



PRESENCEPRO

AI-Based Facial Recognition Attendance System

WHAT IS PRESENCEPRO?

- An AI-powered system for managing attendance and enhancing campus security using facial recognition and geo-tracking.
- Uses AI facial recognition for accurate tracking.
- Includes features like hazard reporting and leave management.

KEY FEATURES



Facial Recognition
for Attendance



Real-Time
Geo-Tracking



Hazard
Reporting



Leave
Management

HOW IT WORKS ?

1. Login and Face Registration:

- Users log into the PresencePro app with credentials.
- Face scanned for first-time users, used for future check-ins and check-outs.

2. Check-In:

- Face scan verifies identity and location for check-in.
- Matches with scheduled shift or class.

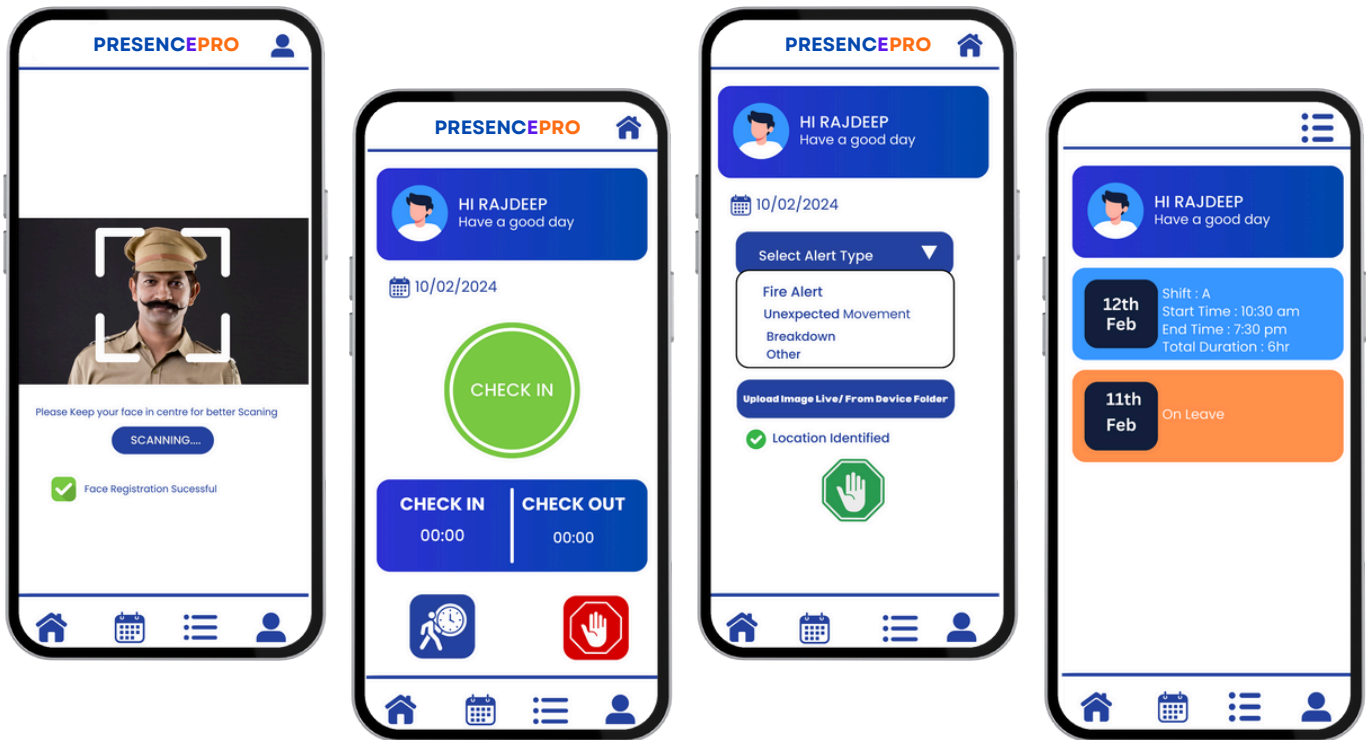
3. Tracking During Shift:

- Geo-tracking ensures presence within designated areas.
- Users can report hazards with images and remarks.

4. Check-Out:

- Face scan for check-out logs time and attendance duration.
- Auto checkout when user is out of assigned work location radius

SCREENSHOTS



CASE STUDY

Client Overview:

JSW Paradip, a major industrial hub, faced challenges in managing the attendance and monitoring of security guards across its vast facility.

Challenges:

- Inaccurate manual attendance tracking.
- Proxy attendance issues.
- Difficulty monitoring guards across multiple locations.
- Lack of centralized reporting and real-time updates.

Solution:

JSW Paradip implemented an AI-powered system with the following features:

- **Facial Recognition:** Eliminated proxy attendance and ensured accurate tracking.
- **Geo-Tracking:** Monitored guard locations and sent alerts for zone violations.
- **Shift Management:** Automated scheduling and instant updates for guards.
- **Centralized Dashboard:** Provided real-time attendance and activity reports.
- **Incident Reporting:** Enabled guards to report hazards directly through a mobile app.