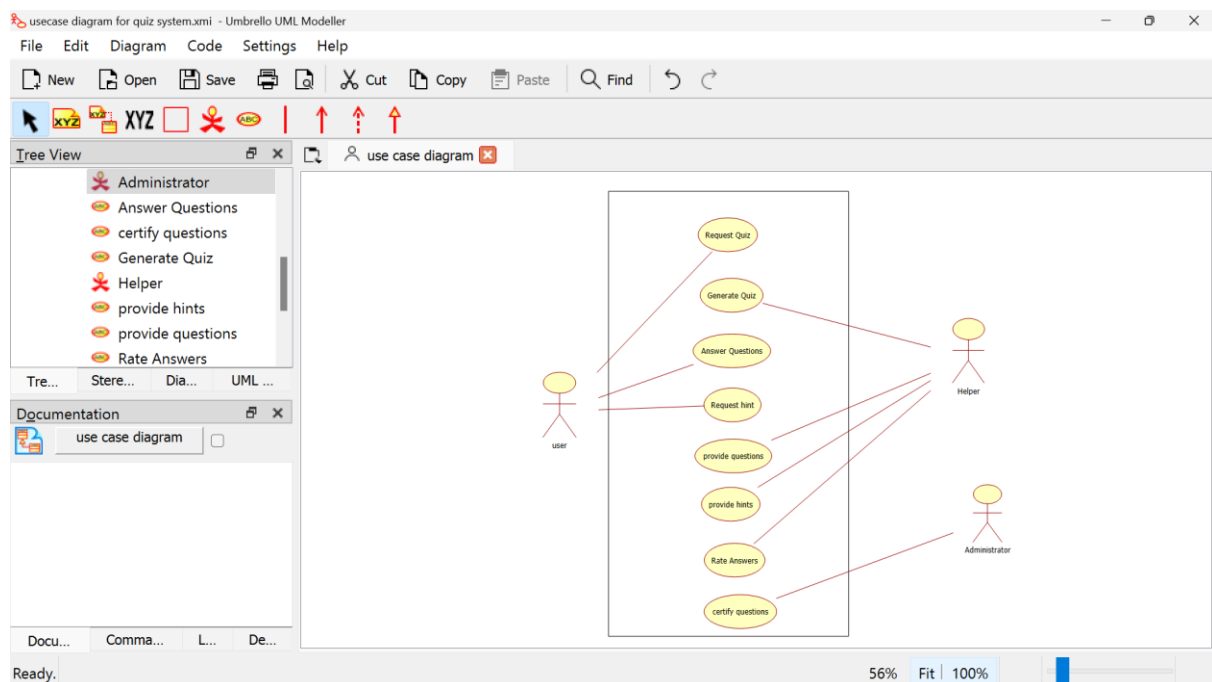
Aim:

To design and develop a Use Case Diagram for a Quiz System that allows users to take quizzes, receive hints, and get their answers rated.

Procedure:

1. Open Umbrello & Create Diagram then Select the appropriate UML diagram type.
2. Add Elements and Insert actors, classes, objects, states, or activities as required.
3. Define Relationships with Connect elements using associations, dependencies, or transitions.
4. Label & Arrange Components of Name all elements properly and structure them clearly.
5. Save & Export to Finalize the diagram and export it as an image or PDF for documentation.

Usecase Diagram

Result:

Thus the UML diagrams are successfully created using Umbrello Software.