<u>Assignment</u>

1. What is BPMN 2.0 ?

Business
Process   ) BPMN   stand for
Model
Notation

- BPMN is widely used by both business owners and technical users to design and implement business processes.
- BPMN 2.0 a 500+ Page ISO standardized specification. Can be be comfusing to those unfamiliar with business process management.

2. Explain events, Activities, Gateways, Connecting object and artifacts

- Events are signals that something happens. This includes the start and end of a process as well as any interaction with the process enviroment.

- Activities : How do we achieve our goals ? By taking action. Activities are the elements of BPMN that represent actions.

- Gateways : allow to control as well as merge and split the process flow.

- Artifacts : Can be used to include additional information about a process. There are two types of BPMN artifacts : Group and Text annotation. you can use them to organize tasks and sub-processes or to add comments/notes in describing process element.

- Connecting objects are lines that connect BPMN flow objects.

There are three different types :

→ • Sequence flow symbol : Connects flow objects in proper sequential order.

◦--→ • Message flow symbol : Represents messages from one process participant to another.

•••••• • Association symbol : shows relationships between artifacts and flow object.

3. Explain swim lane diagram

- A swimlane diagram is a type of flowchart that delineates who does what in a process.
- Using the metaphor of lanes in a pool, a swimlane diagram provides clarity and accountability by placing process steps within the horizontal or vertical "Swimlanes" of a particular employee, work group or department.

4. what are the types of artifacts?

The artifacts has three main types:
- Data objects: can represent data placed to the process, data resulting from the process, data that needs to be collected or data that needs to be stored.

- Annotations: allow you to describe the business process and flow objects in more detail. Add annotation to make you BPMN more readable and further increase understanding of your process.

- Groups : organize tasks or processes that have significance in the overall process. Use groups to better arrange your BPMN diagram and increase its usefulness to your organization.

5. What is the use of annotations ?

Annotations allow you to describe the business process and flow objects in more detail. Add annotations to make your BPMN more readable and further increase understanding of your process.

6. Define a business or project and draw BPMN diagram with the help of swimlane diagram to explain the flow.

My business talk about student registration

student

Submit the registration form

school

administration

form complete?

yes

Notify on the rejection

registerar

approve registration

entry requirement met?

NO

yes

factory advisor

review submission

submission accept?

NO

yes

Send acceptance letter