**BPMN Designer Prompt**

**MODEL GENERATION Prompt (From problem described in natural language)**

**Context:** We have a tool to create BPMN 2.0 models, called “*BPMN designer*”. The tool is built upon Eclipse Ecore metamodels and utilizes Sirius features. The metamodel is designed to model BPMN flow objects (Events, activities, gateways), connecting objects (sequence flow, message flow, association), swim lanes (Pool, lane, dark pool), and artifacts (data object, group, annotation). These four categories enable creation of simple business process diagrams (BPDs). BPDs also permit making new types of flow object or artifact, to make the diagram more understandable.

**Input Demonstration:** This is the “BPMN designer” metamodel:

<BPMN\_Designer\_Metamodel>

This is an example called the “Example 1”. This is the “Example 1” problem description:

<Example\_1\_Problem\_Description>

**Output Demonstration:** This is the “Example 1” model based on “BPMN-Designer” metamodel:

<BPMN\_Designer\_Example\_1\_Model>

**Input Demonstration:** This is another example called the “Example 2”. This is the “Example 2” problem description:

<Example\_2\_Problem\_Description>

**Output Demonstration:** This is the “Example 2” model based on “BPMN-Designer” metamodel:

<BPMN\_Designer\_Example\_2\_Model>

**Task:** Now you are a business process expert, you must use “BPMN Designer” tool.

<Problem\_Description>

Generate the BPMN model compliant with the given “BPMN Designer” metamodel