



SAVEETHA SCHOOL OF ENGINEERING
SAVEETHA INSTITUTE OF MEDICAL AND
TECHNICAL SCIENCES



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF EXPERIMENTS

COURSE CODE : CSA4001

COURSE NAME : MANAGEMENT INFORMATION SYSTEM

- 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:

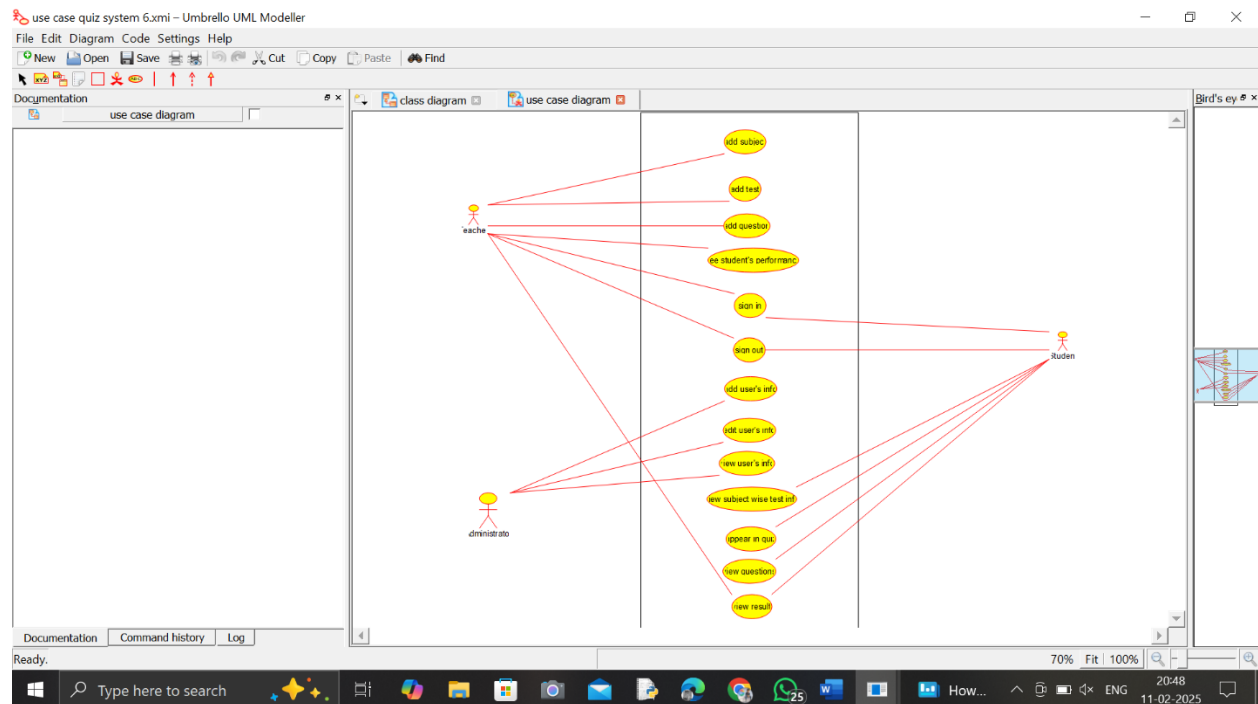
To design a **UML diagram** for an **Online Quiz System**, where users take quizzes, helpers contribute questions and hints, and administrators verify question quality and correctness.

PROCEDURE:

1. **User Requests a Quiz**
 - The user selects a quiz category and requests a new quiz from the system.
2. **System Generates a Quiz**
 - The system selects a set of questions from its database and compiles them into a quiz.
3. **User Answers the Quiz**
 - The user attempts to answer each question within a given time.
4. **System Rates User's Answers**
 - The system evaluates the responses and calculates the user's score.
5. **User Requests Hints (Optional)**
 - If needed, the user can request hints for difficult questions.
6. **Helpers Provide Questions and Hints**
 - Helpers contribute new questions and hints to the database for future quizzes.
7. **Administrators Certify Questions**
 - Admins review and approve questions to ensure correctness and difficulty balance before they are used.

OBSERVATION:

USECASE DIAGRAM:



RESULT:

The Online Quiz System allows users to take quizzes with hints, while helpers contribute questions and admins verify them for quality. This ensures an engaging, fair, and well-regulated quiz experience.