

Valid8: Facial Recognition Attendance System

Frequently Asked Questions (FAQs)

Q: What is Valid8?

A: A facial recognition-based attendance system for schools and events.

Q: Why use facial recognition for attendance?

A: It's contactless, efficient, secure, and minimizes errors.

Q: Can Valid8 be used for multiple events?

A: Yes, it can manage multiple events and attendance records.

Q: Is internet access required?

A: No, it runs locally on a server without internet.

Q: Is facial data stored online?

A: No, all data is stored securely on a local server.

Q: How do participants register?

A: Admins capture participant images and details via the system.

Q: Can a participant update their photo?

A: Yes, by re-registering through the admin dashboard.

Q: How long does it take to record attendance?

A: Attendance is logged in 1-2 seconds.

Q: Can attendance be edited manually?

A: Yes, by authorized admins.

Q: Can participants check their own attendance?

A: No, only admins can access records.

Q: Who can access admin features?

A: Only authorized admin accounts.

Q: How is Valid8 deployed?

A: Through Docker containers for backend and frontend.

Q: Can it be moved to another computer?

A: Yes, via Docker deployment.

Q: How is data backed up?

A: Admins can manually back up database files.

Q: How is facial data protected?

A: Stored securely in a local database, accessible only by admins.

Q: Is it privacy-compliant?

A: Yes, no cloud storage is involved.

Q: Can participant data be deleted?

A: Yes, admins can remove records and images.

Common Issues & Solutions

Issue: The system is not detecting faces properly.

Solution: Adjust lighting, remove face coverings, reposition the camera.

Issue: A registered participant is not recognized.

Solution: Re-register participant, ensure a clear image.

Issue: Camera is not detected.

Solution: Reconnect camera, enable permissions, restart system.

Issue: Attendance data not saving.

Solution: Check database connection, restart services.

Issue: System is slow or unresponsive.

Solution: Close other apps, restart Docker, free system resources.

Issue: Unable to access admin dashboard.

Solution: Verify login, restart backend, check Docker containers.

Issue: Docker containers won't start.

Solution: Check logs, resolve port conflicts, fix config files.

Issue: Attendance reports not generating.

Solution: Restart backend, check report module.

Issue: System crashes after login.

Solution: Review logs, reinstall Docker images, clear cache.

Issue: New participant registration fails.

Solution: Check camera and database connections.

Issue: User login failed.

Solution: Verify username/password, check user account, restart backend, check database.