

**SILESIAN UNIVERSITY OF  
TECHNOLOGY FACULTY OF  
AUTOMATIC CONTROL,  
ELECTRONICS AND COMPUTER  
SCIENCE - FinTax - Raport 9.**

Kacper Szymaniak Bartłomiej Murmyłowski  
Group: 5TI Section: 533

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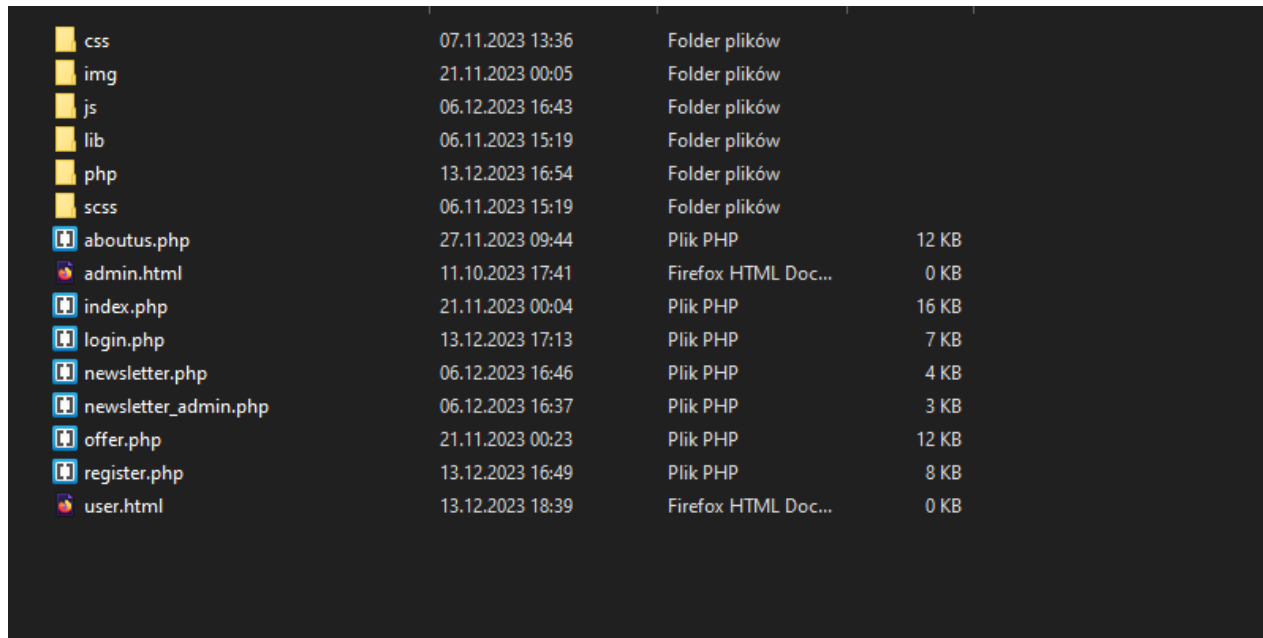
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## 1 Introduction

This week, we focused on creating additional fundamental components for connecting our website to the database through PHP.

## 2 PHP

This week, we finally started transitioning our file system from HTML to .php.



css	07.11.2023 13:36	Folder plików	
img	21.11.2023 00:05	Folder plików	
js	06.12.2023 16:43	Folder plików	
lib	06.11.2023 15:19	Folder plików	
php	13.12.2023 16:54	Folder plików	
scss	06.11.2023 15:19	Folder plików	
aboutus.php	27.11.2023 09:44	Plik PHP	12 KB
admin.html	11.10.2023 17:41	Firefox HTML Doc...	0 KB
index.php	21.11.2023 00:04	Plik PHP	16 KB
login.php	13.12.2023 17:13	Plik PHP	7 KB
newsletter.php	06.12.2023 16:46	Plik PHP	4 KB
newsletter_admin.php	06.12.2023 16:37	Plik PHP	3 KB
offer.php	21.11.2023 00:23	Plik PHP	12 KB
register.php	13.12.2023 16:49	Plik PHP	8 KB
user.html	13.12.2023 18:39	Firefox HTML Doc...	0 KB

Since we are still building the system for both the administrator and the user, we have left it in HTML format for now.

Below, we present our modular scheme for saving PHP modules.

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 admin.php	13.12.2023 18:41	Plik PHP	0 KB
 connect.php	13.12.2023 16:44	Plik PHP	1 KB
 login.php	13.12.2023 16:54	Plik PHP	1 KB
 register.php	13.12.2023 16:50	Plik PHP	2 KB
 sub.php	06.12.2023 16:48	Plik PHP	1 KB
 unsub.php	06.12.2023 16:48	Plik PHP	1 KB
 user.php	13.12.2023 18:41	Plik PHP	0 KB

Figure 1: Our PHP system.

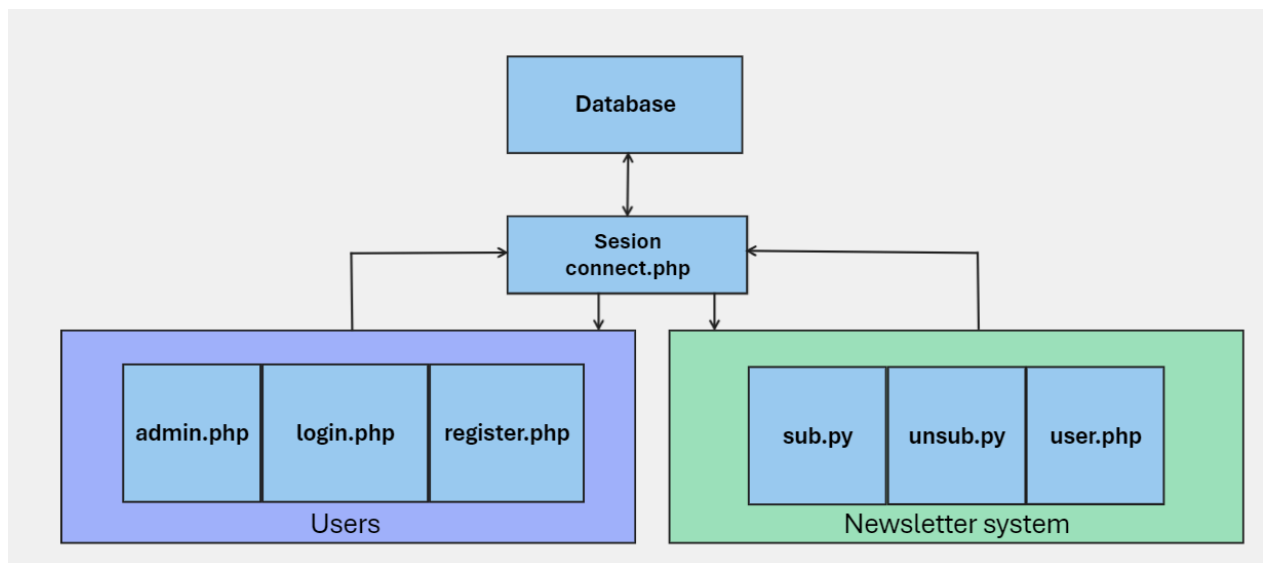


Figure 2: Our PHP system.

At the beginning of each page, we have a script that loads the specific module required for that page. For example (as shown below), for the "register" page, we have a connection to the corresponding script (which itself includes a script for connecting to the database):

```
<?php include('php/register.php') ?>
```

Figure 3: Including register.php

We have also improved the login system to the database. We still need to enhance data security, implement sessions, and complete the admin and user systems.

```

<?php
session_start();

include('php/connect.php');

// initializing variables
$email = "";
$errors = array();

// LOGIN USER
if (isset($_POST['login_user'])) {
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $password = mysqli_real_escape_string($db, $_POST['password']);

    if (empty($email)) {
        array_push($errors, "Email is required");
    }
    if (empty($password)) {
        array_push($errors, "Password is required");
    }

    if (count($errors) == 0) {
        $password = md5($password);
        $query = "SELECT * FROM users WHERE email='$email' AND password='$password'";
        $results = mysqli_query($db, $query);

        if (mysqli_num_rows($results) == 1) {
            $_SESSION['email'] = $email;
            $_SESSION['success'] = "Zalogowales się";
            header('location: user.php');
        } else {
            array_push($errors, "Zły email/hasło");
        }
    }
}

```

Figure 4: Including connect.php

```

<?php
session_start();

include('php/connect.php');

// initializing variables
$email = "";
$errors = array();

// LOGIN USER
if (isset($_POST['login_user'])) {
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $password = mysqli_real_escape_string($db, $_POST['password']);

    if (empty($email)) {
        array_push($errors, "Email is required");
    }
    if (empty($password)) {
        array_push($errors, "Password is required");
    }

    if (count($errors) == 0) {
        $password = md5($password);
        $query = "SELECT * FROM users WHERE email='$email' AND password='$password'";
        $results = mysqli_query($db, $query);

        if (mysqli_num_rows($results) == 1) {
            $_SESSION['email'] = $email;
            $_SESSION['success'] = "Zalogowales się";
            header('location: user.php');
        } else {
            array_push($errors, "Zły email/hasło");
        }
    }
}

```

Figure 5: Login script.