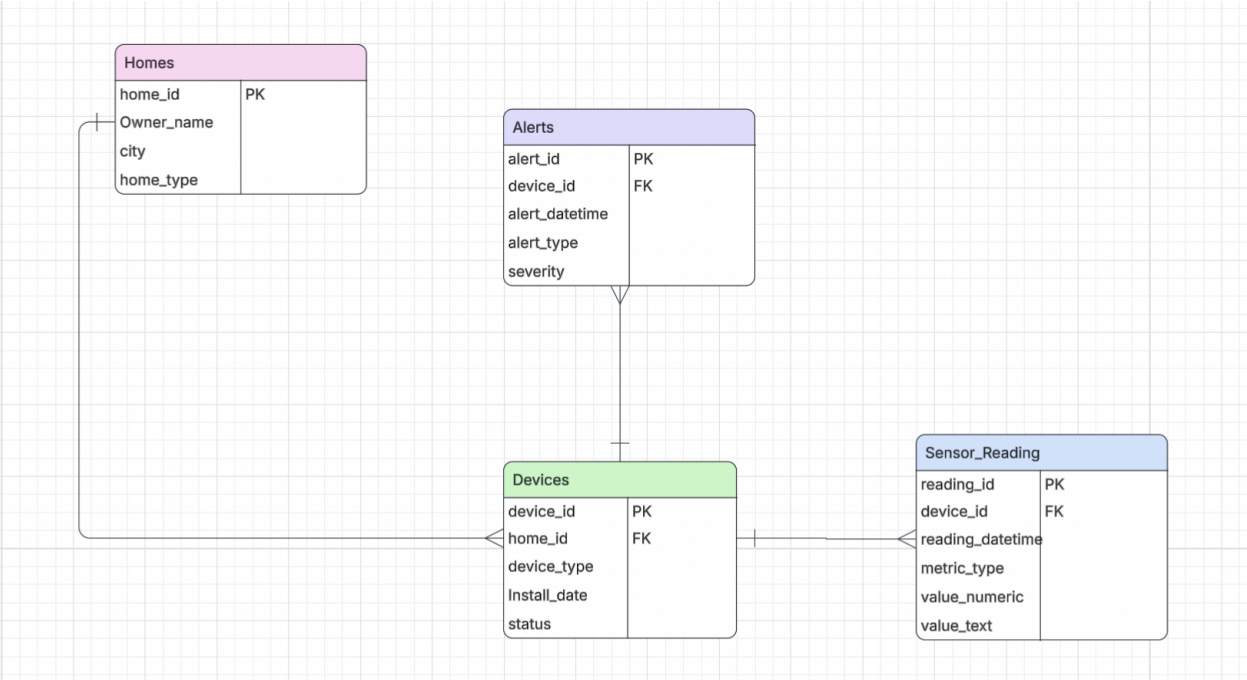
AD599 SMART HOME IoT

Reverse-engineered ERD



Data Dictionary

Table	Column	Type	Definition
homes	home_id	INTEGER	Unique home identifier
	owner_name	TEXT	Name of homeowner
	city	TEXT	Home's city
	home_type	TEXT	Home category (apartment, condo, etc.)

devices	device_id	INTEGER	Unique device ID
	home_id	INTEGER	Home that owns the device
	device_type	TEXT	Type of device (thermostat, camera, etc.)
	install_date	DATE	Date device installed
	status	TEXT	Device state (active/offline)
sensor_readings	reading_id	INTEGER	Unique reading ID
	device_id	INTEGER	Device that generated reading
	reading_datetime	DATETIME	Timestamp of reading
	metric_type	TEXT	Measurement type (temperature, motion, etc.)
	value_numeric	REAL	Numeric reading (temp, motion=1/0)
	value_text	TEXT	Text reading (door open/closed)
alerts	alert_id	INTEGER	Unique alert ID
	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)