

- 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:

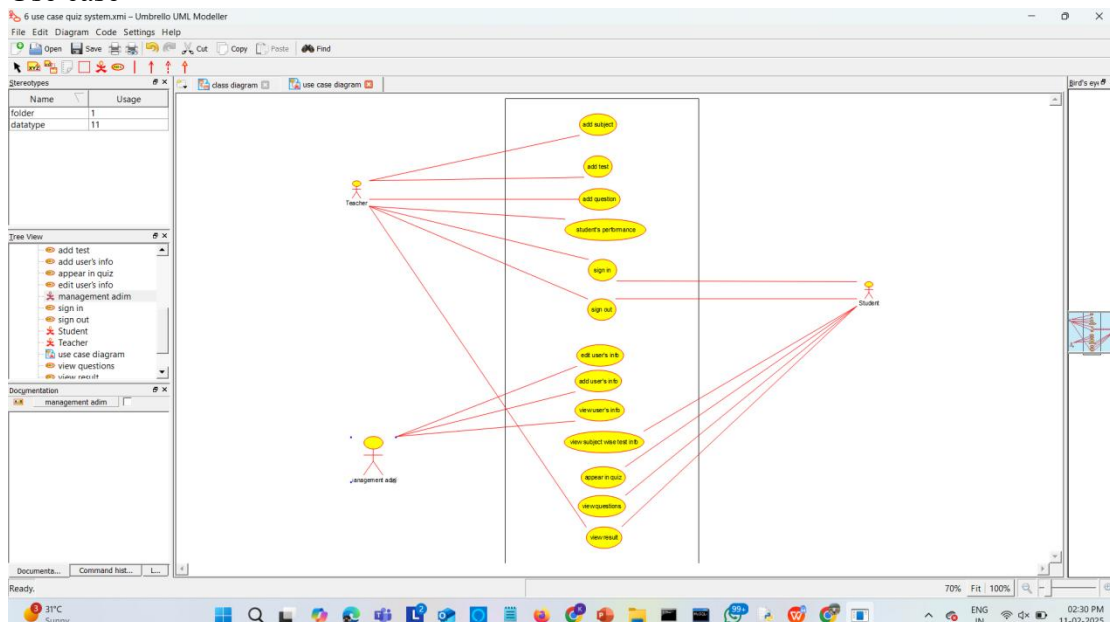
To design a Use Case Diagram for a quiz system, modeling interactions between users, helpers, and administrators, and capturing system functionalities.

Procedure :

- Identify key actors: User, Helper, and Administrator.
- Define system use cases such as Request Quiz, Provide Answers, Get Hints, and Rate Answers.
- Establish relationships between the user and quiz functionalities, including quiz generation and scoring.
- Include helper-related tasks like Provide Questions and Provide Hints.
- Define administrator functions such as Certify Questions and Review Content.
- Draw the Use Case Diagram illustrating actors, use cases, and their associations.
- Ensure the diagram clearly visualizes system functionality and follows UML conventions.

UML Diagrams

Use case



Result :

The Use Case Diagram for the quiz system was successfully designed, depicting user interactions, helper contributions, and administrative roles for maintaining quiz quality and correctness.