Use Case	Access control				
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Context	As soon as the kitchen staff wants to enter the kitchen, the system shall authenticate personnel and document access attempts.				
Domain	Kitchen environment	*Business Value*	Personalization ☐ Communication ☐ Control ☒	Acquisition ☒ Optimization ☒ Analysis ☒	

Description		
Stakeholders & Interests	*Stakeholder*	*Interests*
	Kitchen staff	Automatische Erfassung der Anwesenheit; Reduktion der manuellen Tätigkeiten
	Manager	Monitoring which people are working in the kitchen; preventing theft; preventing false declarations of attendance; creating reports; clear presentation in a user interface
Required Data	Identifier, name, arrival time of the employee and date	
Current Conditions	The kitchen staff currently have to record attendance manually. The information is not guaranteed to be correct, and it is difficult to track individual people's activities. As a result, data is often falsified, and theft is recorded.	

Procedure		
Trigger	The kitchen staff would like to enter the kitchen area.	
Use Case Procedure	*Step*	*Activity*
	1. Request chip card	Kitchen staff must hold the chip card in front of the reader.
	2. Read chip card	The kitchen staff lifts the chip card to the reader to retrieve the stored information.
	3. Analysis of the information	The system checks whether the employee is registered and authorized to access the kitchen environment.
	4. Successful authentication	The employee is registered and authorized. The barrier is opened, an LED lights up, and a welcome message is displayed.
	5. Event documentation	The process is documented so that it can be viewed by the manager afterwards.
Use Case Anomalies	*Step*	*Activity*
	4a. Unsuccessful authentication	The employee is not registered or authorized. Access is denied.
Final State	The kitchen staff enters the kitchen environment.	

Overlaps		
No overlaps with other domains.		
Sum of Business Values total (incl. title domain, header)	Personalization 0 Communication 0 Control 1	Acquisition 1 Optimization 1 Analysis 1