SMART HOME IoT – Data Dictionary

TABLE: homes
- home_id (INTEGER): Unique home identifier
- owner_name (TEXT): Name of homeowner
- city (TEXT): Home city
- home_type (TEXT): Type of home (apartment, condo, etc.)

TABLE: devices
- device_id (INTEGER): Unique device identifier
- home_id (INTEGER): Home that owns the device
- device_type (TEXT): Device type (thermostat, camera, etc.)
- install_date (DATE): Date installed
- status (TEXT): Device status (active, offline)

TABLE: sensor_readings
- reading_id (INTEGER): Unique reading identifier
- device_id (INTEGER): Device that produced the reading
- reading_datetime (DATETIME): Timestamp of reading
- metric_type (TEXT): Metric type (temperature, motion, etc.)
- value_numeric (REAL): Numeric reading value
- value_text (TEXT): Text reading value

TABLE: alerts
- alert_id (INTEGER): Unique alert identifier
- device_id (INTEGER): Device that triggered alert
- alert_datetime (DATETIME): Timestamp of alert
- alert_type (TEXT): Alert type (intrusion)
- severity (TEXT): Alert severity (medium, high)