Hi,
please find below some explanations about my application.

As you asked I have tried to improve it a bit, some of the main changes are the usage of password_hash() more innovative instead of MD5(), instead of passing the database connection to the methods all the times I have included the DbManager class into UserManager through a dependency called in the construct() method.

I have used PDO driver.

Php 7: please check the Composer.log which will load the PhpUnit 7 to match the Php version.

I have tried to add as least comments as possible by using easy to understand variables and methods names which give a clear idea of what is stored in them.

Over the time I have worked with developers who had controversial opinions about how to comment the code, probably you have your one as well, in my code I have tried to find a balance between simplicity and most common standards.

The testing code worked fine for me so far, all tests pass, if you load the dump db included you should see all of them passed as soon as you run "vendor\bin\phpunit tests". I had to use a window system to develop the code, even if I'd prefer Linux or Mac.

Please, don't hesitate to contact me in case you need further explanations.

I really enjoyed developed this application :-)

William