**ISYS3001 – Assignment 1 exercise**

Remember that this is a public repository - your changes could be seen by anyone who looks!

Add some comments about Version management outside this border, or just add some text so there is a change to this file.

Remember that your GitHub user ID must be submitted in your assignment report!

Once you’ve changed follow the next step in your assignment task.

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## Concepts in Version Management

There are two basic concepts in version management:

* With pessimistic version management – also known as Lock Modify Write or exclusive check-out – access to a file is blocked if another employee is already working on it. This eliminates the need to merge various changes.
* Optimistic version management – also known as Copy Modify Merge – allows multiple users to edit files simultaneously, but the changes must be merged manually or automatically.

When working with documents, process models such as [V-Modell XT](https://t2informatik.de/en/smartpedia/v-modell-xt/) or Hermes also use a change index that provides the reader of a document with a tabular version history of the document. This allows the reader to recognise, for example, which versions existed at which times, who the authors were and, if necessary, which differences between individual versions were explicitly documented. However, he may not be able to tell whether he is actually reading the latest, current version of the document.