



UserRole

UserId

Roleld

Role

Roleld

Name

PK

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- 1. A category has many articles. An article belongs to a single category.
- 2. An user creates and modifies any number of articles.
- 3. An article can be displayed as an instance chosen from its own list of versions.
- 4. An instance of the article (i.e. **Version**) contains more chapters and a collection of images (which are to be displayed at the article's ending section as a carousel maybe).
- 5. A new version of an article is created when 1 chapter is changed / added / removed
- 6. A new version of an article is created when 1 image is added / removed.

Obs: In case of rule 5. the Version's field "changedImageId" will be null. The same applies for "changedChapterId" for rule 7.

- 7. Creating a new article implies the Version's fields "changedChapterId" and "changedImageId" being null for the first version.
- 8. Each time an user edits an article, he will be asked to type a short description for the change he made within that Version.