

# Example: Decision-aware Process

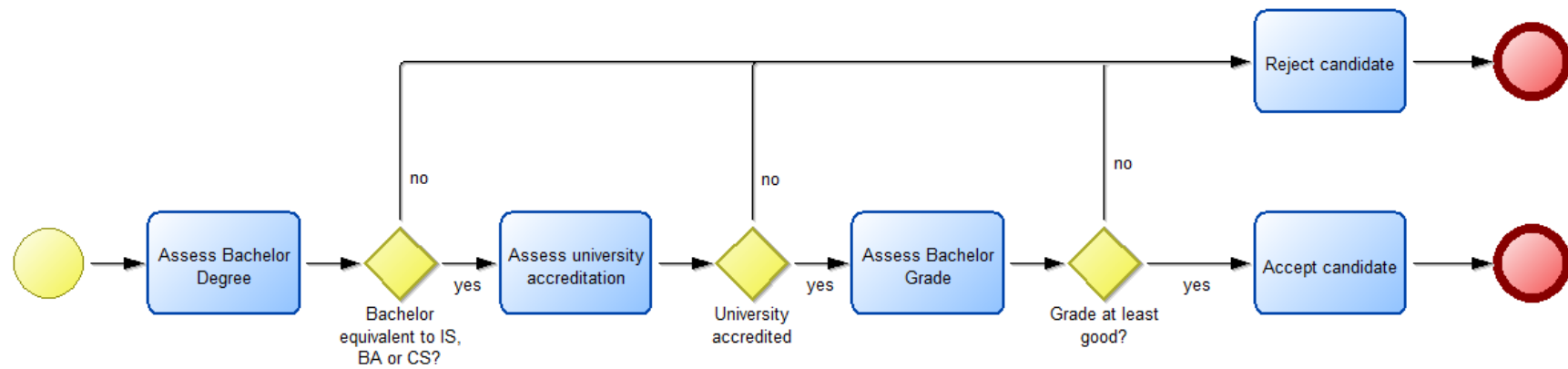
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# Exercise: Decisions in Processes (1)

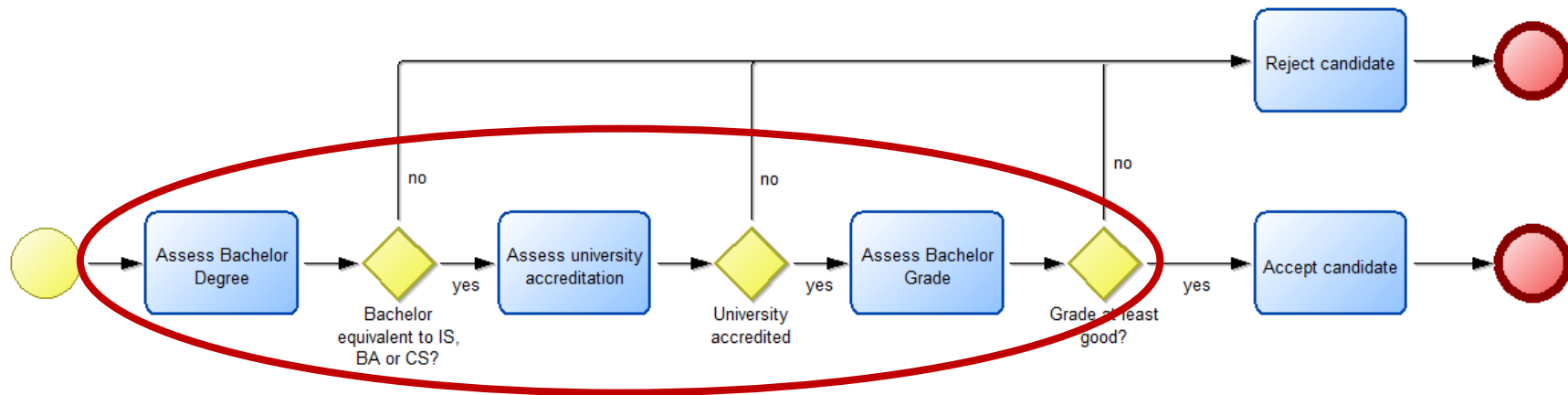
## Process Logic vs Business Logic



- How many decisions are made in this process?
- Which business logic can you identify?
- What would you improve?

## Exercise: Decisions in Processes (2)

### Process Logic vs Business Logic

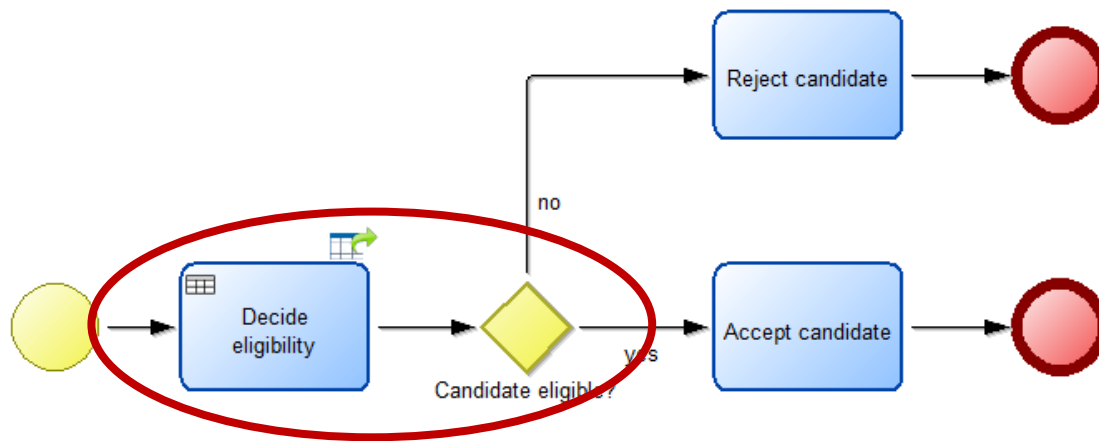


- This process only contains **one** decision:
  - ◆ Accept or reject application
- The decision is distributed over three activities which are executed sequentially
  - ◆ The order of the checks, however is not compulsory. There is an unnecessary sequentialisation.
- The criteria for the decision are written on the gateways. This is business logic and not process logic. It should be hidden.
  - ◆ Change in the criteria should not affect the process model.

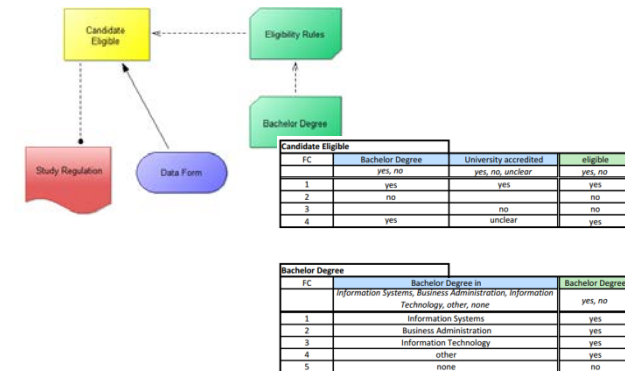
# Exercise: Decisions in Processes (3)

## Process Logic vs Business Logic

Process logic:



Business logic:



- This model is more appropriate
  - ◆ Process is simplified
  - ◆ Decision logic is modeled separately
  - ◆ Change of business (decision) logic does not affect process model