

3rd Semester Assignment 1

PHP LOGIN SYSTEM

Veselin Velkov

cph-vv56@cphbusiness.dk

[Portfolio](#)

[Product](#)

[Github repository](#)

Assignment

Login functionality

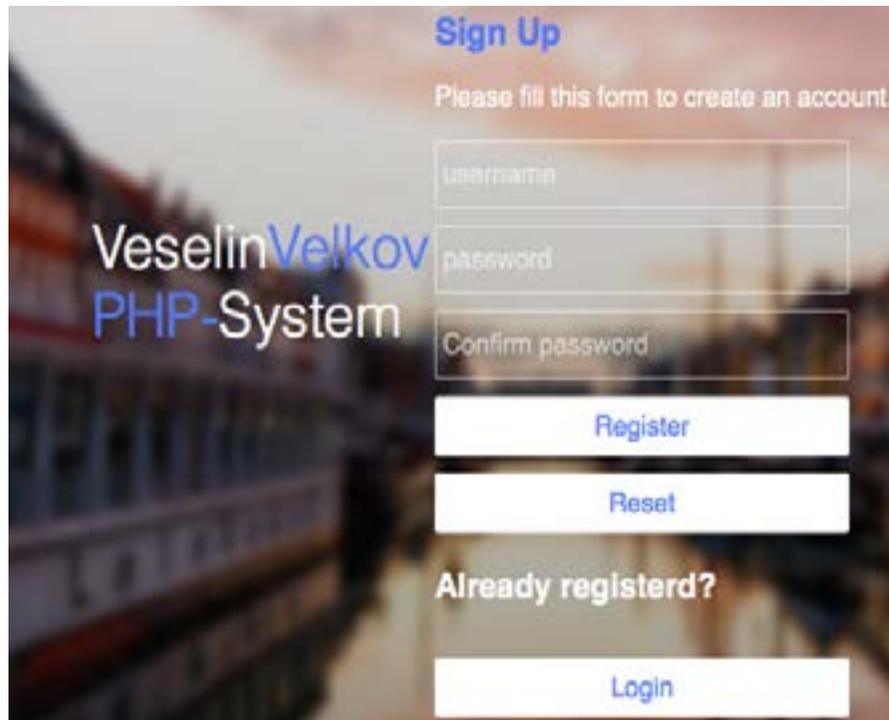
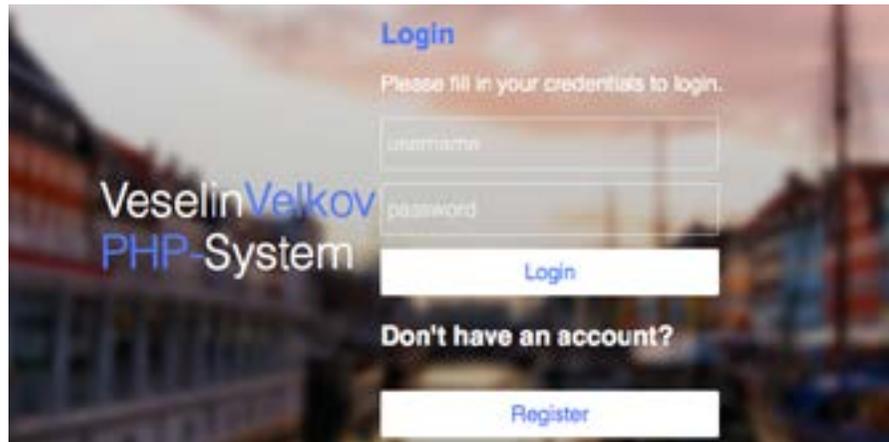
- Logout functionality
- Page with secret info which can only be viewed if user is logged in
- Store needed data for the user login in a MySQL database table
- Add User functionality

Solution

- MySQL db system
- PHP menus
- Login user
- Logout user
- Register user
- Password encryption

The PHP code has been validated using:
<https://phpcodechecker.com>

Future updates will include restyling of some pages as well as added features for the users, such as - adding personal info, profile photo, etc.

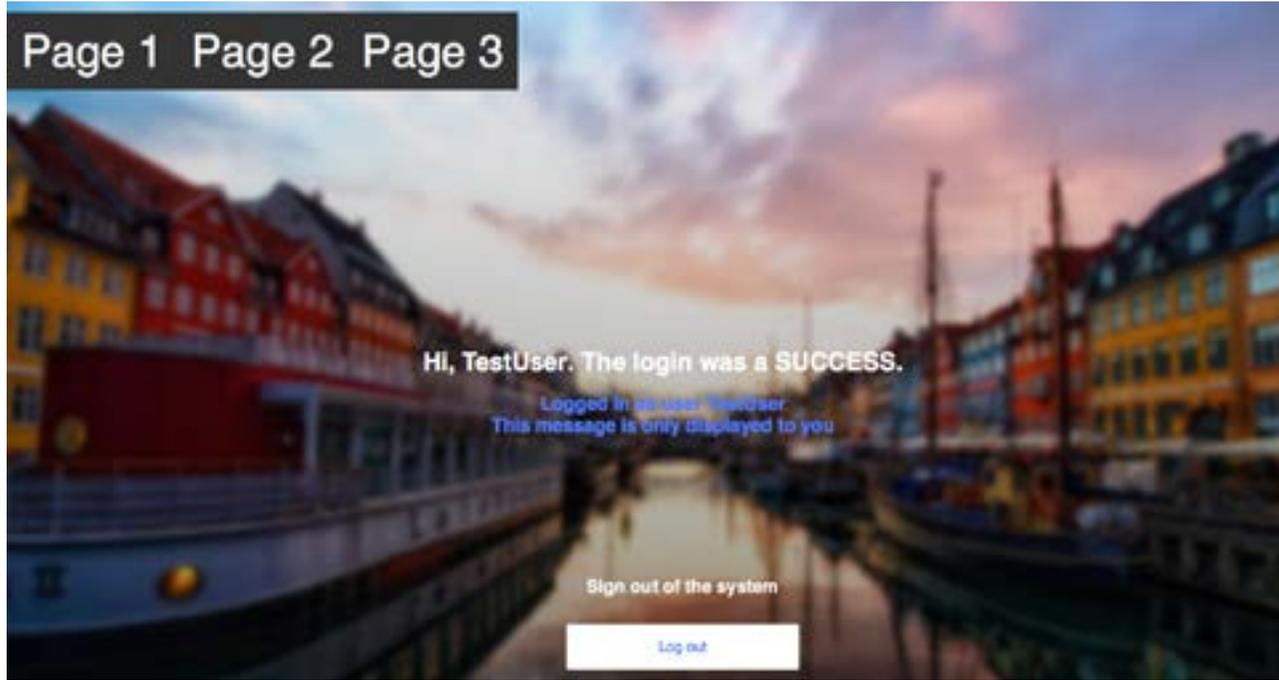


Considerations

The purpose of this product was for me to learn the basics of PHP and MySQL database systems and deliver a functional system which stores data to the db and responds accordingly.

For security, the passwords are hashed when entering the database. As recommended on php.net, the password character count was increased to 255 when hashing a password.

Sessions are used to identify whether a user is logged in or not. If a user attempts to bypass the login and enter the link to one of the pages without having logged in beforehand the page will



not display anything. The intent was to display an echo in such an event, however this issue remains to be fixed in a future iteration. In the next iteration I would also like to include a function to prohibit duplicate user names.

Currently the db does not allow duplicate user names, however it is not echoed to the user when such an issue occurs. The system's next version will be made to be mobile friendly. The current product fails to do so, as the menu bar is not

responsive and renders the system unusable on a handheld device.

Learning: With this flow I got an understanding how to manipulate databases and PHP login/logout/register functionality, as well as PHP menus

References

For the completion of this website I have utilized the following resources:

- Codingcage.com
- [Tue Becher MIL Github Repository](https://github.com/TueBecher/MIL)
- W3Schools
- [Clever Techie - Login System Tutorial with PHP and MYSQL Database](http://CleverTechie.com)
- [Codecourse - PHP Tutorials: Register & Login: User login](http://Codecourse.com)

