CO.LAB

A DIGITAL LAB FOR THE CO-DESIGN, CO-DEVELOPMENT AND CO-EVALUATION OF DIGITAL LEARNING GAMES

Digital Platform Modelisation

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Publications Date

- v0.3 August 2021 (splitted class diagrams, CRUD Conditions)
- V0.2 March 2021 (modified class diagram)
- V0.1 : December 2020 (change tracking, data collection and storage process, class diagram)

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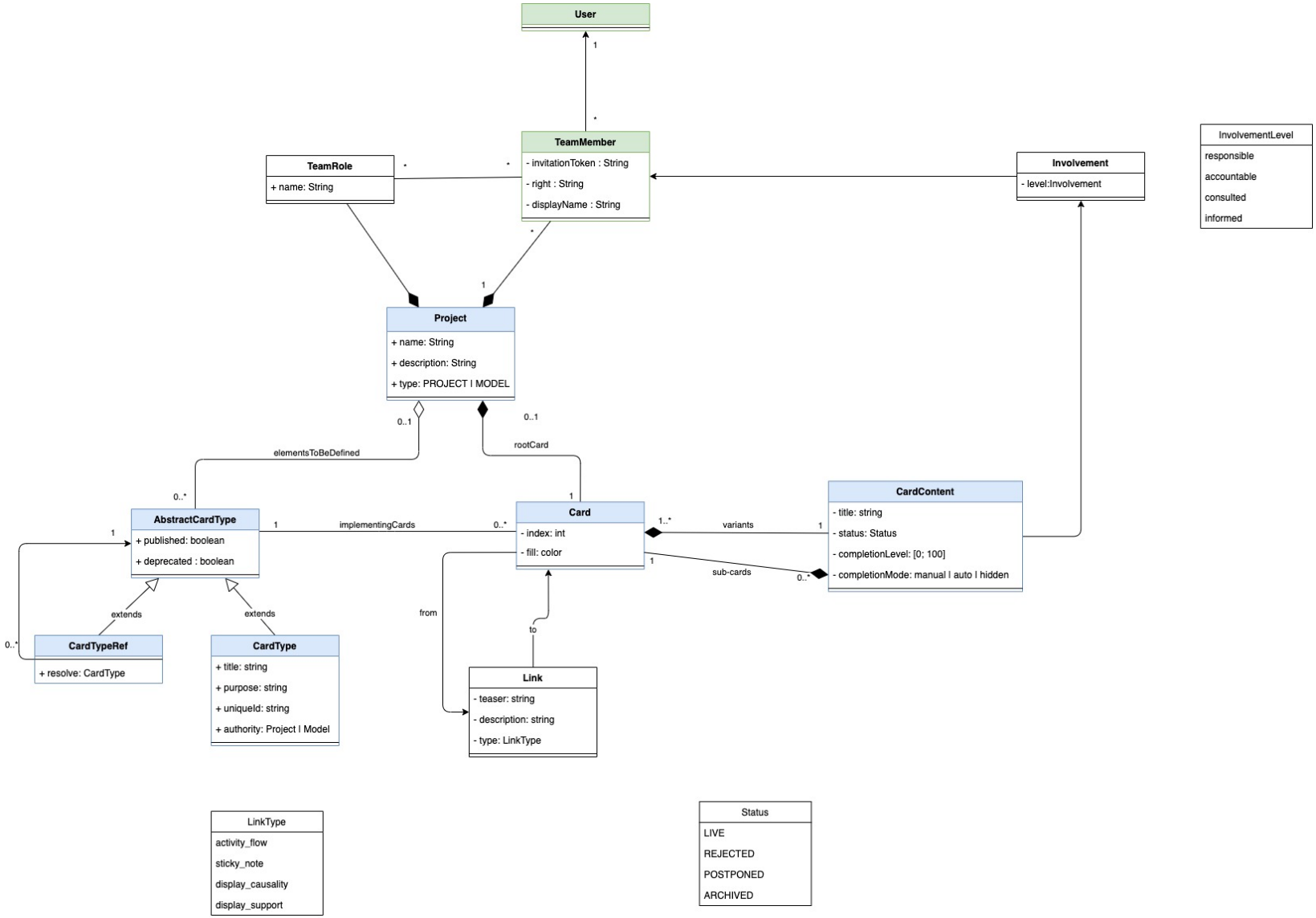
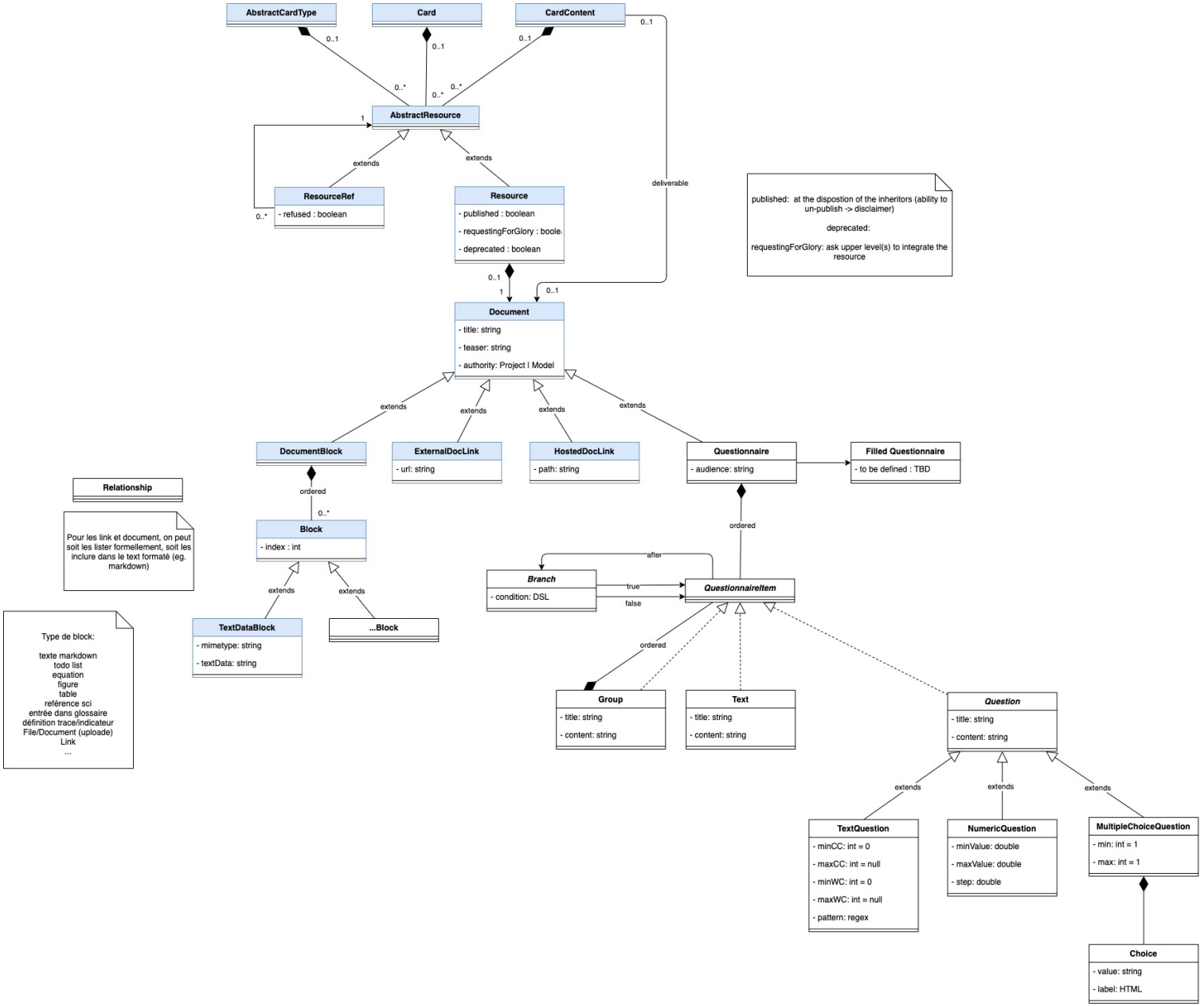
HEIG VD

ALBASIM

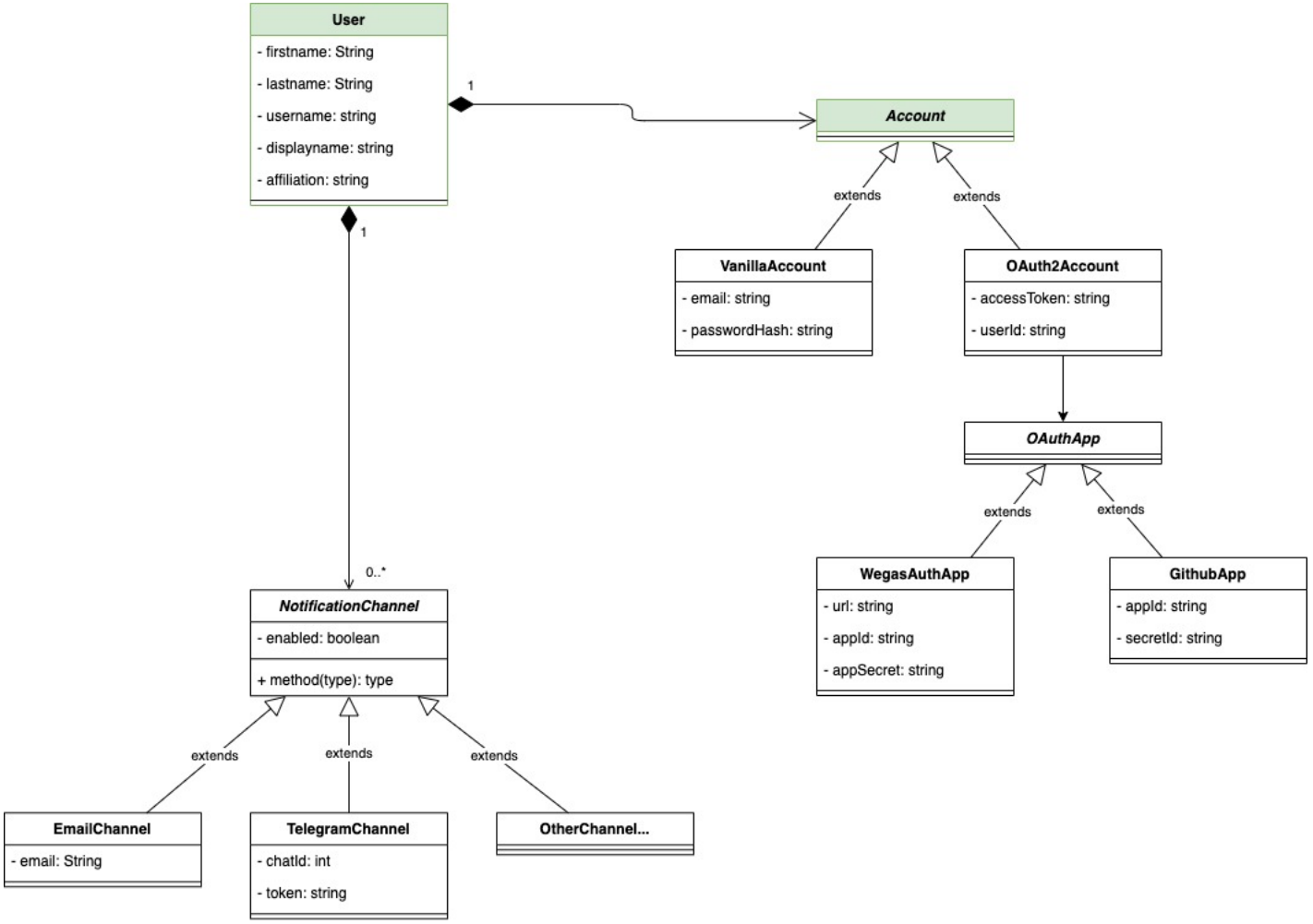
Core Cards Structure



Collaborative Workspace and Content Management



Users Management



CRUD Conditions (I)

CRUD Conditions (II)

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hierarchical position
of a team member
in a project

can be

- OWNER : owners has full read/write access to the whole project, bypassing any access control
- LEADER : like Intern but can manage team and roles
- INTERN : interns have default read/write access to everything but team/roles management
- EXTERN : externs do not have access to anything unless explicit authorization

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involvement level

can be

- RESPONSIBLE : Responsible do the work (read/write access)
- ACCOUNTABLE : The one who validate the work (read/write access)
- CONSULTED_READWRITE : Consulted with read/write access
- CONSULTED_READONLY : Consulted with read-only access
- INFORMED_READWRITE : Informed with read/write access. It's the default mode.
- INFORMED_READONLY : Informed with read-only access
- OUT_OF_THE_LOOP : Access denied

can be defined

- for an access control :
  - card x team member
  - card x role
- in a card

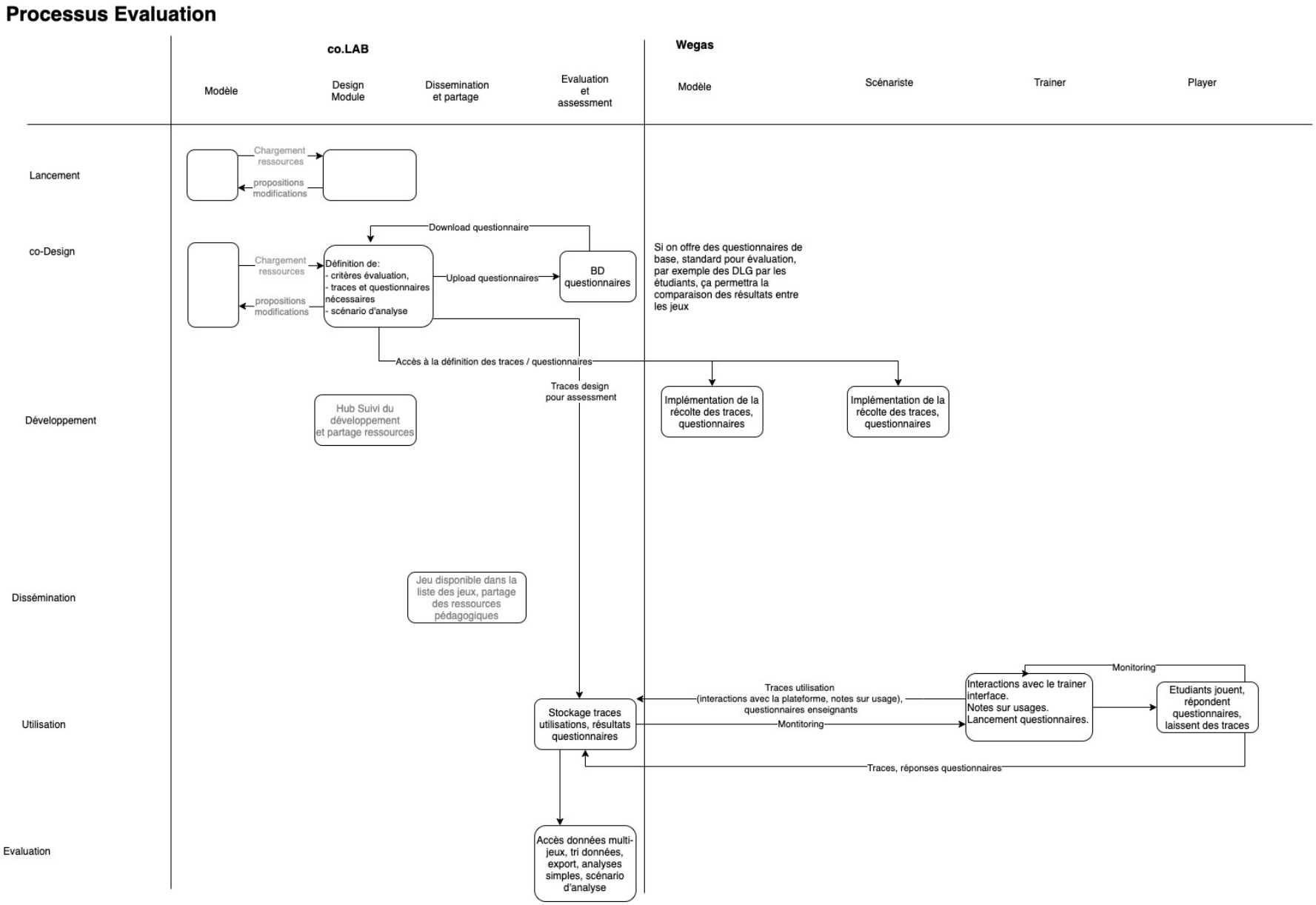
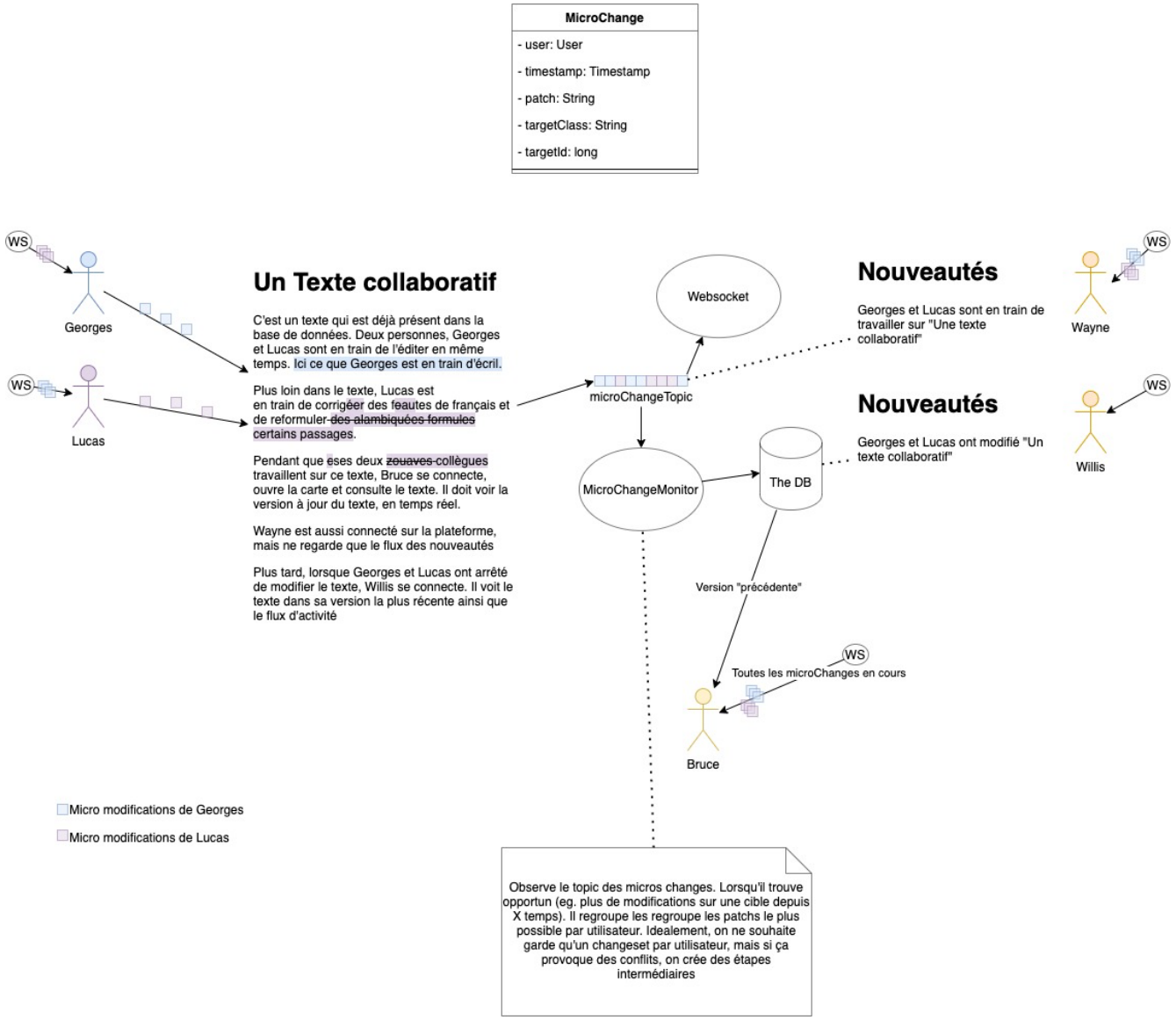
is defined

- for each hierarchical position

for a card and a team member, the involvement level is defined by
(take the first that is filled)

- the involvement level of the ACL for the team member on the card
- the involvement level of the most powerful ACL for the team member's roles on the card (eventual trick inside for CONSULTED_READWRITE)
- the card default involvement level
- the parent card's involvement level
- the member 's hierarchical position's involvement level

Data collection and storage process



Changes Tracking Management System