**Ahoy! Demo App Implementation**

Screenshot Summary

1. Cloning React App onto the local system using Twilio CLI.
2. Install the node modules required to run the app.
3. Select Active profile in CLI and install WebRTC plugin
4. Deploy and get the “Web App Url” for the React App.
5. Created “GroupRoom1” - RMee96be3fdf7e9e797b37a795e19a86cc
6. Inside “GroupRoom1”
7. Trying Chat functionality in “GroupRoom1”
8. Trying the ScreenShare option in “GroupRoom1”
9. Room Created creation Webhook callback
10. Microphone permission on browser callback
11. Camera permission on browser callback
12. Participant connected to Room callback
13. Participant disconnected from Room callback
14. “GroupRoom1” completed callback
15. Created “GroupRoom2” and viewing “Info” and “Stats” - RM06778c4c643a47af51741ce60eac9862
16. Exploring various Backgrounds in “GroupRoom2”
17. Created “GroupRoom3” - RM711216ed648b557410d10b416d086bb3 and added Krisp.AI , Background selected in Video Room overrules the one selected on Krisp.AI
18. Created “GroupRoom4” - RM6541bf8150e51796a7a731b5508e0e4d and testing Audio/Noise Cancelation and Camera.
19. Create “GroupRoom6” - RM51a8e54bb91844fe2994e5be185fbaec to add PSTN participant.
20. Created TwiML bin(Video Wheels Off) to redirect voice call to Video Room.
21. Configure Phonenumber to access TwiML bin when calls come in.
22. Use COPS Dashboard to call the Active Phonenumber.
23. PSTN participant in “GroupRoom6”.
24. Created “GroupRoom7” - RM63daafd8160dd47d4c3ac8399a3bde3d and shared it with friends.
25. Disconnected Network to capture “Reconnecting State”.
26. Toggling Audio/Video
27. Toggling Audio/Video
28. Changing Backgrounds
29. ScreenShare functionality
30. Changing Settings in the Function to create “Peer-to-Peer” room.
31. Created “P2PRoom1”- RMc5fa66f6256b642a1fad31adbd7d458c
32. Added two participants
33. Created “P2PRoom2” - RM6eb14935bebe8fcc6e10531868afc75a and tried to add a third participant when Max participant limit was set to ‘2’, got the error message.
34. Reviewing Room Logs
35. Reviewing Recording Logs
36. Captured Usage
37. Login to Video Log Analyser
38. “P2PRoom1” Room Summary.
39. “P2PRoom1” Participant Summary
40. “GroupRoom7” Room Summary
41. “GroupRoom7” Participant Summary

Differences b/w P2P and Group Room.

P2P Room:

1.Data not stored in Twilio. Direct connection between Participants.

2. No recordings

3. Cannot Create compositions

4. PSTN - cannot add voice call to video room

5. Max limit - 3 video participants

6. Active speaker not displayed on the main window.

Group Room:

1.Date stored on Twilio Cloud. All connections will flow through Twilio.

2.Option to create recordings available.

3.Can create compositions

4.PSTN - can add voice calls to video room

5. Max limit - 50 participants

6. Active speaker in the room is automatically detected and displayed on the main window.