

Use Case		Improving court quality				20
Context	As soon as the kitchen staff wants to start preparing an order, the solution shall be able to determine the optimal preparation process using the required parameters, maximizing quality and minimizing preparation time and energy costs.					
Domain	Preparation	Business Value	Personalization	<input type="checkbox"/>	Acquisition	<input type="checkbox"/>
			Communication	<input type="checkbox"/>	Optimization	<input checked="" type="checkbox"/>
			Control	<input type="checkbox"/>	Analysis	<input checked="" type="checkbox"/>

Description		
<i>Stakeholders & Interests</i>	<i>Stakeholder</i>	<i>Interests</i>
	Kitchen staff	Determine optimal order of preparation; minimize workload; focus on area of interest
	Manager	Increasing the quality of the dishes; reducing energy costs; minimizing the workload
<i>Required Data</i>	Existing stoves, possible combinations of stoves & availability of stoves Digital recipes Orders Assignment of order and recipe Energy consumption	
<i>Current Conditions</i>	Current conditions are not presented as an example.	

Procedure		
<i>Trigger</i>	The kitchen staff would like to prepare one or more orders.	
<i>Use Case Procedure</i>	<i>Step</i>	<i>Activity</i>
	1. Acquisition	The kitchen staff records which dishes must be prepared, which recipes must be used, and which stoves are available.
	2. Input	The kitchen staff transfer the parameters to the solution.
	3. Execution of optimization procedures	The solution determines the optimum sequence that maximizes quality, minimizes preparation time, and minimizes energy costs.
	4. Output of the optimum sequence	The solution displays the optimum sequence. It shows which part of which dish has to be prepared on which hob and for how long, as well as the total preparation time.
	5. Preparation	The kitchen staff begins to prepare the optimum sequence.
<i>Use Case Anomalies</i>	<i>Step</i>	<i>Activity</i>
	4a. Error message	The solution issues an error message. The kitchen staff investigates the error, and then step 1 is repeated.
<i>Final State</i>	The kitchen staff prepares the order(s) in the optimum sequence.	

Overlaps						
<i>Domain 2</i>	Kitchen environment	<i>Business Value</i>	Personalization	<input type="checkbox"/>	Acquisition	<input checked="" type="checkbox"/>
			Communication	<input type="checkbox"/>	Optimization	<input checked="" type="checkbox"/>
			Control	<input type="checkbox"/>	Analysis	<input checked="" type="checkbox"/>
<i>Sum of Business Values total (incl. title domain, header)</i>			Personalization	0	Acquisition	1
			Communication	0	Optimization	2
			Control	0	Analysis	2