

**E-LEARNING BIZAGI COURSE
PROCESS MODELING**

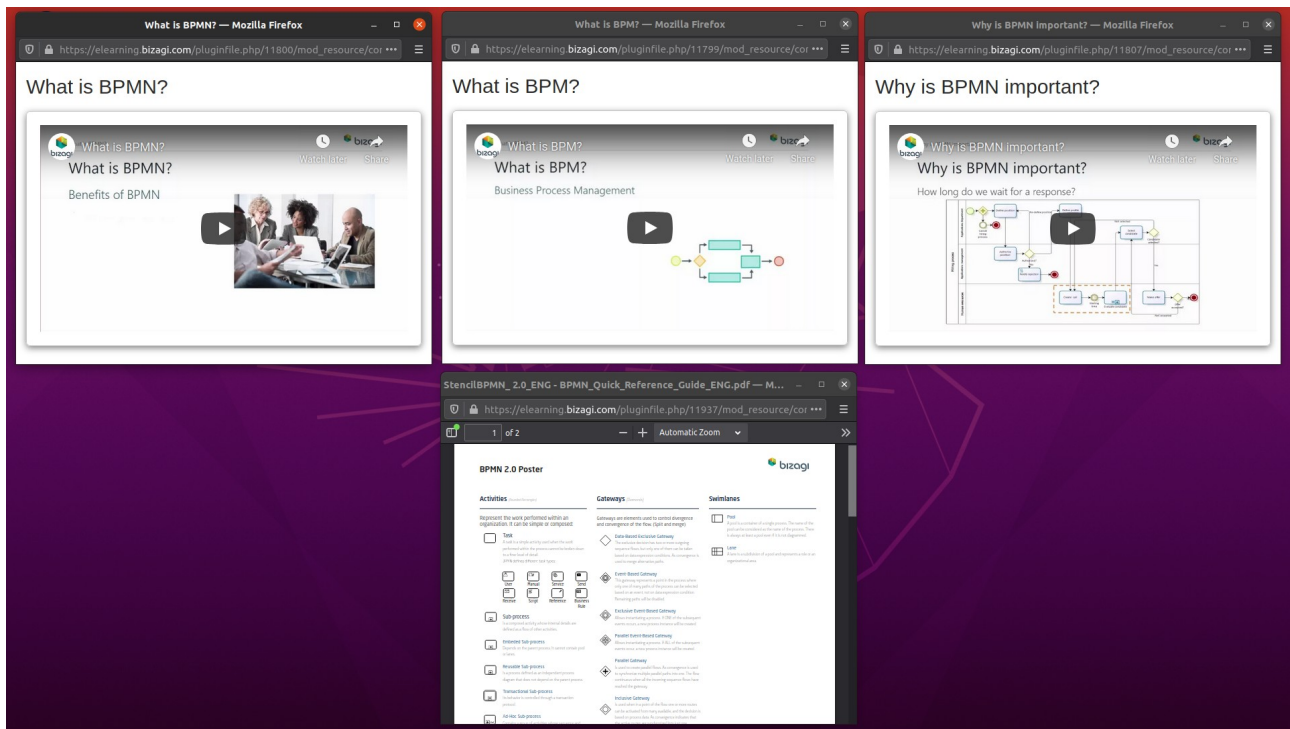


Adam Arthur Faizal

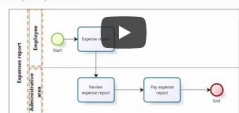



M3119001

TIA

**PROGRAM STUDI TEKNIK INFORMATIKA
SEKOLAH VOKASI
UNIVERSITAS SEBELAS MARET
SURAKARTA
2020**



Basic Concepts

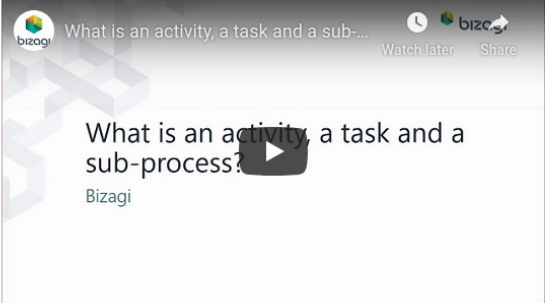
<p>What is a process? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/11811/mod_resource/cont...</p> <p>What is a process?</p> <p>Examples</p> <p>Processes</p> <p>Claims and complaints</p> <p>Accounts payable</p> <p>Recruitment and selection</p>	<p>What is a pool and a lane? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/11809/mod_resource/cont...</p> <p>What is a pool and a lane?</p> <p>Example</p> <p>Expenses report process</p> 	<p>What is an activity? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/440450/mod_resource/cont...</p> <p>What is an activity?</p> <p>Basic elements</p> <p>Activities</p> <ul style="list-style-type: none"> Are represented by rounded rectangles Signify a task performed in an organization Do not represent a state, function or event When an activity is completed, the next activity starts Should be labeled with verbs
<p>What is a sequence and message flow? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/11812/mod_resource/cont...</p> <p>What is a sequence and message flow?</p> <p>Basic elements</p> <p>Sequence flows</p> 	<p>What is a gateway? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/11813/mod_resource/cont...</p> <p>What is a gateway?</p> <p>Basic elements of a BPD</p> <p>Gateways</p> <p>Divergence</p> <p>Convergence</p> 	<p>What is an event? — Mozilla Firefox</p> <p>https://elearning.bizagi.com/pluginfile.php/11814/mod_resource/cont...</p> <p>What is an event?</p> <p>Example</p> <p>Reimbursement process</p> 

Activity

What is an activity, a task and a sub-process? — Mozilla Firefox

https://elearning.bizagi.com/pluginfile.php/11815/mod_resource/cor...

What is an activity, a task and a sub-process?



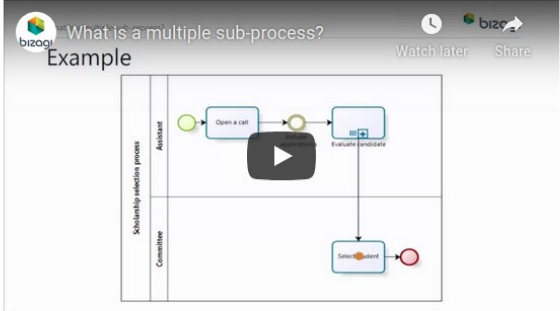
What is an activity, a task and a sub-process?
Bizagi

What is a multiple subprocess? — Mozilla Firefox

https://elearning.bizagi.com/pluginfile.php/11816/mod_resource/cor...

What is a multiple subprocess?

Example



```

graph LR
    Start(( )) --> Open[Open a call]
    Open --> Eval[Evaluate candidate]
    Eval --> Select[Select student]
    Select --> End(( ))
  
```

Gateways


What is a parallel gateway? — Mozilla Firefox

https://elearning.bizagi.com/pluginfile.php/11817/mod_resource/cont...

What is a parallel gateway?

Example

Sales order process




What is a data-based exclusive gateway? — Mozilla Firefox

https://elearning.bizagi.com/pluginfile.php/11818/mod_resource/cont...

What is a data-based exclusive gateway?

Example

Material request process




What is an event based exclusive gateway? — Mozilla Firefox

https://elearning.bizagi.com/pluginfile.php/11819/mod_resource/cont...

What is an event based exclusive gateway?

Exercise

Credit request process



What is an inclusive gateway? — Mozilla Firefox

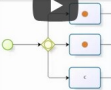
https://elearning.bizagi.com/pluginfile.php/11820/mod_resource/cont...

What is an inclusive gateway?

Inclusive gateway

Divergence element

Used when a point in a process enables one or more available paths (data based):



What is a complex gateway? — Mozilla Firefox


https://elearning.bizagi.com/pluginfile.php/11821/mod_resource/cont...

What is a complex gateway?

Complex Gateway

As an element of convergence

Is used to continue to the next point in the process when a business condition is met



Select the correct gateway — Mozilla Firefox

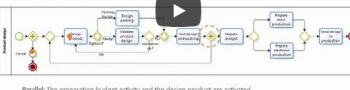
https://elearning.bizagi.com/pluginfile.php/11822/mod_resource/cont...

Select the correct gateway

Example

Design product

Which type of gateway should be used for this activity?



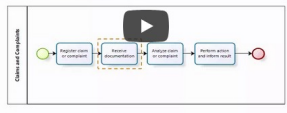
Parallel: The preparation budget activity and the design product are activated

Events

What is an intermediate event?

Example

Claims and complaints process




What is a timer event?

Example

Claims and complaints process

If the documentation is not provided by the client within a certain period, the claim will be filed.




What is a timer boundary event?

Example

Claims and complaints process

the activity's boundary




What is an end event?

End events

Non end and terminate end events

- Non end event
 - Indicates the end of a flow
 - Collects the tokens that reach it
- Terminate end event



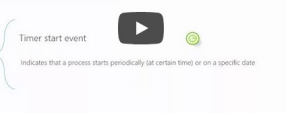
What is a timer start event?

Example

Product committee process


Timer start event

Indicates that a process starts periodically (at certain time) or on a specific date



What is an error event?

Error intermediate event and end event




What is a message event?

Intermediate events

Message intermediate events - Throwing

Throws a message and continues with the process flow

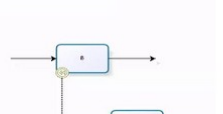


What is a transaction?

Transactions

Compensations

Compensation intermediate event




What is signal event?

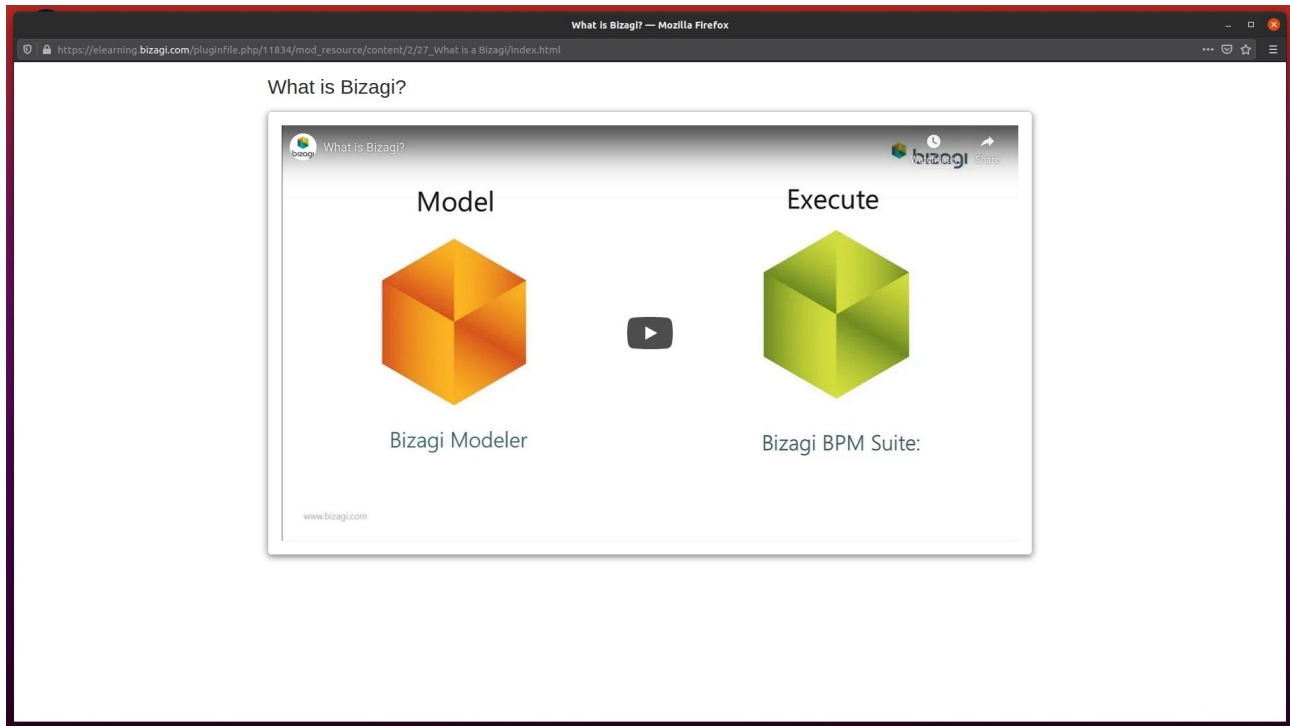
Signal events

Signal intermediate event - Throwing

- Launches a signal and continues the process flow
- The signal can be heard by many processes (those which are prepared to listen)



Automation





Award of completion
Self-paced course

This certifies that
Adam Arthur Faizal

has successfully completed the following course
Process Modeling



Date of issue : 2020-11-30

Authorised Signature