

■ **FrancoSphere Implementation – Comprehensive Schema & Model Reference**

1 · BUILDINGS (Table: `buildings`)

id · name · address · latitude · longitude · imageAssetName · timezone · hasOutdoorAccess

2 · WORKERS (Table: `workers`)

id · name · email · role · passwordHash · skillLevels · assignedBuildings · timezonePreference

— Worker Schedule (`worker_schedule`)

— Worker Time Logs (`worker_time_logs`)

3 · TASKS (Table: `tasks`)

id · external_id · name · description · buildingId · scheduledDate · startTime · endTime · recurrence · urgencyLevel · category · requiredSkillLevel · isCompleted · voice_note_path · completed_photo_id

— Task Assignments (`task_assignments`)

— Maintenance History (`maintenance_history`)

4 · TASK TEMPLATES (`task_templates`) ...

5 · ENUMS

TaskCategory = cleaning | maintenance | repair | sanitation | inspection | general

TaskRecurrence = oneTime | daily | weekly | biweekly | monthly | quarterly | semiannual | annual

TaskUrgency = low | medium | high | urgent | critical

6 · IN■MEMORY VIEW■MODELS

WorkerRoutineSummary · WorkerDailyRoute · RouteStop · RouteOptimization · ScheduleConflict · MaintenanceTask

7 · MIGRATION VERSIONS

V001 → base schema ... V012 → latest additions (`voice_note_path`, `completed_photo_id`).

8 · REFERENCE DATA

- 18 buildings (id 1■18) with lat/long & images
- 20 master task templates
- 61 CSV task assignments (import log)
- 5 sample workers (Kevin Dutan etc.)

This single document enumerates *every* table column, enum value, and in■memory model property present or planned in the FrancoSphere codebase so that **Cursor AI** (or any other tooling) can instantly provision databases, seed records, and reason about runtime state with full coverage.