Aim: To Develop, collaborations & state diagram

Theory:

Sequence Diagram: Diagram shows interaction between objects here's the breakdown:

( Attendee (wer) @ Most (wer)

B) Authentication service: This service verifies identify of user attempting to login.

Meeting manager: This component manages creation,

configuration and reumination of meetings.

Meeting Room? Virtual space where meeting will take place, It hold multiple attender & various functionalities. B Media Server: This server handles transmission of audio &

video data.

Both attender & host fout initiate login by credentials to authentication. Host sends meeting detail, to manager where manager creates a meeting room & sends meeting to the host and requested participant. The attenders can foin meet using meeting to link with help of meeting room. Attender can carry out communication in meeting room.

Collaboration Diagram:

The Diagram illustrates how objects collaborate to let the nost create a meeting & attenders to join that meeting. It shows the interactions between were, authentication service, meeting manager, meeting Room,



media serves & content shaving. The diagram shows a systematic view operation demonstration coordination between each object to carry out the online meeting. It helps in Identifying potential bottlenecks or areas for optimization in online meeting.

State Diagram:

D Wer : login

De Logged in Attendee: join meeting

1 Logged in Host: join meeting leave meeting meeting. Wes transfrons from skurt state to Logged in state upon successful logen. If wer is a Host, it weather Intially attendee & host are not in meeting state The they join meeting they all are in meeting state But It attendees leave me meeting, the attendee leaving will only be in not in meeting state

# Conclusion:

Hence we studied about the sequence, collaboration & state Diagram, also implement the same for the online meeting software. From this we came to know each of Diagram serve a distinct purpose in understands valuable in sight in to system dynamic, interaction.



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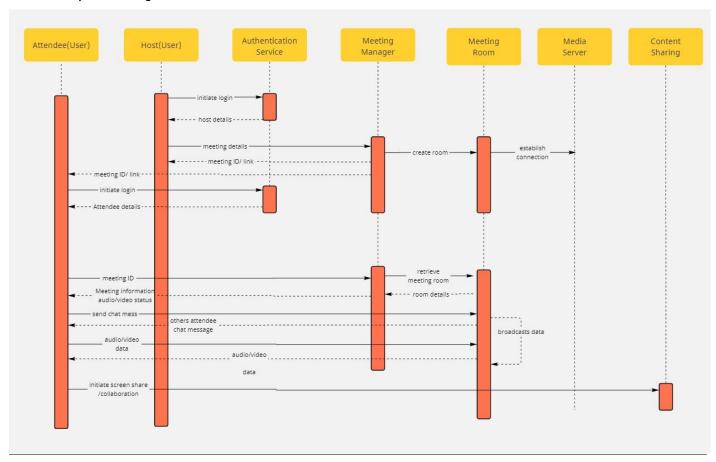


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#### Implementation:

### 1. Sequence diagram:





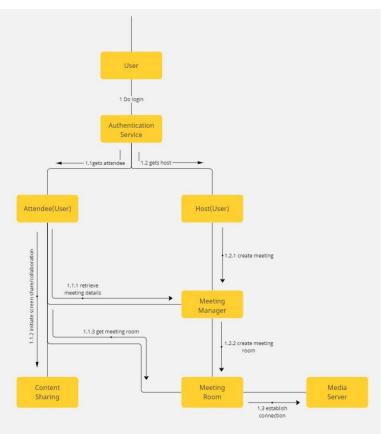
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### 2. Collaboration diagram:



## 3. State Diagram:

