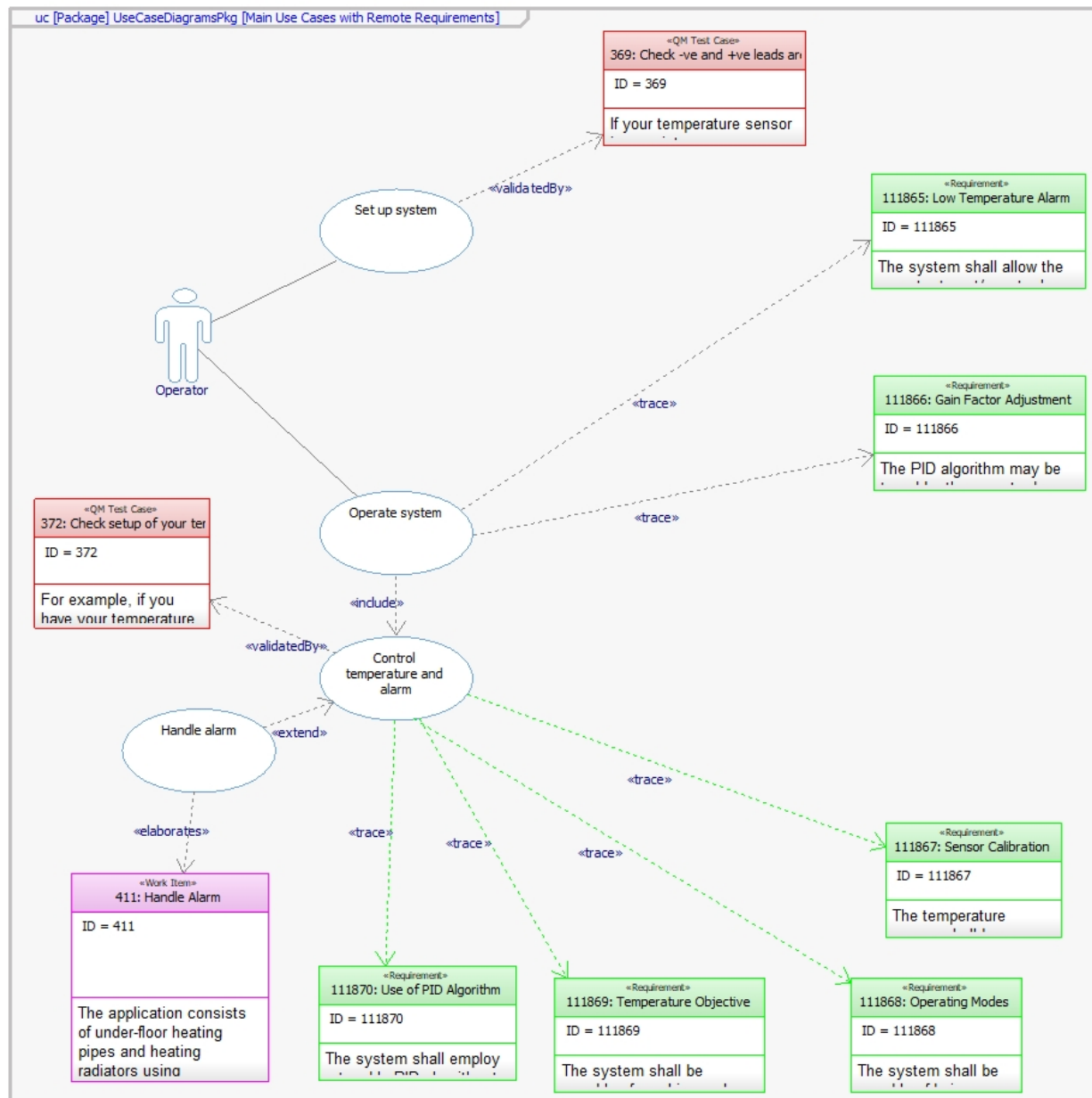
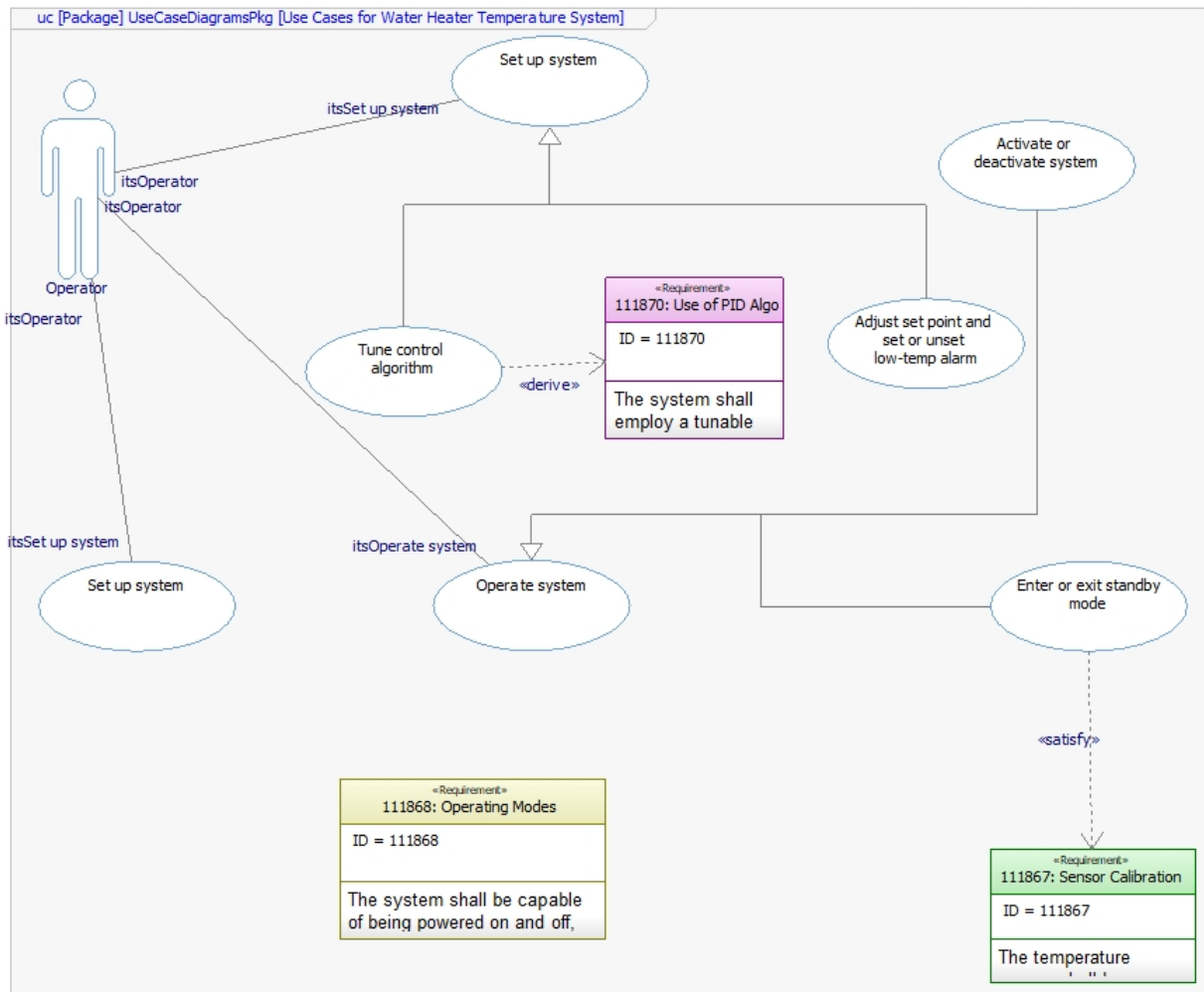


# Use Case Diagram : Main Use Cases with Remote Requirements



# Use Case Diagram : Use Cases for Water Heater Temperature System



## Use Cases :

**Set up system:**GUID 5b1a8be4-744b-46dd-8a9d-7ccd63b5a8fa  
369: Check -ve and +ve leads are correct:QMTTestCase (Stereotype)

**Operate system:**GUID fa7a10c2-5abe-4b1b-9c2e-63dd2e9f14e8  
111866: Gain Factor Adjustment:trace (Stereotype)

111865: [Low Temperature Alarm](#):trace (Stereotype)

111869: [Temperature Objective](#):refine (Stereotype)

**Adjust set point and set or unset low-temp alarm**:GUID f528e752-3245-47bb-b063-ecb7ecaefb48

412: [Set Low Temperature](#):WorkItem (Stereotype)

**Tune control algorithm**:GUID 7445b6cd-9a5e-4776-941b-a38a9b574c14

111870: [Use of PID Algorithm](#):derive (Stereotype)

**Calibrate sensor**:GUID b8d58ef1-5de4-4f33-9591-2f11f84ff874

**Activate or deactivate system**:GUID 30367a29-da56-4589-9f86-b46d6ebbc75e

111862: [Heat and Maintain](#):derive (Stereotype)

**Enter or exit standby mode**:GUID 1f5ed18c-dfa6-42f0-9dad-65aaa867c157

111867: [Sensor Calibration](#):satisfy (Stereotype)

**Control temperature and alarm**:GUID 6051efd3-0aed-4982-bf5f-b2d30778bfbb

111869: [Temperature Objective](#):trace (Stereotype)

111870: [Use of PID Algorithm](#):trace (Stereotype)

111868: [Operating Modes](#):trace (Stereotype)

111867: [Sensor Calibration](#):trace (Stereotype)

372: [Check setup of your temperature controle...](#):QMTestCase (Stereotype)

**Handle alarm**:GUID b567c4cd-389d-4f5f-a65b-e7b1031c5f7f

411: [Handle Alarm](#):WorkItem (Stereotype)