

WHAT IS BPMN (document is incomplete)

Business process model and notation

Standard way to define the steps and procedure used in business

It uses specific symbols and diagrams to make the process clear and easy to follow

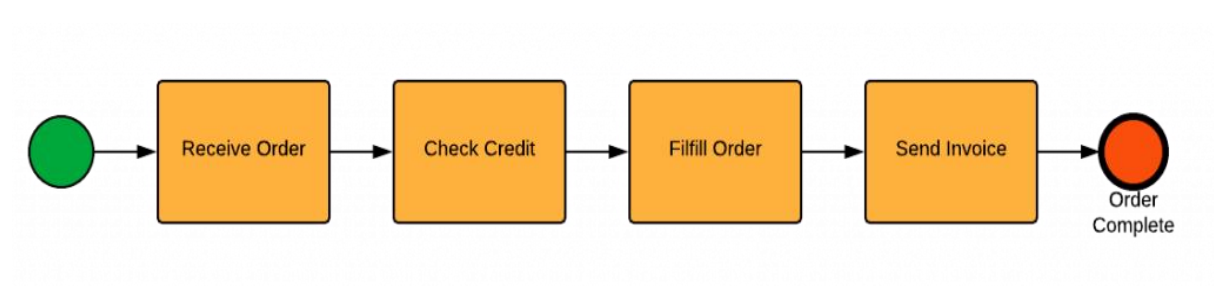
Why to use bpmn

Clarity : it provide a clear and consistent way to describe business process

Communication : helps different people (like managers and team members to understand and discuss processes)

Improvement : identifies inefficiencies and areas where process can be improve

Documentation : acts as a reference for training and process documentation



This is an easy example of how bpmn can be made

This is not a bpmn diagram in full fledge the bpmn diagram showcases the business process model , shows all the activity from start to end and

What can be included in a bpmn diagram

Gateways : decide the path and process based on the condition and choices

For example there can be two answer one if the customer has approved the payment then what will happens



And other if not then what will happens

In order to define both the scenarios we can define bpmn gateways

There are different types of gateways available they are

EXCLUSIVE XOR

Purpose : used to make decision where one of the possible path is chosen , this gateway allows for single path to be taken based on condition

For example there is a an application where we need to define whether to approve the loan or not

Then what we can do is define exclusive xor

Hence only one option will be selected out of the others

PARALLEL GATEWAYS (and)

There can be several task that needed to be completed In order to define the several task what we can do is we can make use of parallel gateways

This task are needed to be completed simultanously

For example : arrange a birthday party hence

Send invitation

Order cake

Decorate

All three task are important and needed to be completed on time hence we can make use of parallel gateways

INCLUSIVE GATEWAYS : any combination of task can occur then we make use of inclusive gateways

EVENT BASED GATEWAYS : depends on the after condition that will happen

For example if the customer responds then we can send process order or if not then we can send reminder

COMPLEX GATEWAYS :

CONNECTING OBJECTS : show different elements of the process

Such as sequence flows

Message flows

Association

SWIMLANE : helps organize on who is responsible for which work

It has pools and lane in order to categorise

Artifacts : additional information that helps provide more details such as data objects , groups and annotation