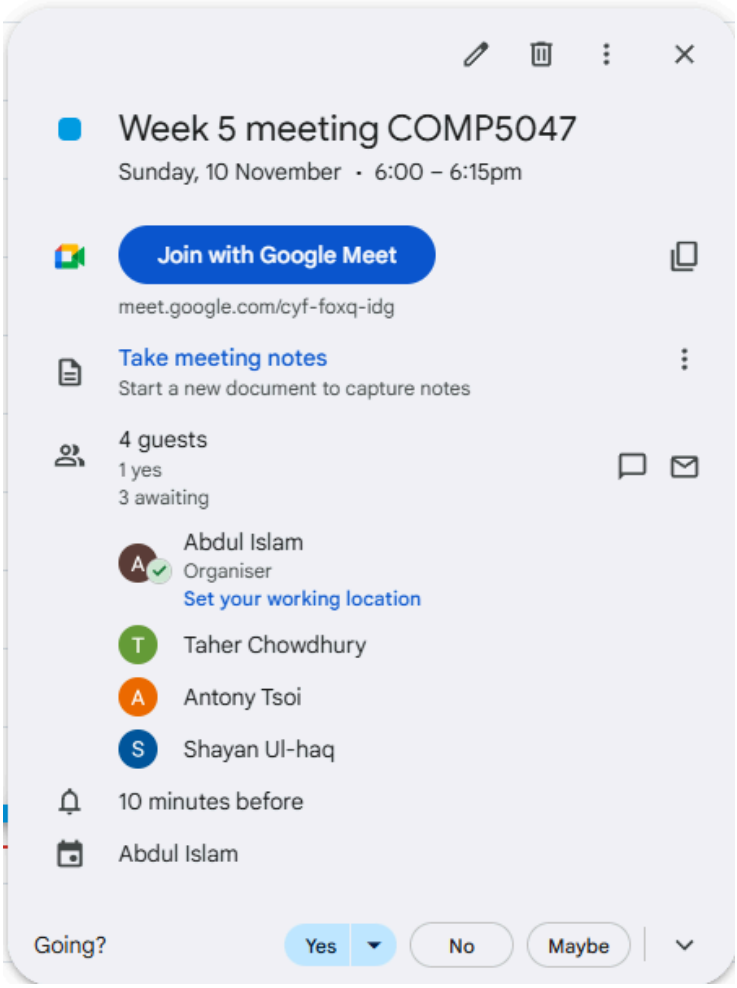
10/11/2024 **6:00-6;15pm**

Attendance



Abdul Islam present

Taher Chowdhury present

Antony Tsoi present

Shayan Ul-haq present

UML Modelling

Task 3: Specification and Modelling Software Functional Requirements (20 Marks)

In this task, you will work as a requirements analyst to produce a UML model of the software system to be developed using a software modelling tool. The UML model should contain the following types of models.

(a) *Use Case Model* (10 Marks, Individual effort): Each member of the team should develop one Use Case Diagram to define the use cases of the subsystem to specify the scope of the software engineering project.
(b) *Activity Model* (10 Marks, Individual effort): Each team member should select one use case of your subsystem to produce one Activity Diagram for the selected use case to specify the interactions between a user and the subsystem.

- Use Case Diagram and one Activity Diagram based on an assigned subsystem and use case.
- UML diagrams

Deadlines:

- **Drafts Due:** [17 october 2024]
- **Final Submission:** [21 october 2024]