

## Experiment-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.

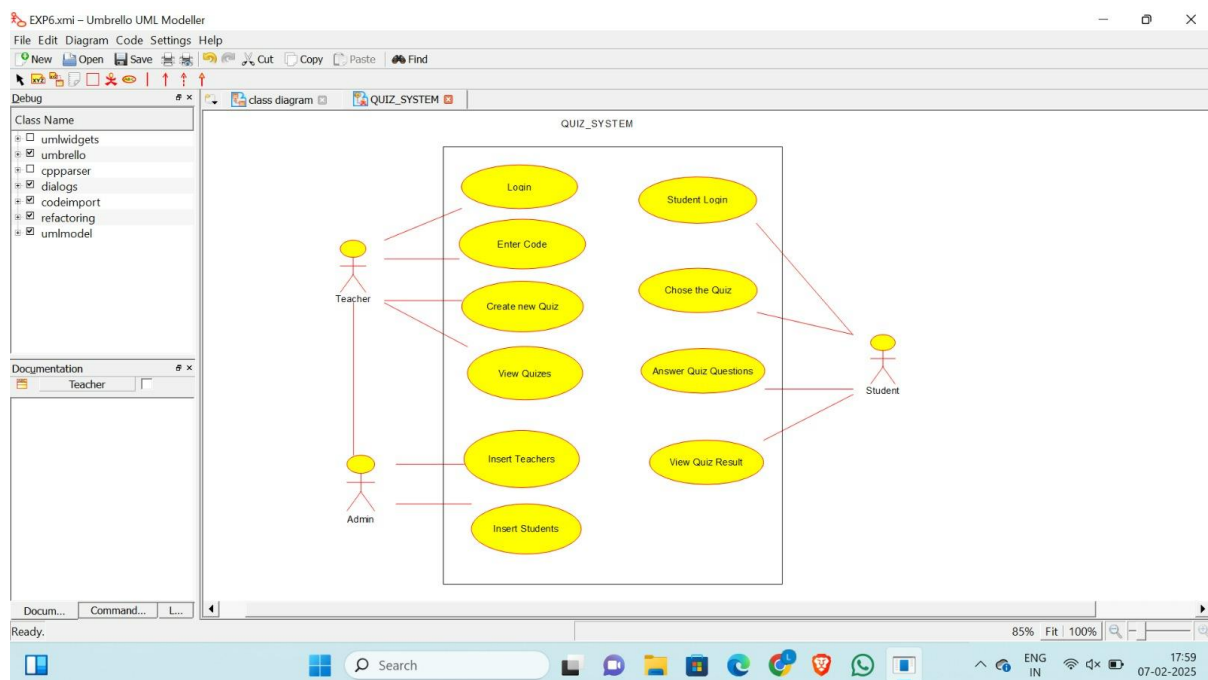
### Aim:

To design a **Use Case Diagram** for a **Quiz System**, representing user interactions, quiz generation, and administrative functions.

### Procedure:

1. Identify key actors: User, Helper, and Administrator.
2. Define system functionalities: quiz request, question selection, answer rating, and hint provision.
3. Establish interactions: Users take quizzes, Helpers add questions and hints, and Administrators certify questions.
4. Represent use cases such as Request Quiz, Provide Hints, Rate Answers, and Certify Questions.
5. Validate the diagram for completeness and accuracy.

## USECASE DIAGRAM



**Result:**

A Use Case Diagram for the Quiz System has been successfully designed, illustrating user interactions, quiz generation, and administrative validation.