Use Case	**Individual recording of food waste**			**19**
Context	As soon as a customer disposes of their waste, the system shall provide the manager with the ability to determine the amount of waste produced to take appropriate measures to reduce food waste in the event of high volumes.			
Domain	Food & Nutrition	*Business Value*	Personalization ☒ Acquisition ☒ Communication ☒ Optimization ☐ Control ☐ Analysis ☒	

Description		
Stakeholders & Interests	*Stakeholder*	*Interests*
	Kund*in	Reduce environmental pollution; get an overview of personal food waste;
	Manager*in	Reduce food waste; create awareness of personal food waste; obtain an overview of individual food waste; identify customers with high waste production; obtain options for action
Required Data	Customer: Uniquely assignable identification Waste: Weight, tolerance weight for bones, etc.	
Current Conditions	Currently, only the weight of individual garbage cans or the total weight can be determined.	

Procedure		
Trigger	Customer scans the RFID card on the garbage can to open it.	
Use Case Procedure	*Step*	*Activity*
	1. Opening the trash can	RFID card is recognized and the trash can opens.
	2. Disposal of waste	The customer can dispose of the waste produced.
	3. Determination of the amount of waste	The waste is weighed, whereby a tolerance weight for bones, etc., is set, above which weight something is considered superfluous food waste.
	4. Display the amount of waste disposed	The total weight is displayed to the user on a screen.
	5. Transmission of the quantity of waste disposed	The surplus waste quantity is sent to the database and stored.
	6. Closing the trash can	The trash can is closed.
Use Case Anomalies	*Step*	*Activity*
	No information provided.	
Final State	The amount of waste recorded can be analyzed by the management.	

Overlaps						
Domain 2	Kitchen environment	*Business Value*	Personalization Communication Control	☐ ☐ ☒	Acquisition Optimization Analysis	☐ ☐ ☐
Sum of Business Values total (incl. title domain, header)			Personalization Communication Control	1 1 1	Acquisition Optimization Analysis	1 0 1