Use Case	Zoning and control of light					
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Context	As soon as the manager or kitchen staff wants to adjust the light, the system shall provide the manager or kitchen staff with the ability to adjust, analyze the energy consumption, and control the light according to their wishes.					
Domain	Kitchen environment	Business Value	Personalization Communication Control	☐ ☒ ☒	Acquisition Optimization Analysis	☒ ☒ ☒

Description		
Stakeholders & Interests	Stakeholder	Interests
	Kitchen staff	Demand-based control of the light; control of the light in different areas; control via switches
	Manager	Reduction of costs; Reduction of energy consumption; Creation of new zones for light control without physical adjustments; Centralized control via user interface; Low management of light switches; Receipt of a report on malfunctions; Overview of energy consumption;
Required Data	Luminaire parameters, configuration, and error messages Time and date the lights were used Energy consumption in kWh	
Current Conditions	Current conditions are not presented as an example.	

Procedure		
Trigger	The kitchen staff or manager would like to adjust the lighting status.	
Use Case Procedure	Step	Activity
	1. Switch is actuated	The kitchen staff or the manager operates the EnOcean switch.
	2. Execution of the adjustment	The desired state is set.
	3. Recording energy consumption	The energy consumption is documented in kWh.
	4. Analysis of energy consumption	The energy consumption is analyzed and the savings in non-consumed kWh are determined.
	5. Check and send error messages	Any errors are identified and sent to the manager via e-mail.
Use Case Anomalies	Step	Activity
	1a. Control via user interface	The kitchen staff or manager activates the switch in the user interface.
	1b. Customization via user interface	The kitchen staff or manager adjusts the default settings of a zone or lamp that is used by pressing a switch.

Final State	The light level is adjusted to the required intensity in the desired areas.

Overlaps
No overlaps with other domains.

Sum of Business Values total (incl. title domain, header)	Personalization 0 Acquisition 1 Communication 1 Optimization 1 Control 1 Analysis 1