User Acceptance Testing (UAT) Template

Date: 26-06-2025

Team ID:

Project Name: Video Conferencing App

Maximum Marks:

# Project Overview:

Project Name: Video Conferencing App

Description: A web-based peer-to-peer conferencing platform that allows users to create and join video call rooms. The app supports audio/video communication, screen sharing, chat messaging, and session recording using WebRTC, PeerJS, and a Node.js + Express backend with Socket.IO signaling.

Project Version: v1.0.0

Testing Period: 2025-05-26 to 2025-06-02

# Testing Scope:

* - Room creation and sharing via link
* - Room joining with unique ID
* - Real-time video and audio communication
* - Mic and camera toggle controls
* - Screen sharing during video session
* - Real-time chat messaging
* - Session recording and download
* - Peer-to-peer signaling and connection establishment

# Requirements to be Tested:

* - As a user, I want to create a room and invite others.
* - As a participant, I want to join using a shared room link.
* - As a user, I want to toggle mic and camera during call.
* - As a user, I want to send and receive chat messages.
* - As a user, I want to share my screen while in a call.
* - As a user, I want to record the session and download it.

# Testing Environment:

URL: http://localhost:3000

Credentials:

No authentication required. Room is accessible by link.

# Test Cases:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-001 | Create Room | 1. Go to homepage 2. Click 'Create Room' | Room is created with a unique URL | As Expected | Pass |
| TC-002 | Join Room | 1. Enter shared room link 2. Allow camera/mic access | User joins the call | As Expected | Pass |
| TC-003 | Toggle Camera | 1. Join room 2. Click on camera icon | Video toggles successfully | As Expected | Pass |
| TC-004 | Toggle Mic | 1. Join room 2. Click on mic icon | Audio toggles successfully | As Expected | Pass |
| TC-005 | Screen Share | 1. Click 'Share Screen' 2. Choose window to share | Screen is shared in real time | As Expected | Pass |
| TC-006 | Send Chat | 1. Open chat panel 2. Send message | Message is visible to all users in room | As Expected | Pass |
| TC-007 | Record Session | 1. Start and stop recording 2. Download file | Recording downloads locally | As Expected | Pass |

# Bug Tracking:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to reproduce | Severity | Status | Additional feedback |

# Sign-off:

Tester Name: Teja

Date: 26-06-2025

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes:

- Ensure all test cases cover both positive and negative scenarios.

- Encourage testers to provide feedback on user experience.

- All open issues must be resolved before deployment approval.