# TASK DESCRIPTION

From the provided text below create a process model in .bpmn Format that is valid accoridng to the BPMN2.0 Modeling standard.

## Mention types

- \*\*Activity\*\*: a task or action executed by an actor during the business process

- \*\*Actor\*\*: a person or organizational unit actively participating in the process

## Relation types

- \*\*actor performer\*\*: holds if it is indicated that a specific activity (source

mention) is carried out by a particular actor (target mention).

## Extraction procedure

Let’s carry out the extraction in three steps.

1. Extract all mentions of activities and actors.

2. Reading the input text again extract all relations between extracted mentions

3. Model the extracted information as a process in BPMN 2.0 Notation, please include the layout information (DI part)

# RESTRICTIONS

## Additional considerations

- If there is no action, there cannot be any actor in the sentence.

- Use the sentences’ context, but relations must not cross sentence boundaries.

## Disambiguation hints

- In the following there is only one activity (print claim), the rest are details:

“The claims officer prints the claim by clicking [PRINT].”

## Format instructions

The output should be an executable .bpmn format.

## Simplified Example 1 (If text is only one sentence):

### Input:

1: After the customer submitted the claim, it is examined by a claims officer.

### Output:

<?xml version="1.0" encoding="UTF-8"?><definitions xmlns="http://www.omg.org/spec/BPMN/20100524/MODEL" xmlns:bpmndi="http://www.omg.org/spec/BPMN/20100524/DI" xmlns:i18n="http://www.omg.org/spec/BPMN/non-normative/extensions/i18n/1.0" xmlns:omgdc="http://www.omg.org/spec/DD/20100524/DC" xmlns:omgdi="http://www.omg.org/spec/DD/20100524/DI" xmlns:signavio="http://www.signavio.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" exporter="Signavio Process Editor, http://www.signavio.com" exporterVersion="19.2.2" expressionLanguage="http://www.w3.org/TR/XPath" id="sid-2a5d4e96-a02e-4cba-86c8-19fd40a18e9f" targetNamespace="http://www.signavio.com" typeLanguage="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="http://www.omg.org/spec/BPMN/20100524/MODEL http://www.omg.org/spec/BPMN/2.0/20100501/BPMN20.xsd">

<collaboration id="sid-4777cf43-884d-49c4-a325-9f435a12218a">

<extensionElements>

<signavio:signavioDiagramMetaData metaKey="revisionid" metaValue="b3dc1b4e1592411f82de7f913634ad06"/>

</extensionElements>

<participant id="sid-B2B6EA58-DF52-43EC-94FE-1B22C8FD1A46" name="Claims Officer" processRef="sid-ACE8D60B-0F59-400F-A3F5-B62893E8DB49">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</participant>

<participant id="sid-322AF16D-FE70-4452-8C7F-724B98EE0AA1" name="Customer" processRef="sid-CF94AAC3-9459-41E3-80F3-790BF94338E3">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</participant>

<messageFlow id="sid-BFE3C41A-3C4B-4F9C-AA3C-CA69D40023D3" name="" sourceRef="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF" targetRef="sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30">

<extensionElements>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</messageFlow>

</collaboration>

<process id="sid-ACE8D60B-0F59-400F-A3F5-B62893E8DB49" isClosed="false" isExecutable="false" name="Claims Officer" processType="None">

<extensionElements/>

<laneSet id="sid-1c12c816-d425-4e1b-a814-92df49f76608">

<lane id="sid-B1937EA3-55B5-4049-81FB-213FC0E7D6E4">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue=""/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<flowNodeRef>sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1</flowNodeRef>

<flowNodeRef>sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30</flowNodeRef>

<flowNodeRef>sid-5560DDFB-5A5A-4333-92F6-6458C0D08E80</flowNodeRef>

</lane>

</laneSet>

<task completionQuantity="1" id="sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1" isForCompensation="false" name="examine claim" startQuantity="1">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffcc"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<incoming>sid-D40D74B8-7983-459A-85CF-ACF1648AA375</incoming>

<outgoing>sid-D42745DC-433A-4474-98BF-6E623F7E23D0</outgoing>

</task>

<startEvent id="sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30" isInterrupting="true" name="Receive claim">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

<signavio:signavioLabel bottom="false" left="false" ref="text\_name" right="false" top="true" valign="bottom" x="15.0" y="-8.0"/>

</extensionElements>

<outgoing>sid-D40D74B8-7983-459A-85CF-ACF1648AA375</outgoing>

<messageEventDefinition id="sid-5b6feddc-f159-4571-83b3-8347ba2d46ce"/>

</startEvent>

<endEvent id="sid-5560DDFB-5A5A-4333-92F6-6458C0D08E80" name="End">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<incoming>sid-D42745DC-433A-4474-98BF-6E623F7E23D0</incoming>

</endEvent>

<sequenceFlow id="sid-D40D74B8-7983-459A-85CF-ACF1648AA375" name="" sourceRef="sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30" targetRef="sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1">

<extensionElements>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</sequenceFlow>

<sequenceFlow id="sid-D42745DC-433A-4474-98BF-6E623F7E23D0" name="" sourceRef="sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1" targetRef="sid-5560DDFB-5A5A-4333-92F6-6458C0D08E80">

<extensionElements>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</sequenceFlow>

</process>

<process id="sid-CF94AAC3-9459-41E3-80F3-790BF94338E3" isClosed="false" isExecutable="false" name="Customer" processType="None">

<extensionElements/>

<laneSet id="sid-ac2acc14-0876-417c-a508-79c4641271bf">

<lane id="sid-617B53D5-F03C-40C5-B495-756222F1FEA5">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue=""/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<flowNodeRef>sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF</flowNodeRef>

<flowNodeRef>sid-18936AFD-782D-4829-A352-D9C21A39C4BF</flowNodeRef>

<flowNodeRef>sid-848EF46D-3F52-476E-94F7-0DB1D525B9C3</flowNodeRef>

</lane>

</laneSet>

<task completionQuantity="1" id="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF" isForCompensation="false" name="submit claim" startQuantity="1">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffcc"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<incoming>sid-71C2C411-8E94-4F14-AC64-B425A973AE39</incoming>

<outgoing>sid-6AE1D7F6-3C27-4EE8-86C6-3A73F7B64924</outgoing>

</task>

<startEvent id="sid-18936AFD-782D-4829-A352-D9C21A39C4BF" name="Start">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<outgoing>sid-71C2C411-8E94-4F14-AC64-B425A973AE39</outgoing>

</startEvent>

<endEvent id="sid-848EF46D-3F52-476E-94F7-0DB1D525B9C3" name="End">

<extensionElements>

<signavio:signavioMetaData metaKey="bgcolor" metaValue="#ffffff"/>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

<incoming>sid-6AE1D7F6-3C27-4EE8-86C6-3A73F7B64924</incoming>

</endEvent>

<sequenceFlow id="sid-6AE1D7F6-3C27-4EE8-86C6-3A73F7B64924" name="" sourceRef="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF" targetRef="sid-848EF46D-3F52-476E-94F7-0DB1D525B9C3">

<extensionElements>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</sequenceFlow>

<sequenceFlow id="sid-71C2C411-8E94-4F14-AC64-B425A973AE39" name="" sourceRef="sid-18936AFD-782D-4829-A352-D9C21A39C4BF" targetRef="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF">

<extensionElements>

<signavio:signavioMetaData metaKey="bordercolor" metaValue="#000000"/>

</extensionElements>

</sequenceFlow>

</process>

<bpmndi:BPMNDiagram id="sid-8314737a-b535-4cb7-af6b-9992f789450d">

<bpmndi:BPMNPlane bpmnElement="sid-4777cf43-884d-49c4-a325-9f435a12218a" id="sid-b5a3d800-4fc2-47fe-84a7-2a3dbcf6e02f">

<bpmndi:BPMNShape bpmnElement="sid-B2B6EA58-DF52-43EC-94FE-1B22C8FD1A46" id="sid-B2B6EA58-DF52-43EC-94FE-1B22C8FD1A46\_gui" isHorizontal="true">

<omgdc:Bounds height="159.0" width="600.0" x="120.0" y="100.0"/>

<bpmndi:BPMNLabel labelStyle="sid-3e81660d-4468-442e-b5d5-11e8d34c43b0">

<omgdc:Bounds height="73.28571319580078" width="12.0" x="125.0" y="142.8571434020996"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-322AF16D-FE70-4452-8C7F-724B98EE0AA1" id="sid-322AF16D-FE70-4452-8C7F-724B98EE0AA1\_gui" isHorizontal="true">

<omgdc:Bounds height="159.0" width="600.0" x="120.0" y="280.0"/>

<bpmndi:BPMNLabel labelStyle="sid-3e81660d-4468-442e-b5d5-11e8d34c43b0">

<omgdc:Bounds height="53.22857666015625" width="12.0" x="125.0" y="332.8857116699219"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-B1937EA3-55B5-4049-81FB-213FC0E7D6E4" id="sid-B1937EA3-55B5-4049-81FB-213FC0E7D6E4\_gui" isHorizontal="true">

<omgdc:Bounds height="159.0" width="570.0" x="150.0" y="100.0"/>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1" id="sid-AF85C918-41BD-4F90-B05E-C2D6A339E6B1\_gui">

<omgdc:Bounds height="80.0" width="100.0" x="370.0" y="140.0"/>

<bpmndi:BPMNLabel labelStyle="sid-3e81660d-4468-442e-b5d5-11e8d34c43b0">

<omgdc:Bounds height="12.0" width="74.82857513427734" x="382.5857124328613" y="172.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30" id="sid-9A6C4C69-5DAF-4729-8B16-F34B2435DB30\_gui">

<omgdc:Bounds height="30.0" width="30.0" x="285.0" y="165.0"/>

<bpmndi:BPMNLabel labelStyle="sid-4f9e567a-a61b-4c20-aeed-2bf0bb2316af">

<omgdc:Bounds height="11.0" width="64.3499984741211" x="267.82500076293945" y="146.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-5560DDFB-5A5A-4333-92F6-6458C0D08E80" id="sid-5560DDFB-5A5A-4333-92F6-6458C0D08E80\_gui">

<omgdc:Bounds height="28.0" width="28.0" x="580.0" y="166.0"/>

<bpmndi:BPMNLabel labelStyle="sid-4f9e567a-a61b-4c20-aeed-2bf0bb2316af">

<omgdc:Bounds height="11.0" width="19.092857360839844" x="584.4535713195801" y="196.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-617B53D5-F03C-40C5-B495-756222F1FEA5" id="sid-617B53D5-F03C-40C5-B495-756222F1FEA5\_gui" isHorizontal="true">

<omgdc:Bounds height="159.0" width="570.0" x="150.0" y="280.0"/>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF" id="sid-2DE8F1DC-846F-44AB-A7E8-68E2C84162CF\_gui">

<omgdc:Bounds height="80.0" width="100.0" x="250.0" y="320.0"/>

<bpmndi:BPMNLabel labelStyle="sid-3e81660d-4468-442e-b5d5-11e8d34c43b0">

<omgdc:Bounds height="12.0" width="67.11428833007812" x="266.44285583496094" y="352.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-18936AFD-782D-4829-A352-D9C21A39C4BF" id="sid-18936AFD-782D-4829-A352-D9C21A39C4BF\_gui">

<omgdc:Bounds height="30.0" width="30.0" x="190.0" y="345.0"/>

<bpmndi:BPMNLabel labelStyle="sid-4f9e567a-a61b-4c20-aeed-2bf0bb2316af">

<omgdc:Bounds height="11.0" width="25.45714569091797" x="192.27142715454102" y="377.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNShape bpmnElement="sid-848EF46D-3F52-476E-94F7-0DB1D525B9C3" id="sid-848EF46D-3F52-476E-94F7-0DB1D525B9C3\_gui">

<omgdc:Bounds height="28.0" width="28.0" x="580.0" y="346.0"/>

<bpmndi:BPMNLabel labelStyle="sid-4f9e567a-a61b-4c20-aeed-2bf0bb2316af">

<omgdc:Bounds height="11.0" width="19.092857360839844" x="584.4535713195801" y="376.0"/>

</bpmndi:BPMNLabel>

</bpmndi:BPMNShape>

<bpmndi:BPMNEdge bpmnElement="sid-BFE3C41A-3C4B-4F9C-AA3C-CA69D40023D3" id="sid-BFE3C41A-3C4B-4F9C-AA3C-CA69D40023D3\_gui">

<omgdi:waypoint x="300.0" y="320.0"/>

<omgdi:waypoint x="300.0" y="195.0"/>

</bpmndi:BPMNEdge>

<bpmndi:BPMNEdge bpmnElement="sid-D40D74B8-7983-459A-85CF-ACF1648AA375" id="sid-D40D74B8-7983-459A-85CF-ACF1648AA375\_gui">

<omgdi:waypoint x="315.0" y="180.0"/>

<omgdi:waypoint x="370.0" y="180.0"/>

</bpmndi:BPMNEdge>

<bpmndi:BPMNEdge bpmnElement="sid-D42745DC-433A-4474-98BF-6E623F7E23D0" id="sid-D42745DC-433A-4474-98BF-6E623F7E23D0\_gui">

<omgdi:waypoint x="470.0" y="180.0"/>

<omgdi:waypoint x="580.0" y="180.0"/>

</bpmndi:BPMNEdge>

<bpmndi:BPMNEdge bpmnElement="sid-6AE1D7F6-3C27-4EE8-86C6-3A73F7B64924" id="sid-6AE1D7F6-3C27-4EE8-86C6-3A73F7B64924\_gui">

<omgdi:waypoint x="350.0" y="360.0"/>

<omgdi:waypoint x="580.0" y="360.0"/>

</bpmndi:BPMNEdge>

<bpmndi:BPMNEdge bpmnElement="sid-71C2C411-8E94-4F14-AC64-B425A973AE39" id="sid-71C2C411-8E94-4F14-AC64-B425A973AE39\_gui">

<omgdi:waypoint x="220.0" y="360.0"/>

<omgdi:waypoint x="250.0" y="360.0"/>

</bpmndi:BPMNEdge>

</bpmndi:BPMNPlane>

<bpmndi:BPMNLabelStyle id="sid-4f9e567a-a61b-4c20-aeed-2bf0bb2316af">

<omgdc:Font isBold="false" isItalic="false" isStrikeThrough="false" isUnderline="false" name="Arial" size="11.0"/>

</bpmndi:BPMNLabelStyle>

<bpmndi:BPMNLabelStyle id="sid-3e81660d-4468-442e-b5d5-11e8d34c43b0">

<omgdc:Font isBold="false" isItalic="false" isStrikeThrough="false" isUnderline="false" name="Arial" size="12.0"/>

</bpmndi:BPMNLabelStyle>

</bpmndi:BPMNDiagram>

</definitions>

# INPUT TEXT to model

„[INSERT TEXT TO BE MODELED]“