

Evaluation

How is the current database limited and what can be done about it?

The current implementation of the database employs entity tables to illustrate and enforce correct entity relationship. While this, strictly speaking, is necessary in database containing only 1 to many relationships like this one it allows for further expansion in terms of more advanced news sharing. For instance consider a news article with collaborators: Now every news article needs to have more than one author. This is easier to modify with relationship tables already in place. A downside to this is the increased complexity of writing queries for a database that is seemingly intended to be simple and easy to use. What this means in terms of scalability is essentially that the database can be expanded upon further but at the expense of users (or developers) writing queries.

How to alter the database to accommodate 50 000 character articles

First of all a change of the maximum character limit in the article entity's 'content' attribute is in order. Since this already is of type text there is no need to change the attribute type.