IoT Data Storage for Smart Homes

Entities and attributes:

USER — User-ID, Name, Email, password-hash

DEVICE — Device-ID, Device Name, Device Type, device status

SENSOR — Sensor-ID, Sensor Type, sensor-status

LOCATION — Location ID, City, Address, State, ZipCode

SENSOR DATA — Sensor Data ID, Data Value, Unit, Timestamp

HOUSE — House ID, House No., Rooms

ALERT — Alert-ID, Timestamp, Message, Alert type

Relationships:

Has, Have, Is in, Contains, Lives in, Gives, Shows