Proiectarea sistemelor software complexe

Tema 3

*Homework: define workflow from question context*

*A user posts a new question, the question is validated and the text is analyzed via an ML, the result of the ML can either accept the question, reject it or propose it for manual review. The workflow finishes with New Question Published.*

*Modelati workflow-ul de postare a unei intrebari pe o platforma de tipul StackOverflow.*

* **Bounded context**: "Question Context"
  + **Workflow**: "Post a new question"
    - **Triggered by**: "Post a new question request received"
    - **Input**: "Question form" (title, body, tags)
    - **Other inputs** (Dependencies)
    - **Output**: "New Question Published" event
    - **Side effects**: Notification, Manual review

Documentation:

* **Workflow**: "Post a new question"
  + Input: "Question form"
  + Output: "New Question Published" event or Rejected question form

//step1

Do **validate** **question information form**

If form is invalid then

stop

//step2

Send notification to confirm the posting of the question

//step3

return "Question succesfully posted" event

* Substep ”Validate question information form”
  + Input: "Unvalidated question form"
  + Output: "Validated question form"
  + Dependencies: Text validator (ML)
* Validate Title
* Validate Body
* Validate Tags
* If all validations are passed then
  + Return validated question form
* Else if some validations are passed then
  + Return manual review
* Else return Validation error (validation fail)