

Create a Process

1. Link the form to the Start Event

To gather some data we now would like to link the already existing Start Form to the process. With that the same data is acquired than we already have for the case.

1. Select the Start Event.
2. Look out on the properties on the right side for the 'Start Form reference'
3. Click on 'link to an existing one' to select a reference.
4. Select the 'FLW-F001 Scooter Start Form' form.

2. Create an Exclusive Gateway

The next step is to create an Exclusive Gateway.

1. Look for the 'Exclusive Gateway' component in the palette on the left side.
2. Drag and drop Exclusive Gateway to the process.
3. Save the model to validate the result.

3. Add a Sequence Flow

Draw a Sequence Flow between Start Event and the Exclusive Gateway to make the Gateway follow the Start Event.

1. Click on the start none event.
2. Locate the quick-draw items on the right side of the symbol. In case they are not there, click outside and inside again.
3. Drag the arrow, which is the bottom right quick draw item.
4. Let it go once you hover the Gateway.

4. Set the label for the Gateway to 'Vehicle Speed?'

Double-click the Exclusive Gateway and type the text 'Vehicle Speed?'

1. Select the Exclusive Gateway.
2. Search the property 'Name' on the right hand side.
3. Enter the text 'Vehicle Speed?'

5. Create a User Task

The next step is to create a User Task with a Sequence Flow after the Gateway.

1. Click on the Exclusive Gateway.
2. Locate the quick draw items on the right side directly next to the Exclusive Gateway.
3. Click on the user symbol to add a User Task.
4. Save the model to validate the result.

6. Name the Sequence Flow '>= 15 km/h'

The User Task should only be available when the speed of the scooter is at least 15 km/h an hour. Therefore, we first add a descriptive label.

1. Click on the Sequence Flow.
2. Locate in the properties on the right side the option for the 'Name'.
3. Change the 'Name' to '>= 15 km/h'.
4. Save the model to validate the result.

7. Add a condition to verify the maximum speed is at least 15 km/h

Select the Sequence Flow and search on the right hand side for the 'Condition expression'. Click on 'Condition expression' and then click on the the 'Condition Builder' icon on the top right.

1. Click on the Sequence Flow.
2. Locate in the properties on the right side the option for the 'Condition expression'.
3. Click on 'Condition expression' and then click on the the 'Condition Builder' icon on the top right.
4. Search for the property max speed in the 'Select variable...' field.
5. Select 'Greater than or equal' for the operator.
6. Enter the value 15 into the 'Enter number value...' field.
7. Press 'Ok' to add the condition.
8. Save the model to validate the result.

8. Name the User Task 'Upload Driver's License'

Double-click the task name and name it 'Upload Driver's License'.

1. Double-click the task name.
2. Change it to 'Upload Driver's License'.
3. Save the model to validate the result.

9. Create an Exclusive Gateway

The next step is to create another Exclusive Gateway after the User Task. It must be linked with a Sequence Flow.

1. Click on the User Task.
2. Locate the quick draw items on the right side directly next to the User Task.
3. Click on the Gateway symbol to add an Exclusive Gateway.
4. Save the model to validate the result.

10. Add an alternative path between the Gateways

Add an additional Sequence Flow between the two Exclusive Gateways. Mark it as a default flow and add the label '< 15 km/h'.

1. Click on the first Exclusive Gateway.
2. Drag and drop the Sequence Flow into the second Exclusive Gateway.
3. Pull the Sequence Flow down so that it's not above the User Task.
4. Search the properties on the right side for 'Default flow' and check it.
5. Change the name of the Sequence Flow to '< 15 km/h'.
6. Save the model to validate the result.

11. Create an unlock scooter task

The next step is to create another User Task after the last Exclusive Gateway. It must be linked with a Sequence Flow and named 'Unlock Scooter'.

1. Click on the merging Exclusive Gateway.
2. Locate the quick draw items on the right side directly next to the Exclusive Gateway.
3. Click on the user symbol to add a User Task.
4. Name the User Task 'Unlock Scooter'.
5. Save the model to validate the result.

12. Create a return scooter task

The next step is to create another User Task after the unlock scooter task. It must be linked with a Sequence Flow and named 'Return Scooter'.

1. Click on the unlock scooter task.
2. Locate the quick draw items on the right side directly next to the task.
3. Click on the user symbol to add a User Task.
4. Name the User Task 'Return Scooter'.
5. Save the model to validate the result.

13. Create an End Event

Last, you need to create an End Event. This can be done by clicking on the Return Scooter task and select the round circle without content.

1. Click on the return scooter task.
2. Locate the quick draw items on the right side directly next to the task.
3. Click on the round circle without content.
4. Save the model to validate the result.

14. Publish the changes

To publish your app, click on the cloud icon featuring a small arrow to the top.

1. Locate the top menu bar which above the canvas.
2. Locate the publish button in the toolbar. This is the cloud symbol with a little arrow inside.
3. Press this button and a popup window will appear.
4. In the popup window, confirm the deployment target and the app. In this environment you do not really have a choice and you can simply say 'Publish'.
5. Once you completed this exercise you will be redirected automatically to Flowable Work. In a real application you would now need to switch to 'Flowable Work' manually.

15. Rent a scooter which goes 15 km/h

In Flowable Work, execute everything what you have done so far. Create a scooter which goes 15 km/h.

1. Select 'New' below 'Work' or 'Work' below 'New'
2. Select the process 'FLW-P001 Rent Scooter'.
3. In the Start Form, select at least a scooter type of your choice and put in for the speed 15.
4. Press 'Submit' and run through the tasks. Was the 'Upload Driver's License' Task executed?
5. Once you return the scooter, this task will be completed.

16. Rent a scooter which goes 14 km/h

In Flowable Work, execute everything what you have done so far. Create a scooter which goes 14 km/h.

1. Select 'New' below 'Work' or 'Work' below 'New'
2. Select the process 'FLW-P001 Rent Scooter'.
3. In the Start Form, select at least a scooter type of your choice and put in for the speed 14.
4. Press 'Submit' and run through the tasks. Was the 'Upload Driver's License' Task executed? This time it shouldn't.
5. Once you return the scooter, this task will be completed.