

A4: Conceptual Data Model

The Conceptual Domain Model contains the identification and description of the entities of the domain and the relationships between them in an UML class diagram.

The diagram of Figure 1 presents the main organisational entities, the relationships between them, attributes and their domains, and the multiplicity of relationships for Projekt.

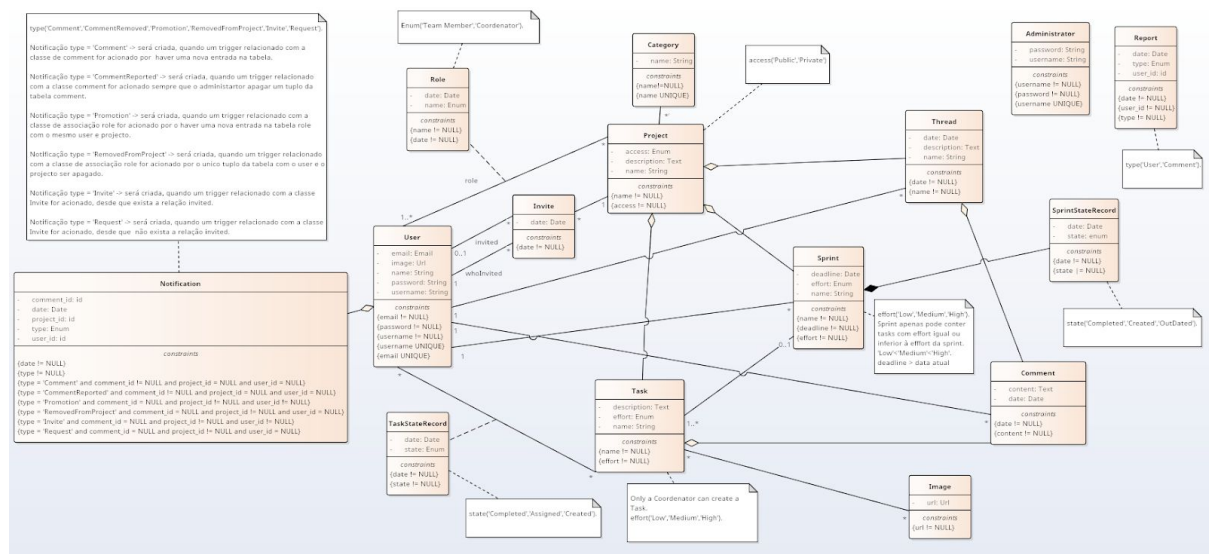


Figure 1:UML conceptual data model

Business Rules (not expressed in the UML):

- The administrator has to have, at least, one instance.
- A banned user can't log in, even if it's information continues in the database.
- A user's username has to be different than a administrator's username.
- The new dates created can't be past dates.

Revision History

Changes made to the first submission:

1. Addition of SprintStateRecord
2. Removal of the notification subclasses and addition of an ENUM to specify the type of notification
3. Correction of the Invite class and its aggregations (?)
4. Addition of the business rules
5. Addition of constraints in several classes

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