Workflow: “Question Context”

Triggered by: “Ask Question”

Input: Question form ( question title, question body, question title, images)

Other inputs(dependencies)

Output: “New Question Published” event

Side Effects:

* Syntax validation
* Question added to the user profile
* User received notifications about question
* Received Feedback

Workflow documentation:

* Workflow: “Ask Question”
* Input: “Ask Question Form”
* Output: “New Question Published” event or Invalid question syntax form

//step1

Do validate question form

If question details are invalid then

stop

//step2

If Question Details are valid then

Create Question and Post it on User Profile Page

//step3

Show Question on User Profile Page ( section “Question”)

Do Wait for ML validation results

If ML results proposed new updates then

Edit Question

else if ML results rejected the question then

return “Question Closed” event

//step4

If ML results accepted the question then

return ”New Question Published” event

* Substep “Validate question form”
* input: “Unvalidated question form( title, body or tags syntax rules)”
* output: “Validated question form”
* dependencies: Title syntax validator, Body validator, Tags validator
* validate the Title syntax ( should match the syntax rules)
* validate the question body
* validate the tags
* check that the Question does not already exist
* If all validations passed then
* return validated question form
* Else return Validation error
* Substep “Wait ML validation results”
  + input: “Unvalidated question details”
  + output: “Validated question or Rejected Question”
  + dependencies: Subject title validation, Question details validation
* Validate the Subject title
* Validate the question details about unknown variables
* Check that the Question does not already exists
* Receive Feedback from ML
* If all validation passed then
  + - Return ”New Question Published”

Else if feedback received then

* Edited or deleted Question
* Return “Question new state”

Else if “Question Rejected”

Then Deleted Question