# Status Week 39

We have focused on further describing the ER-diagram and also on designing the database behind it. While designing we discovered some things, which lead to re-design. These are so far notes inside the .sql files, but will be moved to the report.

To create a database and populate it with a single complete set of data run the following two commands in order after retrieving the files listed below and ensuring that the psql.exe command is in your environment path.

execute\_db.bat miniproject\_mdd.sql

* Enter password for user postgres when prompted (default user).

execute\_db.bat miniproject\_queries.sql

* Enter password for user postgres when prompted (default user).

A larger DB must naturally be constructed for proper testing. If a database named webshoptest1 already exist please change the name in the two .sql files or remove the db

## What is next

1. Fine-tuning ER diagram.
2. Finish documenting ER diagram.
3. Describe Transactional Dependencies
4. Describe requirement tracability
5. Writing views and more queries.
6. Evaluate Performance and create indexes.
7. Create users and roles in DB and limit to minimum required.
8. Test DB

# Source and documents

Below is a link to the subversion repository what holds the documents and SQL statements. Naturally these documents are dynamic and will be continuously updated.

<http://masterofit2009.googlecode.com/svn/trunk/DatabaseDesign/DatabaseManagementSystems/>

The documents of interest might be:

* Report miniproject.docx (the project report)
* Miniproject\_mdd.sql
* Miniproject\_queries.sql
* execute\_db.bat