Initial Study Participant Assessment

Background Information

Let us start with illuminating some of your background.

Please enter the participant ID which you received during the study enrollment.	

Which program(s) did/do you attend? (Tick all that apply.)		Bachelor Student "IT Systems Engineering"
		Master Student "IT Systems Engineering"
		Master Student "Cybersecurity"
		Master Student "Digital Health"
		Master Student "Data Engineering"
		Master Student "Software Systems Engineering"
		PhD Student
		Other:

Which of the following courses did you attend? (Tick all that apply.)		Modellierung I
		Modellierungssprachen & Formalismen
		POIS
		POIS in der Praxis
		Complex Event Processing
		Business Process Intelligence
		Pearls in Business Process Management
		Advances in BPM Research
		Business Process Compliance
		Trends in BPM Research
		None of them

For how many organizations did you already work?	

Please self-evaluate your skill level in modelling business processes with the fCM approach.	Novice	0	1	2	3	4	5	Expert

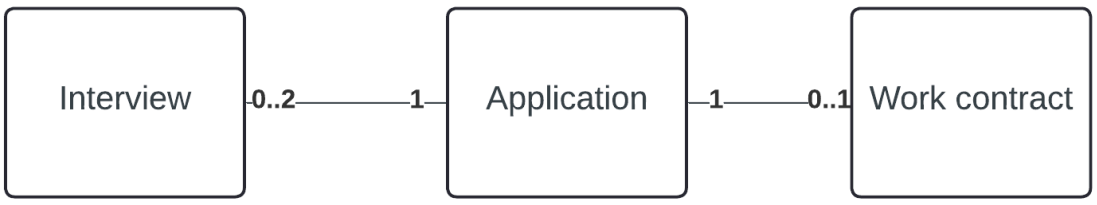
fCM Skill Level Test

Now, I pose some questions to assess how well you understand the mechanics of fCM. Therefore, we consider a sample process for recruiting an employee. The process starts with the receipt of an application and ends either with rejecting the application or employing the candidate. Thereby, the application completeness check as well as the conduction of interviews represent tools for taking an informed decision.
The following fCM model expresses the recruiting process.

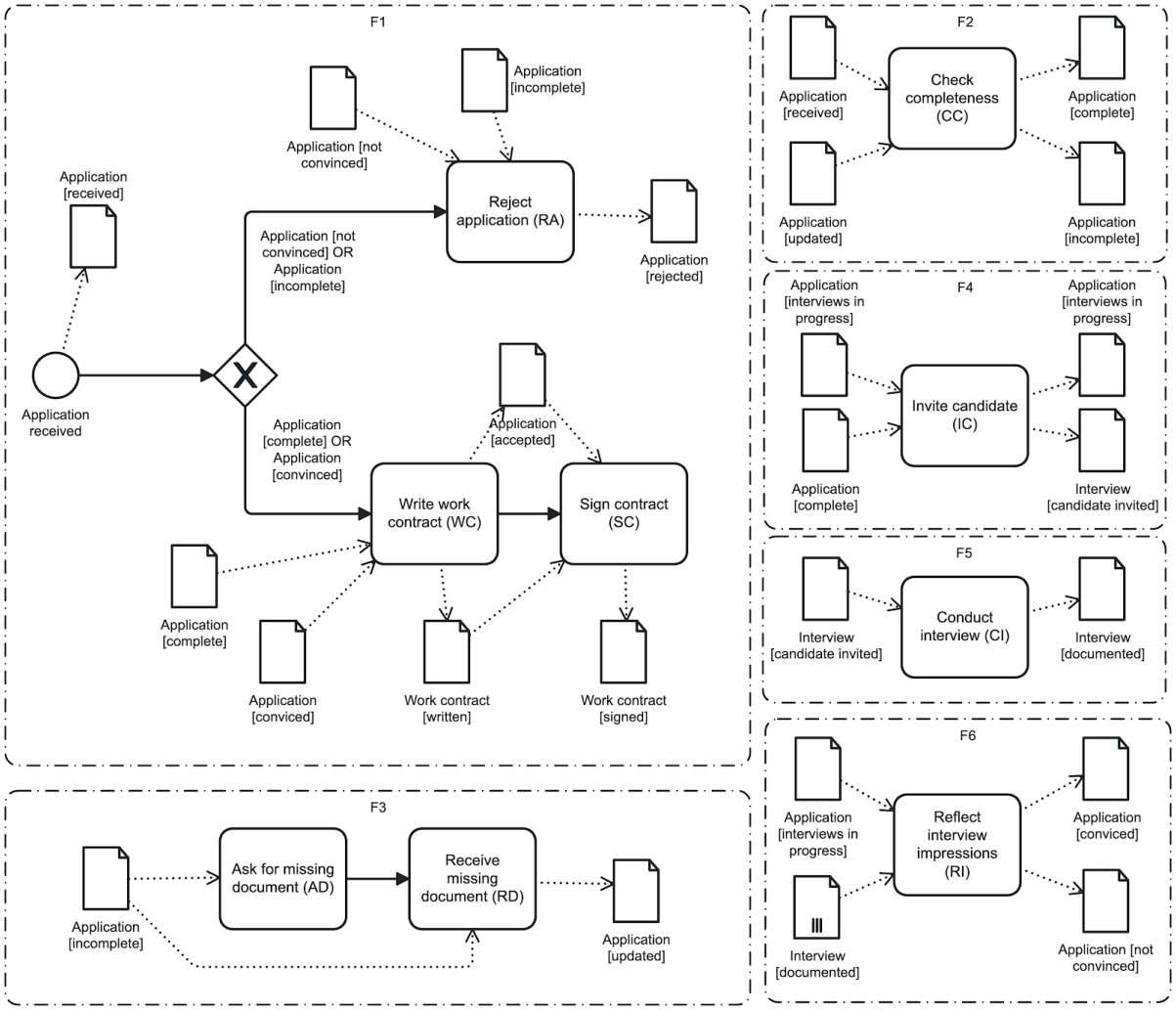
Termination Condition of the Recruiting Process

Application [rejected] OR (Application [accepted] AND Work contract [signed])

Domain Model of the Recruiting Process

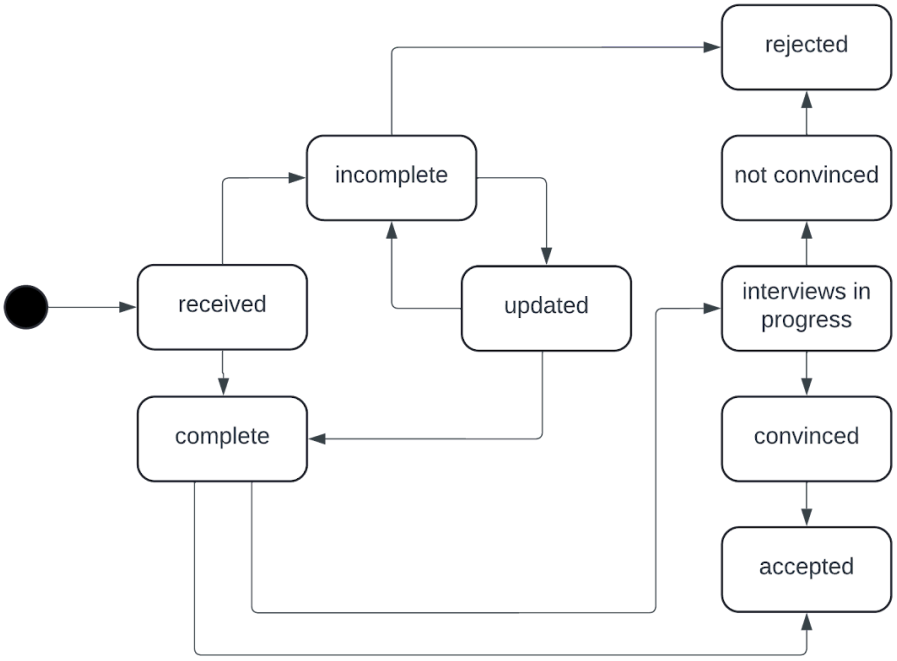


Process Fragments of the Recruiting Process



Object Lifecycle Diagrams of the Recruiting Process

Application



Work Contract

Interview

Mark the correct answer!

Q1	The process participants can execute the activity "CC" at most once.	Correct	False
Q2	The employment of a candidate requires at least one interview.		
Q3	An incomplete application can directly lead to the rejection of an application.		

Q4	As soon as a candidate is invited to an interview, the process participants cannot check her application for completeness anymore.		
Q5	The process model can produce the activity sequence <CC, AD, RD, IC, CI, RI, RA>.		
Q6	Each application must be checked for completeness.		
Q7	If the process participants decide for a candidate, the candidate must sign the contract that the process can terminate.		
Q8	For each conducted interview, a separate instance of the data object "Interview" exists.		
Q9	The activities "CI" and "IC" can be executed concurrently.		
Q10	The process model allows the handling of two applications from two different candidates within a single process instance.		
Q11	The activity "IC" can be executed at most twice.		
Q12	The process model allows the activity sequence <CC, IC, IC', CI', CI, RI, WC, SC> and the termination condition is fulfilled afterward.		
Q13	The process model allows the activity sequence <CC, IC, IC', CI', IC'', CI'', CI, RI, WC, SC> and the termination condition is fulfilled afterward.		

		0	1	2	3	4	>4
Q14	How often can the activity "RI" executed at most?						
Q15	How many contracts can be written for a candidate?						

How much do you agree to the following statements? (Mark one answer per row.)

	Disagree	Weak Disagree	Weak Agree	Agree
It was hard to understand the content of the recruiting process.				
It was hard to understand the fCM model.				

Thank you for your participation in this fCM skill level assessment. I hope, you had some fun, and I am looking forward to seeing you at the upcoming modelling session!