



BCO5501 Business Process Engineering

Assignment 1B: BPMN & SAP Workflow Design

Available Marks: 35 (Group of 3)

Due Date: Week 8

The EPC and Workflow diagrams from Assignment 1A should provide guidance for completing this assignment.

Part 1 (15%) BPMN

Develop a model for the processes outlined in the Case Study using BPMN 2.0. Students must use Signavio to produce the model. A (readable) print of the design in pdf format must be submitted.

Part 2 (20%) Workflow Design

Develop an SAP workflow design for the processes outlines in the Case Study using the SAP workflow framework. The parts of the design should be in the form suggested in the box.

- (1) An Organisational Plan for the process outlined in the Case Study showing Organisational Units, Jobs and Positions required for the workflow. This plan should be presented as a hierarchy similar to the example completed in the lecture.

- (2) List and describe the activities using the table structure shown. (You will have to add rows to the table).

Table 1 for step 2.

Activity Name	Description

- (3) Define the assignments of activities to the Organisational Units in your organisational plan. Give a reason for your choice of assignment type and time. (Use the table structure shown below to record this information. You will have to add rows to the table. Refer to the example developed in lecture 8 to understand what is required here).

Table 2 for step 3.

Activity Name	Assigned to (Name of Job, position, user, ...)	Type (Job, Position, User, ...)	When Assigned (run time or define time)	Reason for selection of Type and When Assigned

- (4) Draw, using the SAP workflow symbols, a SAP workflow diagram to describe the process logic (in the form of a Word document using the SAP icons provided on VU Collaborate).

Note: ***You do not have to implement your workflow in SAP for this assignment!***

Submission of assignments

Assignments must be submitted within a single zip file via VU Collaborate for marking. This zip file must contain the following files in the specified format.

1. **All models** for parts 1 and 2 **must** be submitted in a single file in **pdf format**. The file name must be Assign1B.pdf You must give read access in Signavio for the model in Part 1 above to your tutor. Details of anything your tutor needs to know in order to access this must be included in the document in a separate page.
2. A completed, signed and scanned copy of the assessment declaration in jpg, png or pdf format.

Submit the assignment via the link provided in the BCO5501 VU Collaborate space. Only one submission per group.

ASSESSMENT DECLARATION

This form must be completed, signed, dated and attached to each assessment task that you submit for marking.

COLLEGE OF BUSINESS

1. ADMINISTRATIVE DETAILS (TO BE COMPLETED BY STUDENTS)

STUDENT NAME:	STUDENT ID NUMBER:
STUDENT NAME:	STUDENT ID NUMBER:
STUDENT NAME:	STUDENT ID NUMBER:
DATE DUE:	DATE SUBMITTED:
LECTURER'S NAME:	
TEACHER/TUTORS NAME:	TUTORIAL/CLASS TIME:

Student Name	Student No	Participation	Signature
		%	
		%	
		%	
	Total	= 100%	

2. ASSESSMENT CRITERIA (TO BE COMPLETED BY LECTURER)

BPMN		Earned
Good Layout & Symbols with correct meaning	2	
Correct set of pools	2	
Tasks & Sequence	4	
Events & Messages	3	
Gateways & Logical flow	4	
Organisational Plan		
Organisational Units, Jobs & Positions, Hierarchy	4	
Activities and description	2	
Assignments of Activities to Jobs/Positions	3	
SAP Workflow diagram		
Symbols & connections used correctly	1	
Labelling of diagram objects and layout	1	
Matches Case Study	3	
Logical Flow	3	
Tasks match Organisational Plan	3	
Total	35	

Individual totals and feedback on meeting related Graduate Capabilities (GC):

Student Name	Student No	Individual Total	GC 1	GC 2