🎯 Purpose

Tracks attendance behaviors, time in/out, overtime, and absences using segmented workday rules. Designed for field techs, office staff, and shop workers.

📋 Features

- Auto-classification by day type (Workday, Weekend, Holiday)
- Segmented time blocks: Before Worktime, Worktime, After Worktime
- Shift-specific logic for shop (6:00–2:00) and office (7:30–3:30)
- Manual and automatic entries via device punches or server logs
- Integration with Time Interval Standards (TIS)

📊 Data Points

- Clock-in/out time per user
- Location/device of punch (optional)
- Duration within each segment (e.g., Worktime)
- Missed punches / late entries
- PTO, sick time, holidays

🧠 Smart Behaviors

- Automatically resolves entry overlaps
- Flags outliers and missed punches
- Can trigger Management Escalation Tree rules if attendance is habitual concern

🔌 Integrations

- Links with Order System for assignment-based tracking
- Works with Mobile Modals for on-field punch-in
- Real-time updates via SSE (Server-Sent Events)

⟨/⟩ Example Entry

{ "user": "msmith", "date": "2025-06-13", "in": "07:35", "out": "15:45", "worktime_minutes": 480, "early_minutes": 0, "late_minutes": 5, "location": "Shop Tablet" }