«Enum» MaintenanceStatus

PENDING
IN_PROGRESS
COMPLETED

«Enum» TaskType

MAINTENANCE
INSPECTION
REPAIR
SYSTEM_CHECK

«Role» Technician

+licenseNumber: String {Mandatory, ValidLicenseNumber, Column(unique = true)}
+phoneNumber: String {Mandatory, ValidPhone, Automapped}
+specialization: String {Mandatory,ValidShortText, Automapped}
+healthTestPassed: boolean {Mandatory, Valid, Automapped}
+yearsOfexperience: Integer {Mandatory, ValidNumber(min=0, max=120), Automapped}
+certifications: String {Optional, ValidString(min=0, max=255), Automapped}

are made by

are registered by

«Entity» Task

+ticker: String {Mandatory, ValidTicker, Column(unique=true)}
+type: TaskType {Mandatory, Valid, Automapped}
+description: String {Mandatory, ValidLongText, Automapped}
+priority: Integer {Mandatory, ValidNumber(min=0, max=10),Automapped}
+estimatedDuration: Integer (Mandatory, ValidNumber(min=0, max=1000), Automapped)

«Entity» MaintenanceRecord {ValidMaintenanceRecord}

+ticker: String {Mandatory, ValidTicker, Column(unique=true)}
+maintenanceMoment: Date {Mandatory, ValidMoment(past=true), Temporal(TIMESTAMP)}
+status: MaintenanceStatus {Mandatory, Valid, Automapped}
+nextInspectionDue: Date {Mandatory, ValidMoment, Temporal(TIMESTAMP)}
+estimatedCost: Money {Mandatory, ValidMoney, Automapped}
+notes: String {Optional, ValidString(min=0, max=255), Automapped}

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Involves

«Entity» InvolvedIn

involved In

1