



## Study project (equiv. "Studienarbeit")

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<b>Title</b>	Study Project in Multimedia Database Systems
<b>Subject</b>	Specification of the concurrent web system for sharing documents on the background of current development.
<b>Background</b>	<p>Anyone can find many information management systems providing data sharing and places for information exchange. Beginning from the bulletin board system (BBS) going through electronic discussion forum (USENET, CHAT), email and email list servers, document servers (Major-domo), and ending on shared document systems (like shared file systems CIFS or NFS) we can find some of functionality users can use. However, all these systems do not provide support for both versioning and concurrent access. There are systems that could be taken into consideration like Concurrent Versioning System (CVS) or Microsoft SourceSafe, but they were developed for a different purpose of managing source code developed by programmers (text only documents). The current development goes in the direction of distributed authoring and versioning and there is already a protocol specified called WebDAV, but still there is no existing application for managing one shared document that can do versioning of parts of the document.</p> <p>This work is related to an e-Democracy Project that will be held by the European forum of students (AEGEE) and donates to e-Inclusion projects.</p>
<b>Task</b>	<p>The main goal of the work is to find and analyse the existing solutions or ongoing projects in the field of concurrent authoring and versioning of shared documents.</p> <p>Few steps have to be done:</p> <ul style="list-style-type: none"><li>- requirements of the users regarding concurrent work on a document should be clearly defined and description of the usage in reality should be provided</li><li>- deep comparison of the available solutions have to be done, which results in a state-of-the-art overview of the field</li><li>- based on that the technology of the shared document system should be proposed</li></ul>
<b>Requirements</b>	<ul style="list-style-type: none"><li>- good knowledge of English</li><li>- interest in CSCW, BSCW</li><li>- good knowledge about web application systems, HTML and XML</li></ul>
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