A Use Case scenario and an Activity diagram mapping schema

To understand the Use Case scenario representation in the Activity diagram, see the following table.

Use Case Scenario	Mapping in Activity diagram	Example
One (the first) Ba sic flow step	 The Activity with the Activity diagram is created under the owning Use Case just after the first basic flow step is created. The name of the created Activity and Activity diagram is the same as the owning Use Case name. In the Activity diagram, the Call Behavior Action is created for the basic flow step. The Initial Node is created before the Call Behavior Action. The Final Node is created after the Call Behavior Action. The Control Flow relationships are created from the Initial Node to the Call Behavior Action and from the Call Behavior Action to the Final Node. 	Identify Item
Basic flow steps	 The Call Behavior Action is created for each basic flow step. The Initial Node is created before the first Call Behavior Action. The Final Node is created after the last Call Behavior Action. The Control Flow relationships are created from the Initial Node to the first Call Behavior Action, between each Call Behavior Action, and from the last Behavior Action to the Final Node. 	Identify Item Get Loan Details Confirm Return
Included use case	 The Call Behavior Action is created for the basic flow step of the included Use Case. The Call Behavior Action is inserted to the activity basic flow according to the order it was inserted in the basic flow. The Call Behavior Action is connected with the Control Flow relationships. The Call Behavior Action has the Activity behavior defined. This Activity name corresponds to the name of the included Use Case. The activity (the Behavior or the Call Behavior Action) is owned by the included Use Case. The activity (the Behavior or the Call Behavior Action) is owned by the included Use Case. If the included Use Case has its own Use Case scenario, this scenario is represented in the activity; the Activity diagram is created inside the Activity and flows are represented. Operator Operator Operator Use Case with the included Use Case scenario, you must follow all the rules. Additionally, you must connect the including Use Case with the included Use Case with the included Use Case with the included relationship in your project.	Identify Item Confirm Return





Related pages

- Model Elements
- Transition
- State Machine diagram
- Activity diagram
- Sequence diagram
- Use Case diagram