Creating, Grouping, and Supervising Temperature Sensor Actors

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Overview

Design overview

Create Floor actor class

Create message classes
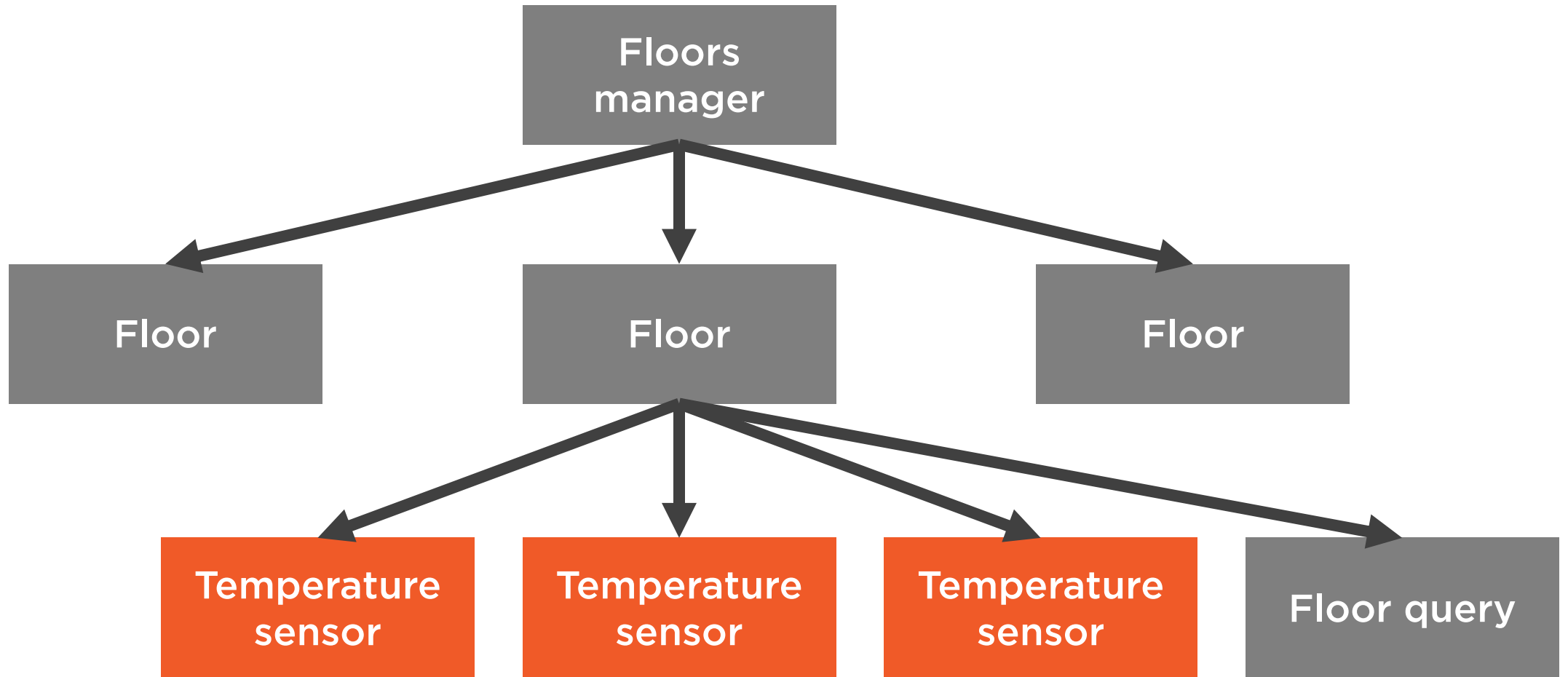
Develop using TDD
- Register new sensors
- Return existing sensors
- List sensor IDs
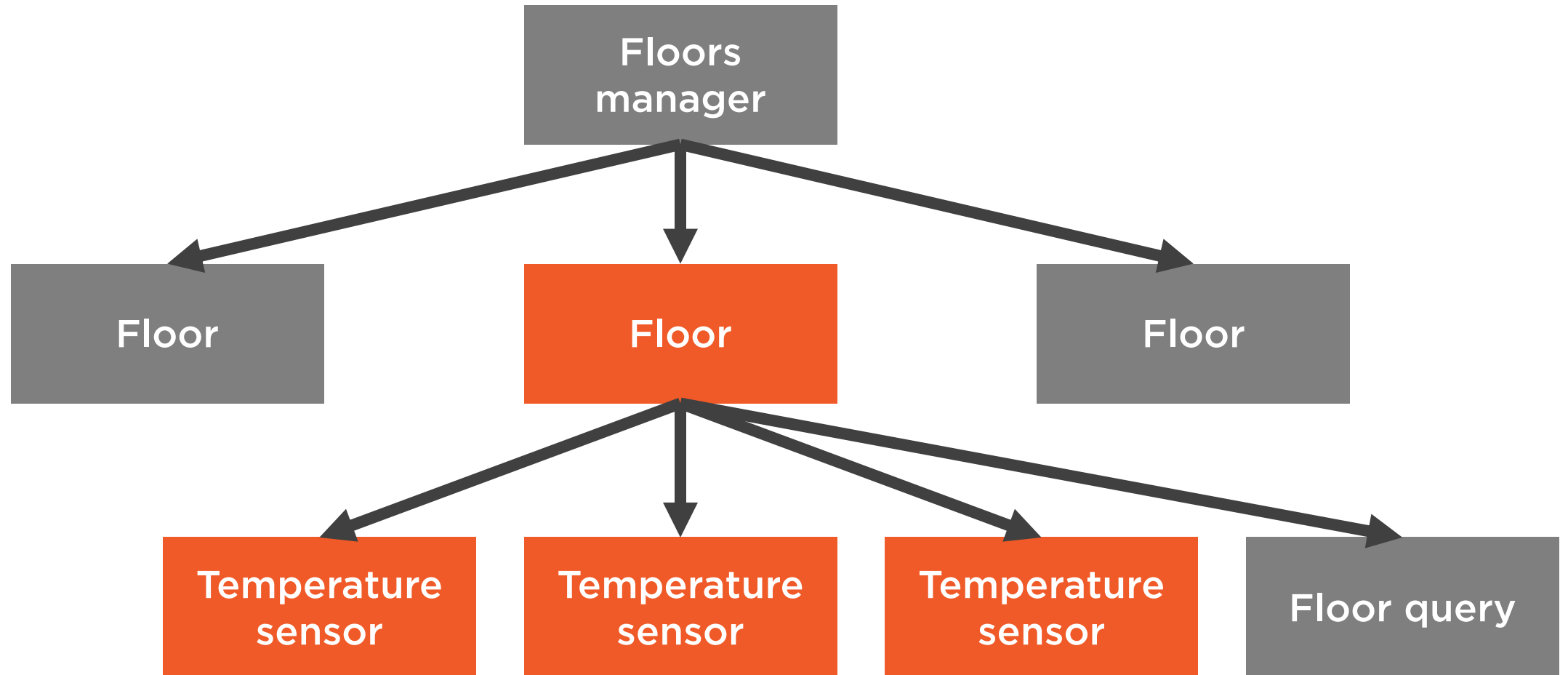- Monitor sensor children

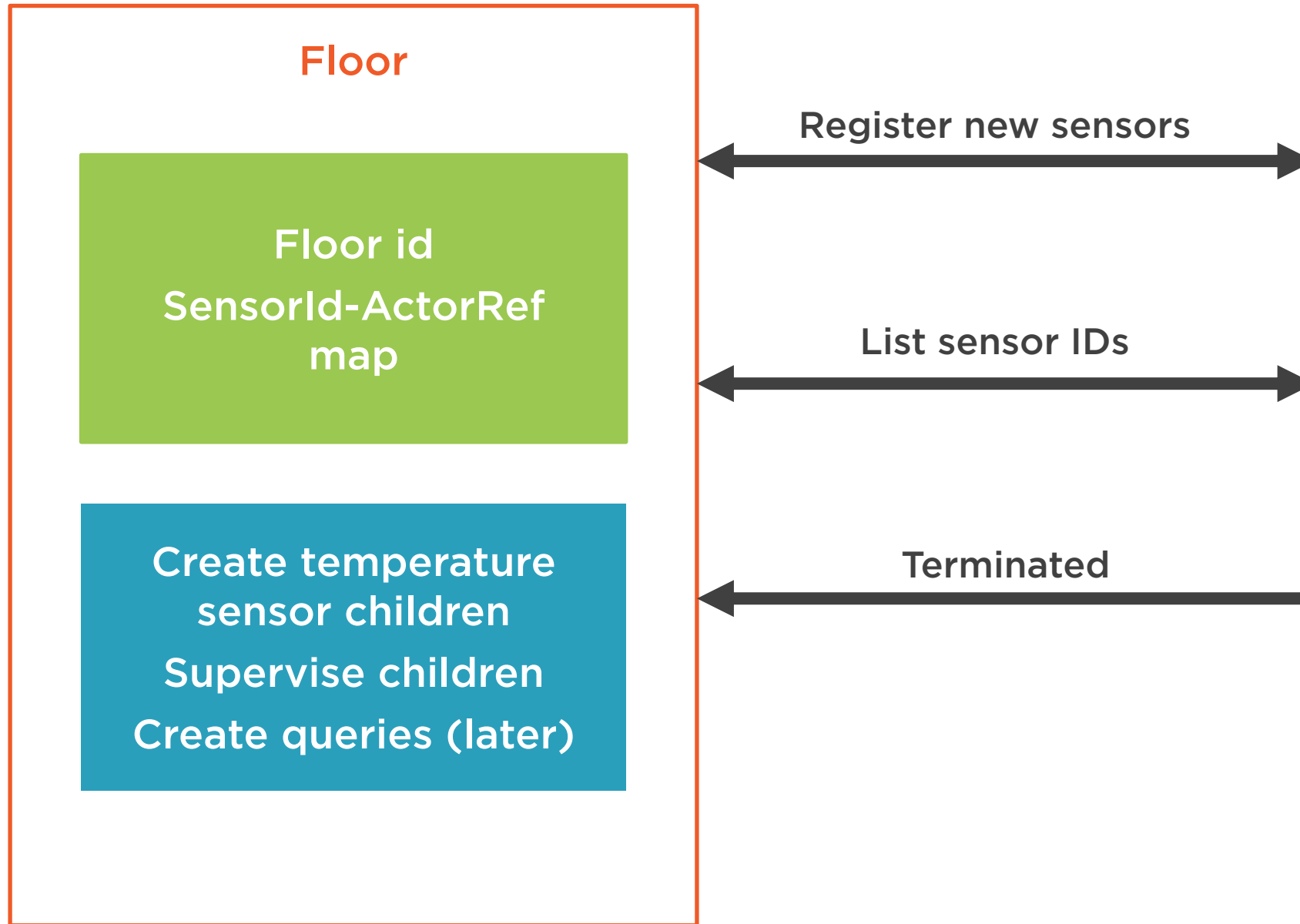**Working Floor actor**

Passing automated tests

Supervision Hierarchy

Supervision Hierarchy

Floor

Floor id
SensorId-ActorRef
map

Create temperature
sensor children
Supervise children
Create queries (later)

Register new sensors

List sensor IDs

Terminated

Summary

Design overview

Created Floor actor class

Created message classes

Developed using TDD
- RequestRegisterTemperatureSensor
- RequestTemperatureSensorIds
- Terminated

Working Floor actor

Passing automated tests

Next:

Managing Sensor Groups and Registering New Temperature Sensors