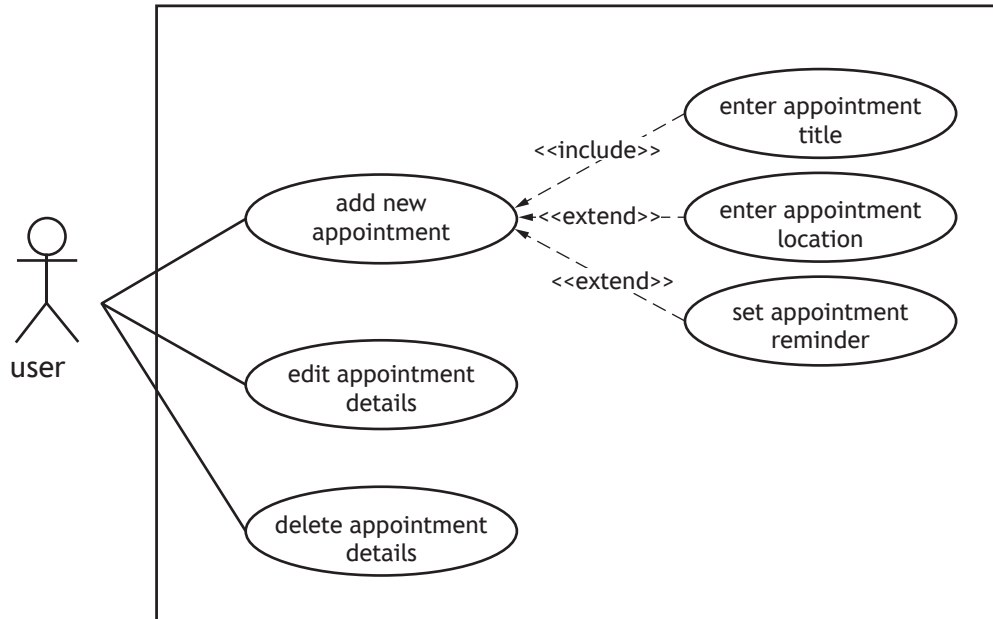3. A simplified UML use case diagram for an appointments app is shown below.

When creating a new appointment, users of the app must enter a title for the appointment. If they wish, users can also add a location for the appointment and set a reminder.

(a) State an additional actor that is required for this system. **1**

(b) With reference to the use case diagram above, explain the difference between include and extend relationships. **1**