

Progress & Pending Report

Status as of 27 July 2026

Summary

The online meeting system lets two people hold a live audit meeting with video, audio, a shared checklist, chat, non-conformity (NC) confirmation, and automatic attendance. Meetings can be joined from the mobile app, and — as of today — an outside guest can be invited by email, open a secure link, enter a passcode, and join from a web browser without needing an account. The remaining work is mainly the polished in-browser meeting screen and connecting guests across different networks.

What is done (working now)

Feature	Status
Phone-to-phone audit meeting (video, audio, checklist, chat, attendance)	Working
Join security check — only authorised people can enter a meeting (canJoin)	Working
Mute broadcast — the other side sees when you mute	Working
Invite by email with a secure link, Meeting ID and passcode	Working
Invite landing page (web) — opens the link, shows the meeting, verifies the passcode	Working (built today)
Guest access token — a verified guest can connect to the call with no account	Working (built today)
Browser client auto-joins from the invite hand-off	Working (built today)
Attendance saved as certification evidence when a participant leaves	Working
Meeting screen label fixed ("Camera off" / "Waiting for others")	Working (built today)

Milestone reached today: the full guest journey now works end-to-end — invite email → secure link → passcode → verified → guest connects to the live meeting from a browser without an account.

What is pending

Item	Type	Effort
Real in-browser meeting screen (replace the test client with a polished UI)	Frontend	~1 week
Guest connection across different networks (allow guest tokens on TURN)	Backend	Small
Point the invite email at the live web address (PUBLIC_JOIN_URL setting)	Config	Minutes
Serve the invite page over HTTPS (currently shows "Not secure")	Hosting	Small
Real checklist data per standard (currently demo content)	Backend	~1 day

Screen share	App	~1 day
Reconnect after a network change (ICE restart)	App	~1 day
Recording, transcription and auto NC drafting	Bigger	Later
PDF report generated at meeting end	Backend	~3 days

Known issues to address before real clients

- Notification service does not verify token signatures (security fix needed).
- Meeting invite passcode is stored hashed (good); user OTP codes elsewhere are stored in plain text.
- Every API endpoint fires twice — cause not yet found.
- Release build uses the debug signing key — a real keystore is needed before publishing.
- Restore all CPU architectures in gradle.properties before the Play Store upload.

Approvals to confirm (not code)

Internal testing between our own accounts is normal development. Before inviting **real clients** to a **real audit**, two approvals should be confirmed: (1) the **TDRA** position on running voice/video over the internet in the UAE (a TDRA exemption letter is already drafted — confirm its status); and (2) the **accreditation body** requirements for conducting and recording remote audits. Recording consent under UAE data-protection rules should also be confirmed.

Recommended next steps

1	Set the invite email to use the live web address, and serve the invite page over HTTPS.
2	Allow guest tokens on the TURN service so guests can connect across different networks.
3	Build the real in-browser meeting screen to replace the test client.
4	In parallel: confirm TDRA and accreditation approvals before the first real client audit.

Quality Registrar Systems — internal status report. Prepared 27 July 2026. Timelines are estimates and may change as work progresses.