Database for XML documents

* Create a database to handle XML documents from a number of users.
* There exists a small set of schemas that the documents must comply with.
* Documents can be inserted, modified and deleted.
* Each document has a header which uniquely identifies the document
* Each document has one owner
* The owner can grant other users rights to read the documents.
* It should be possible to grant read access to groups of documents based on certain elements in the XML documents.

I will focus on creating a good logical design and indexing to improve performance.