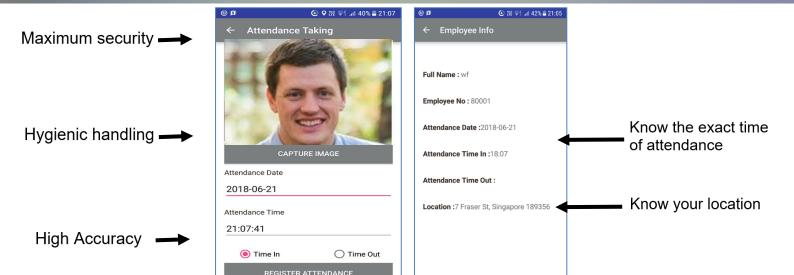


ALM® @Attendance – Time Attendance App



The system uses Deep Neural Network Face Recognition Technology to identify individual identity for attendance taking & time sheet generation. We also provide integration to your payroll software to calculate payroll. With this mobile app, you do not need to invest and maintain the hardware. All you need is either ask your employee to use their mobile phone to take attendance or mount a tablet in your office to take attendance.

The mobile app can be easily tailored to work in your organization. The primary timeattendance features are as follows:

- Time Attendance taking by face recognition using mobile phone camera to take a
 picture. The artificial intelligence software on the cloud will automatically
 recognize the staff, its staff id, name, time in or time out, and location taking the
 attendance.
- No longer queue at gate entrance or gate exit.
- No hardware installation. Just install the app on your mobile phone. No hardware maintenance needed.
- Real-time attendance tracking
- On site work tracking. Company can track employee attendance when they carry out on site job
- The mobile app can identify where an employee is.
- · No more queue in front of time clock or finger print attendance machine
- Simple registration
- Optional Job Management Employee job can be assigned over the cloud. Employee receive job and update job status through Mobile App. Customer signature, rating, comment capture through mobile.

- On-line general attendance reports and statistical reports for HR to generate time sheet and payroll
- Individual attendance report accessible by the HR and Direct Manager can be access anywhere through world-wide-web in a secured mode;
- Optional job scheduling, job complete email is sent to customer automatically.
- Optional integration to your payroll software
- Optional feature to allow employee to upload document for company approval or record.
- Optional Comprehensive reports can be customized to the needs of organisation. It includes absentee report, abnormal absentee trends.

Comparison of Face recognition and Finger print sensing

Metric	Face recognition	Fingerprinting
Queue	No long queue at gate	Long queue during morning and evening
Flexible location	Able to track the location. Allow variable location attendance taking for field service and sales meeting	Tracking at fix location only
No need to purchase and maintain hardware	Save money on purchase and maintenance of devices	Need to spent money to purchase multiple readers and maintain them. Sensor is repeatedly touched – lower durability
Hygiene	Sensor is not touched – high hygiene confidence	Sensor is repeatedly touched – low hygiene confidence
Ease of Use	Simply take picture – easier for end user	Has to place finger pressured against the reader in specific ways – harder for end user
Psychology	Feels natural	Feels unnatural, psychological link to police investigation.
Resistance Against Forgery	Taking picture as evidence and high recognition accuracy.	Depending on the implementation, liveliness detection of finger is possible.

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