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Unit to test	Scenario	Expected Result
Create Room	Create room	Room should be created and user should be redirected to Room page
Join Room	Join Existing Room with users already joined	User should be joined into the room and see other users in the room
Mic	Mic enable and disable	Mic should be enabled or disabled when user clicks on mic icon
Video	Video enable and disable	Video should be enabled or disabled when user clicks on video icon
Load testing	User load testing with more than 10 users	Join the same room with 10 users and test the performance
Face Recognition	Test face recognition model	Verify model with test images from UI
UI responsiveness	Test user responsiveness	UI should be interactive for all devices
User session	User name should be saved if user enters it once	When username is entered while entering one room, name should be saved and should be auto filled next time
Mark attendance Button	Enable to room owner	Visible on the screen to room owner
Face Recognition	Test face recognition model	Verify model with test images from UI
Sign up user	User provides valid inputs	User will be signed up and will be redirected to login page
Sign up user	User provides invalid email format	Error should be shown to user that email is not valid
Signup user	User provides invalid password	Error should be shown to user that password is not valid or passwords does not match
Login	User provides valid credentials	User should be logged in and redirected to home page
Login	User provides invalid credentials	User should see an error message that credentials are not valid
Screenshare	User shares his screen	Other users in the call should be able to see the shared screen
Screenshare	User logged in as non admin	User should not see screen share button
Screenshare	User logged in as admin	User should see screen share button
Register using face	Capture photo and signup	User should see "Signed up successfully" message.
Register using face	Signup without face data	User should see an error message "Face data is required"
Face verification	Face verification to mark attendance	User should be able to verify his face data while marking attendance
Face verification	Face verification with wrong user	User should not be able to verify his data as the user is not logged in with his account