# Ahoy! Demo App Screenshots:

1. Launched React app on local host, after following instructions in the GitHub repo, Javascript console open. Room SID **RMfd9d0623a7bf8bd777c482e73488cf76**

2. Second participant was added to the Video Room

3. Exploring the Chat option was able to send real-time messages & media between participants

4. Background filter modal open, able to switch between filters to apply to video background

5. Explored the Javascript Room monitor and various associated metrics to get a real-time view of Video Room KPIs

6, 7, 8 , 9, 10 - Room Monitor metrics for various KPIs

11. Bandwidth information/graph

12. Audio - Video settings modal. Ability to select inputs & Krisp noise cancellation has been enabled

13. For testing purpose for simulating a Network Disconnect. Turned off my wifi. Within the Room on-screen prompt displayed a *“Connection Lost….”* error message.  
  
In the Console window, network disconnect errors begin appearing. Primarily *WebSocket connection failed*.

14,15. Subsequently further signaling errors pop up in the Console

16. Error code 53405 media connection error, prompted outside the Video Room

17. Start of Recording, after reconnecting wifi and getting back into the Room

18. Network quality indicators - implemented via the Network API for Video

***Request Inspector logs via Webhook.site URL through the progress of the Video Room***

19. StatusCallbackEvent *room-created*

20. StatusCallbackEvent *participant-connected*

21. StatusCallbackEvent *track-added (audio)*

22.StatusCallbackEvent *track-added (video)*

23.StatusCallbackEvent *participant-disconnected*

24.StatusCallbackEvent *room-ended*

25. Similarly set up a 2nd Group Room RM005def7d4e8ca90b7ba5f9e653911f93

26. Added a participant via PSTN to a Video Room.   
Room Name: DailyStandup  
SID: **RM9e070bac4559bae977fd5b8a269d513c**

Implemented this with the use of a Twiml Bin. Calling into the assigned Twilio Phone number added the test participant “Alice” to the Video Room.

27. Screenshot of the Video Room showing “Alice” joining as a participant via the PSTN call.

28. Peer-to-Peer room:  
SID **RMeaf8a333aa273bf852e97ed408d10c11**

29.Usage details for Video in Twilio Console

30. Reviewed Recording logs for the Room

31.Example of logs found in the Monkey Log Analyser

**Differences in output between Group rooms and P2P rooms:**

| Group Rooms | P2P Rooms |
| --- | --- |
| Media region (ex us1) shows up in Console logs | No value is returned for media region (as it only returns for group rooms) |
| Max participants 50 | Max participants 10 |
| Recordings appear in logs | Do not appear(it's not available on a product level) |
| In Usage/Pricing logs for Group Room there are a couple of line items are listed:  [*Group Rooms Participant Minutes*](https://www.twilio.com/console/report-center/usage?cat=group-rooms-participant-minutes&esa=true&start=1669852800000&end=1672531199999) *Group Rooms Data Tracks* | In Usage logs there is a single line item:  *P2P Rooms Participant Minutes*  (Because Twilio does not mediate the media exchange, which takes place through direct communication among Participants in P2P room). |