|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Student utterance | DSSA utterance | Constraint (triggers are bold) | Additional required knowledge (domain model) | Comment |
|  | Do you have time now for a short chat? |  |  |  |
| Sure. |  |  |  |  |
|  | Did you manage to integrate services into your workflow? |  | * The name of the task (“Integrate services into your workflow”). | Maybe we should make it even more explicit that we intend to talk about task XYZ? |
| yes, I used integromat |  |  | * “integromat” is-a tool |  |
|  | Cool! Integromat is a great tool isn't it?  Which type of service did you integrate in Integromat? | Cr = **task** = service integration  Cs = know which types of service were integrated | * Task is of type “service integration” |  |
| I used integromat to save a menu in a google sheet from camunda |  |  | * “camunda” is-a tool * Relationship “executes” between the concepts “camunda” and “BPMN workflow” |  |
|  | How did you manage to integrate Integromat into your BPMN workflow? | Cr = use of **Integromat** and **camunda**  Cs = integrate Integromat into BPMN workflow via an *http-connector* (OR via xyz…) |  |  |
| I used camunda modeller. I configured a service task with an http-connector and written the WebHook from integromat. |  |  |  | Seeing “http-connector” satisfies Cs  Decide to ask for service task first, then for http-connector |
|  | Cool! Why did you use a service task again? | Cr = No *human* or *script* involved in a task  Cs = use a **service task** |  | Why question for reflection: starts with Cs and asks for Cr |
| Because the bpmn process is using a service to perform a task. A human or a script is not involved. |  |  |  | Seeing “human” and “script” together with a negation confirms that Cr was understood. |
|  | Which HTTP elements did you use? | Cr = **http-connector** is used  Cs = need to specify the following HTTP elements: *method, header, payload and url* |  |  |
| I filled method, header, payload and url as input parameter in the http connector |  |  |  | Cs is satisfied  Decide to ask for first the method and then the payload |
|  | Which HTTP method did you use and why? | Cr = HTTP **method** is specified  Cs = use either *POST, GET, PUT or DELETE*  Cr = task contains the concept “*save*”  Cs = use *POST* or *PUT* method, but *not* GET or DELETE | * The concept “save” can also be expressed with the keyword “store” | Waiting for “POST” to confirm Cs of second constraint; then waiting for its Cr |
| I opened the camunda exercise and I used the get method. I was receiving the menu in the service task, I did not save the menu in the google sheet. |  |  |  | Cs of first constraint satisfied  Cs of second constraint not confirmed -> ask again |
|  | It seems you were using GET, are you sure about this? | Cr = task contains the concept “save”  Cs = use POST or PUT method, but *not* **GET** or DELETE |  |  |
| yes, I used get to retrieve the list of pizzas in the menu. The menu is saved in a google sheet |  |  |  | Seems to match Cr (“saved”), but not Cs (“POST”)  -> switch to next topic; save unconfirmed constraint for final feedback |
|  | Hmmm. How did you construct the payload? | Cr = **payload** is defined  Cs = use *JSON* format |  |  |
| I modified the one from the lectures |  |  |  | No trigger keyword was recognized -> ask for “format” |
|  | In which format did you write the payload? | Cr = **payload** is defined  Cs = use *JSON* format |  |  |
| I used JSON |  |  |  | Cs confirmed |
|  | Wow, cool stuff!!!  Maybe you consider the POST method again for creating data?  But, it seems you are prepared for the next session. Bye. |  |  | Final feedback:   * make a summary of unconfirmed constraints * end with a positive feedback |