

Database Evaluation

Limitation

For my database, one of the limitations of its functionality in my design is the limit to the topics available for articles. This can be fixed by switching the ENUM() for VARCHAR(), which would allow for a greater variety of topics to be used.

Scalability Issue

In order to accommodate for the increase in the character limit of the news articles content, from 250 to 50000, a simple change has to be made to the database_install file.

Under the 'Article' table,

"Article_Content VARCHAR(250) NOT NULL"

would become,

"Article_Content VARCHAR(50000) NOT NULL".

Then under the 'Article_Author' table,

"Article_Author_Content VARCHAR(250) NOT NULL"

would become,

"Article_Author_Content VARCHAR(50000) NOT NULL".