



# T5 - Systems and Networks Seminar

T-SRS-500

## Day 05

SQL && PHP





You must have each step validated before moving on to the next one.



Unless otherwise stated, this day should be done only on the Debian environment.

## TASK 01 - SQL

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Install MariaDB on your machine if you do not already have it.  
Configure your server to set `passwd42` as the password for the `root` account.  
In addition, the `root` account must only connect locally.

Finally add a `users` database with a `users` table. This table should have the following three columns:

- `id_user` - int - AUTOINCREMENT
- `user` - VARCHAR(256)
- `password` - VARCHAR(256)

## TASK 02 - SQL & PHP

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Deploy a `phpmyadmin` on your machine and make sure that it works.  
You must also protect access to the site with `root/passwd43` identifiers.



## TASK 03 - PHP

Using a `who.php` script, display the last 10 login attempts on your machine in the following format :

```
Terminal
~/T-SRS-500> ./who.php
09:00:42 - Victor - ok
11:42:12 - Jog - ko
13:42:37 - Mathieu - ko
14:78:10 - Sylvain - ok
```

## TASK 04 - PHP TO SQL

Make a `who_db.php` PHP script that retrieves the last 10 login attempts on your machine and saves them to the `users` database in a `logs` table:

- datetime - DATETIME
- user - VARCHAR (256)
- status - VARCHAR (256)



You must not have duplicates. If we take the log example of the previous exercise, several calls to `who_db.php` should not add the same data again.

Make sure that your script runs automatically every hour.

## TASK 05 - NEW USER

Make a php page that allows you to add a user to the `user` table.  
Passwords must be stored in Blowfish.



## **TASK 06 - DRUPAL**

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Deploy a Drupal on your web server, accessible from `https://127.0.0.1/drupal`