Comm-Audio Test Document

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Test Cases

| Stage | Date Test Run | Test/Scenario | Input | Expected Result | Actual Result | Passed? | Status/Date Fixed |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | April 8 | Client connects to server | Correct server information (ip, ports, multicast.. etc) | Client receives and plays music from server | Client receives and plays music from server | Yes | Fixed |
| 1 | April 8 | Client turns on mic | Client connected to the server and turns on mic | Server broadcasts mic stream from client to all clients | Server broadcasts mic stream from client to all clients | Yes | Fixed |
| 1 | April 8 | Client can pause music from server | Client clicks Pause button | Audio from the server will be paused | Audio from the server was paused | Yes | Fixed |
| 1 | April 8 | Client can resume music when at paused state | Client clicks Play button while paused | Server resumes music broadcast | Server resumed music broadcast | Yes | Fixed |
| 1 | April 8 | Client can skip songs | Client clicks ‘Skip song’ button | Server stops playing current song and plays song on queue | Server stopped and played next song on queue | Yes | Fixed |
| 1 | April 8 | Client receives song list from server | Client connects to the server | Client receives song list from server | Client received song list from server | Yes | Fixed |
| 1 | April 8 | Client receives user list connected to the server | Client connects to the server | Client receives user list from server | Client isn’t receiving user list | No | Fix in progress |
| 1 | April 8 | Client can receive text chat from other clients | Client connects to the server | Client receives text chat from other clients | Client isn’t receiving text chats from other clients | No | Fix in progress |
| 1 | April 8 | Client displays audio spectrum | Client connected to server and is streaming music | Client displays audio spectrum | Client displays audio spectrum but has wrong values | No | Fix in progress |
| 1 | April 8 | Client can mute users | Client mutes another client from user list | Muted client will cannot send audio chat | Client cannot mute another user | No | Fix in progress |
| 1 | April 8 |  |  |  |  |  |  |