

LAPORAN HASIL KERJA PRAKTIK
PERBAIKAN BUG PADA WEBSITE PAJAK
MENGGUNAKAN PHP NATIVE
Diajukan Untuk Memenuhi Syarat Kuliah kerja Praktik
Program Strata 1 Jurusan Teknologi Informasi Fakultas Teknik



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UNIVERSITAS
MUHAMMADIYAH
YOGYAKARTA

Unggul & Islami

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JURUSAN TEKNOLOGI INFORMASI
FAKULTAS TEKNIK
UNIVERSITAS MUHAMMADIYAH YOGYAKARTA

**LEMBAR PENGESAHAN
LAPORAN KERJA PRAKTIK**

Di

CV. Creative Gama Studio

Periode 15 Maret 2021 – 17 April 2021

**PERBAIKAN BUG PADA WEBSITE PAJAK
MENGGUNAKAN FRAMEWORK PHP**

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Yogyakarta, 30 Oktober 2021

Mengesahkan,

**DOSEN PEMBIMBING KERJA PRAKTEK SELAKU
KETUA JURUSAN TEKNOLOGI INFORMASI**



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KATA PENGANTAR

Assalamu'alaikum Warrahmatullahi Wabarakatuh

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BAB I

PENDAHULUAN

1.1 Latar Belakang

CV Creative Gama Studio adalah sebuah perusahaan yang berdiri pada bulan Desember 2005 di Yogyakarta dan bergerak di bidang Teknologi Informasi dengan fokus bisnis berupa Produk dan Layanan diantaranya pembuatan CD Profil dan Tutorial, Desain dan Pengembangan Website, Aplikasi Sistem Informasi, serta Jasa Konsultasi. (Lilipali, 2015)

Pada kerja praktek kali ini kami di berikan project mengenai perbaikan bug pada website Pajak. Pajak sendiri merupakan pungutan wajib dari rakyat untuk negara. Fungsi pajak adalah membiayai pengeluaran-pengeluaran. Manfaat pajak digunakan untuk melakukan pembangunan hingga membayar gaji pegawai negeri. Pembayar pajak tidak mendapatkan imbalan secara langsung, di mana uang yang dikumpulkan dari pajak adalah digunakan untuk keperluan negara bagi sebesar-besarnya kemakmuran rakyat. Pembayaran pajak adalah perwujudan dari kewajiban kenegaraan dan peran serta wajib pajak untuk secara langsung dan bersama-sama melaksanakan kewajiban perpajakan untuk pembiayaan negara dan pembangunan nasional.

Website ini didesain dan dikembangkan oleh CV. Creative Gama Studio, dimana perusahaan ini sudah berpengalaman dalam mengatasi berbagai macam keluhan yang bersifat system teknologi informasi. Harapannya website ini bisa membantu kinerja dari pegawai maupun pengguna dan juga memudahkan admin untuk memberikan materi secara cepat dan daring.

1.2 Rumusan Masalah

Berdasarkan latar belakang di atas, maka dapat dirumuskan permasalahan yang ada adalah :

1. Bagaimana memperbaiki bug pada web?
2. Bagaimana sebuah aplikasi dapat mengelola data CRUD dengan mudah?
3. Bagaimana membuat sebuah tampilan aplikasi menjadi lebih menarik?

1.3. Tujuan

Adapun tujuan dari laporan ini yaitu :

1. Memberikan kemudahan kepada pengguna aplikasi dengan tampilan yang modern dan sederhana agar mudah dipahami.
2. Mempermudah akses CRUD.
3. Memperbaiki error.

1.4. Manfaat

1.4.1 Bagi Mahasiswa

1. Memiliki pengalaman terlibat langsung dalam aktivitas industri, serta mendapatkan kesempatan untuk mengaplikasikan ilmu – ilmu yang didapat saat di perkuliahan.
2. Mampu mengembangkan kemampuan ide – ide kreatif dan inovatif.

1.4.2 Bagi Universitas Muhammadiyah Yogyakarta

1. Merupakan masukan dalam penyempurnaan kualitas pendidikan untuk masa sekarang dan masa yang akan datang.
2. Sebagai perbandingan sejauh mana kurikulum Pendidikan pada saat ini dengan kebutuhan perusahaan.

1.4.3 Bagi Perusahaan

1. Mempermudah pengguna aplikasi (Surveyor) untuk mengetahui informasi mengenai Pajak melalui web.
2. Menambah relasi perusahaan dengan instansi Pendidikan, yang dalam ini adalah Universitas Muhammadiyah Yogyakarta

1.5 Waktu dan Tempat Pelaksanaan Magang

1.5.1 Lokasi Pelaksanaan Magang

Kegiatan magang dilakukan selama 1 bulan, Adapun keterangan lokasi magang sebagai berikut:

Nama Instansi : CV Creative Gama Studio

Alamat : Jalan Tata Bumi Timur No.109, Gamping, Area Sawah, Banyuraden, Sleman, Kabupaten Sleman, Daerah Istimewa Yogyakarta 55293.

1.5.2 Waktu Pelaksanaan Magang

Pelaksanaan Kegiatan kerja praktik dilakukan selama 35 hari kerja, dimulai pada tanggal 15 Maret 2021 – 17 April 2021 . Penggeraan website ini dilakukan secara WFH dan Offline.

WFH adalah model perjanjian kerja dimana karyawan memperoleh fleksibilitas bekerja dalam hal tempat dan waktu kerja dengan bantuan teknologi komunikasi.

BAB II

LANDASAN TEORI

2.1 Visual Studio Code

Visual Studio Code adalah teks editor sumber ringan dan handal yang dikembangkan oleh Microsoft untuk windows, Linux dan macOS. Fitur – fitur yang disediakan dalam Visual Studio Code diantaranya yaitu *Intellisense*, *Git Integration*, *Debugging* dan fitur ekstensi lain. (Yulianto, 2019)

2.2 Cpanel

cPanel hosting adalah kontrol panel di hosting yang dapat membantu dalam mengelola hosting, domain dan website. Dapat mensetting subdomain dengan mudah, mengupload file website, memasang SSL di website dan sebagainya. (Aldwin, 2021)

2.3 XAMPP

XAMPP (/[invalid input: 'icon']'zæmp/ atau /'eks.æmp/) adalah perangkat lunak bebas, yang mendukung banyak sistem operasi, merupakan kompilasi dari beberapa program.

Fungsinya adalah sebagai server yang berdiri sendiri (localhost), yang terdiri atas program Apache HTTP Server, MySQL *database*, dan penerjemah bahasa yang ditulis dengan bahasa pemrograman PHP dan Perl. Nama XAMPP merupakan singkatan dari X (empat sistem operasi apapun), Apache, MySQL, PHP dan Perl. Program ini tersedia dalam GNU General Public License dan bebas, merupakan web server yang mudah digunakan yang dapat melayani tampilan halaman web yang dinamis. Untuk mendapatkannya dapat mendownload langsung dari web resminya. (Sekawan, 2021)

2.4 phpMyAdmin

phpMyAdmin adalah aplikasi web untuk mengelola *database* MySQL dan *database* MariaDB dengan lebih mudah melalui antarmuka (interface)grafis. Aplikasi web ini ditulis menggunakan bahasa pemrograman PHP. Sebagaimana aplikasi-aplikasi lain untuk lingkungan web (aplikasi yang dibuka atau dijalankan menggunakan browser), phpMyAdmin juga mengandung unsur HTML/XHTML, CSS dan juga kode

JavaScript. Aplikasi web ini ditujukan untuk memudahkan pengelolaan basis data MySQL dan MariaDB dengan penyajian antarmuka web yang lengkap dan menarik. phpMyAdmin merupakan aplikasi web yang bersifat open source (sumber terbuka) sejak pertama dibuat dan dikembangkan. Dengan dukungan dari banyak developer dan translator, aplikasi web phpMyAdmin mengalami perkembangan yang cukup pesat dengan ketersediaan banyak pilihan bahasa. Sampai saat ini, ada kurang lebih 65 bahasa yang sudah didukung oleh aplikasi web phpMyAdmin. (K, 2018)

2.5 HTML

HTML adalah singkatan dari HyperText Markup Language yaitu bahasa pemrograman standar yang digunakan untuk membuat sebuah halaman web, yang kemudian dapat diakses untuk menampilkan berbagai informasi di dalam sebuah penjelajah web Internet (Browser) (Nawadwipa, 2020). HTML dapat juga digunakan sebagai link link antara file-file dalam situs atau dalam komputer dengan menggunakan localhost, atau link yang menghubungkan antar situs dalam dunia internet. (Putri, 2021)

2.6 Cascading Style Sheet (CSS)

CSS adalah singkatan dari Cascading Style Sheets. Berisi rangkaian instruksi yang menentukan bagaimana suatu text akan ditampilkan pada halaman web. Perancangan desain text dapat dilakukan dengan mendefinisikan fonts (huruf), colors (warna), margins (ukuran), latar belakang (background), ukuran font (font sizes) dan lain-lain. Cascading Style Sheets juga bisa berarti meletakkan styles yang berbeda pada layers (lapisan) yang berbeda. CSS terdiri dari style sheet yang memberitahukan browser bagaimana suatu dokumen akan disajikan. Fitur-fitur baru pada halaman web lama dapat ditambahkan dengan bantuan *style sheet* (Firdiansyah, 2021). Saat menggunakan CSS, Anda tidak perlu menulis properti font, color atau size pada setiap paragraf, atau pada setiap dokumen. Setelah Anda membuat sebuah style sheet, Anda dapat menyimpan kode tersebut sekali saja dan dapat kembali menggunakan bila diperlukan. (EduChannel, 2016)

2.7 Database

Database adalah kumpulan data yang disimpan dengan sistem tertentu, dan saling berhubungan, sehingga dapat dikelola dengan mudah. Database penting untuk mengatur data yang jumlahnya banyak, dan selalu bertambah. Sebagai contoh, program website, aplikasi, dan lainnya. Katakanlah Anda sedang membangun website toko online. Tentunya Anda akan memiliki banyak data, seperti gambar produk, deskripsi produk, informasi harga, dan lainnya. Tanpa database, data tersebut hanya akan tersimpan di komputer Anda, dan tidak bisa diakses oleh konsumen. Atau, konsumen harus mengakses data dari komputer Anda dulu secara langsung. Selain berbahaya, aksesnya juga akan berat, bukan? Nah, dengan database, data website Anda dapat disimpan dalam satu server. Berapapun jumlahnya, bisa disesuaikan dengan kemampuan server tersebut. Dengan begitu, data mampu diolah bersamaan sehingga aktivitas browsing untuk melihat produk, memasukkan produk ke keranjang belanja hingga tahap pembayaran bisa berjalan dengan sistem yang baik. (Wijaya, 2021)

BAB III

PERANCANGAN

3.1 Alat dan bahan

Dalam proses pembuatan web ini menggunakan alat dan bahan untuk mendukung berjalannya perancangan dan pembuatan website.

3.1.1 Alat

Alat yang digunakan untuk membuat aplikasi ini , berupa perangkat keras dan perangkat lunak

yaitu :

a. Perangkat Keras

1. Laptop Asus VivoBook S14 S410 i5-8250U
2. 8 gb memory RAM
3. 1 TB HDD
4. 128 GB SSD
5. Keyboard, Mouse, dan Monitor

b. Perangkat Lunak

1. Sistem Operasi Windows 10
2. Xampp
3. Visual Studio Code
4. PhpMyAdmin

3.1.2 Bahan

Bahan yang digunakan dalam proses pembuatan website ini adalah data yang disediakan oleh HRD CV Creative Gama Studio.

BAB IV

IMPLEMENTASI

4.1 Tampilan Database

Pada Gambar 1 menampilkan halaman *database* website Pajak.

The screenshot shows the phpMyAdmin interface with the following details:

- The title bar says "localhost:8080 MySQL - phpMyAdmin - MySQL - Google Play".
- The left sidebar lists databases: `admin`, `admin`.
- The main area has a heading "Mengelola basis data".
- A table titled "Tabel" with columns: "Nama", "Jenis", "Properti", "Aksi", "Delete".
- The table contains 25 rows, each corresponding to one of the databases listed in the sidebar.
- The first row (admin) has the following values:
 - Nama: `admin`
 - Jenis: `InnoDB, utf8_general_ci`
 - Properti: `Kolom: 0, Index: 0, Triger: 0`
 - Aksi: `Import`
 - Delete: `Delete`
- The last row (admin) has the following values:
 - Nama: `admin`
 - Jenis: `InnoDB, utf8_general_ci`
 - Properti: `Kolom: 0, Index: 0, Triger: 0`
 - Aksi: `Import`
 - Delete: `Delete`

Gambar 1 Tampilan Database

4.2 Landing Page

Pada Gambar 2 menampilkan halaman pertama yang akan user lihat saat membuka website untuk pertama kali, disini user dapat login terlebih dahulu



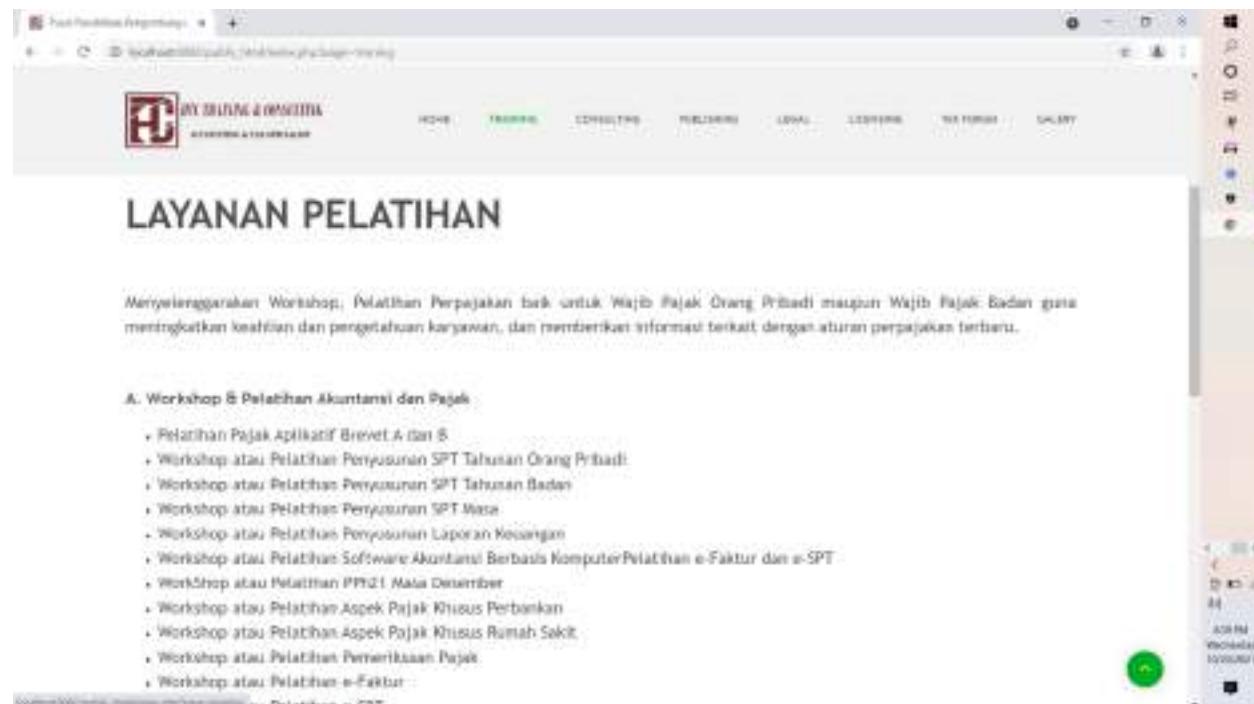
Gambar 2 Landing Page

4.3 Menu

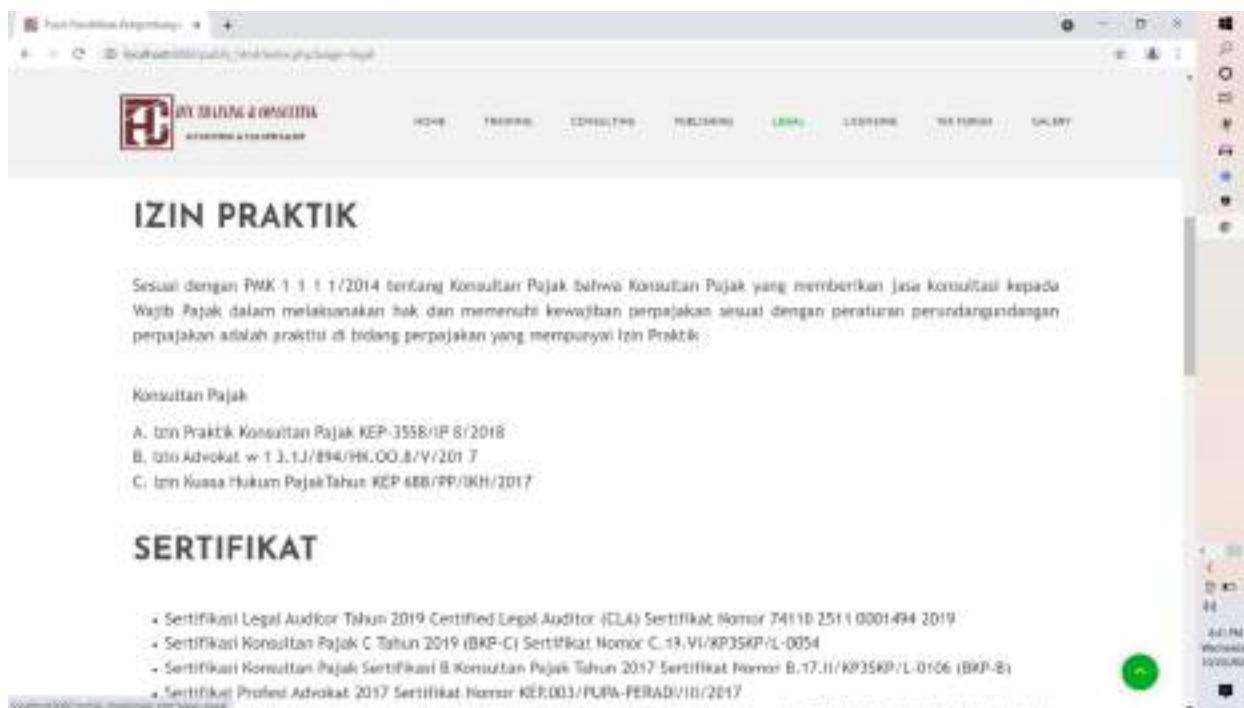
Pada Gambar 3-7 halaman ini Pengguna dapat melihat beberapa halaman menu pada website Pajak.

A screenshot of a website page titled 'LAYANAN KONSULTASI(EDITED)'. The page content discusses tax consulting services, mentioning tax planning, tax compliance, and tax audit. It also includes a section on tax audit services.

Gambar 3 Menu consulting



Gambar 4 Training



Gambar 5 Legal



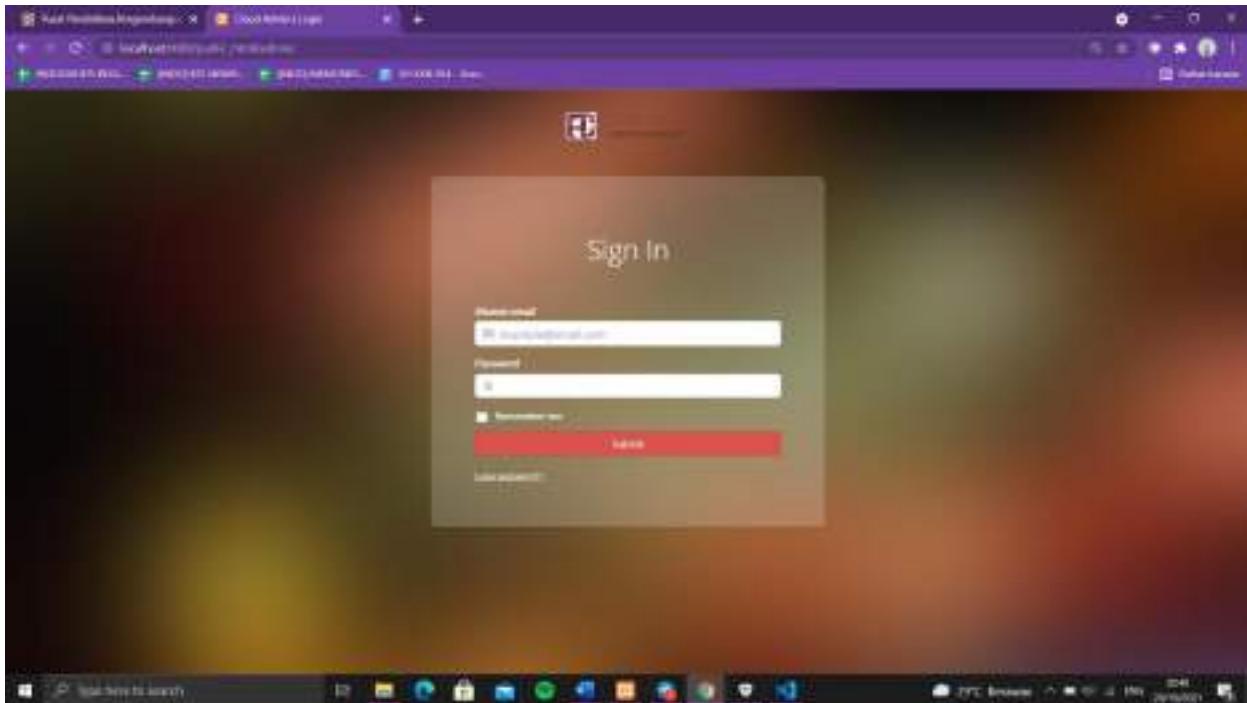
Gambar 6 Licensing



Gambar 7 Galeri

4.3 Login Admin

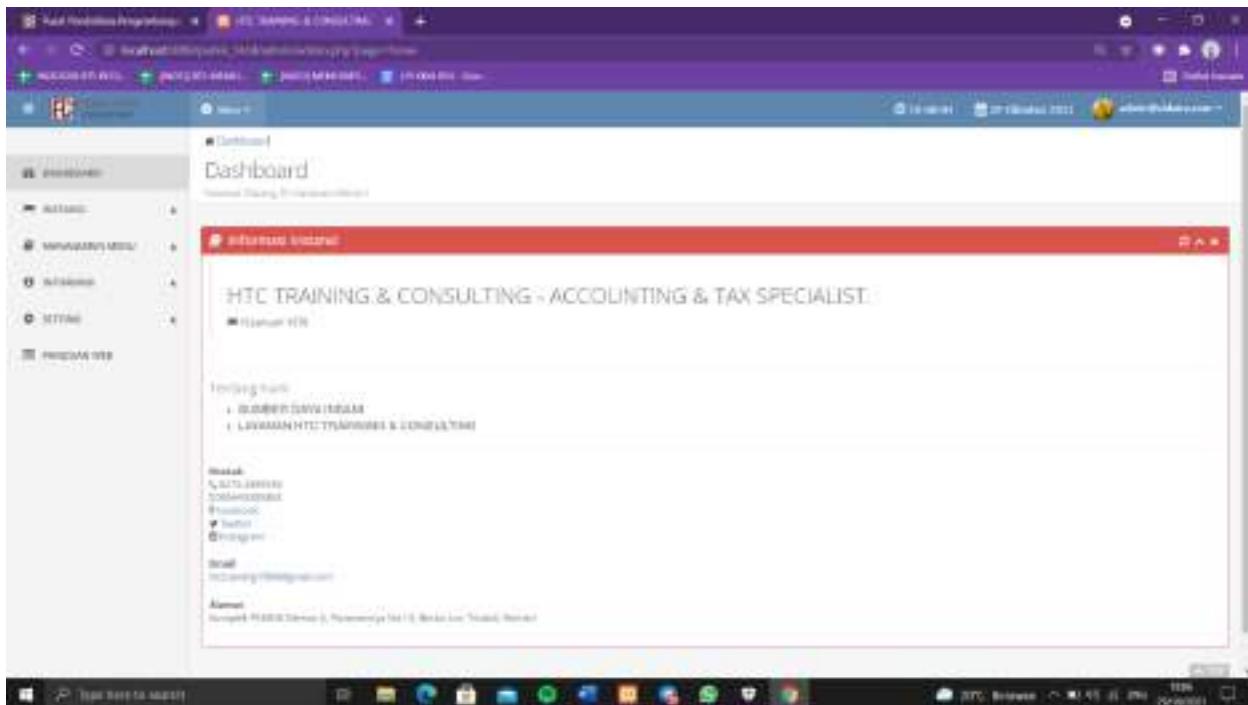
Gambar 8 menampilkan halaman Login untuk Admin.



Gambar 8 Login Admin

4.5 Tampilan Admin

Setelah Login, admin dapat melihat semua data apa saja yang telah ditambahkan oleh pengguna , admin dapat menambahkan user melalui button list user, menambahkan data dan admin dapat melihat detail setiap adta dan menghapus data.



Gambar 9 Tampilan Admin

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Setelah melakukan tahapan perancangan dan pembuatan website yang sudah mampu menangani kebutuhan seperti yang tercantum di rumusan masalah. Berdasarkan penelitian dapat disimpulkan bahwa ;

1. Dengan adanya perbaikan bug pada website ini , pengguna dapat dengan nyaman mengakses situs website pajak .
2. Dapat meminimalkan kinerja saat melakukan pengolahan data.
3. Pengguna dapat dengan nyaman melihat tampilan yang lebih baik dari tampilan sebelumnya.

5.2 Saran

Berdasarkan kesimpulan diatas, berikut merupakan saran yang dijadikan bahan pertimbangan untuk meningkatkan kinerja pengguna website pajak :

5.2.1 Bagi Apps Developer

Dengan adanya aplikasi ini, diharapkan ada upaya pengembangan lebih lanjut dengan fitur – fitur terbaru yang nantinya semakin lebih sempurna dan pengamanan data pribadi lebih terjamin.

5.2.2 Bagi User

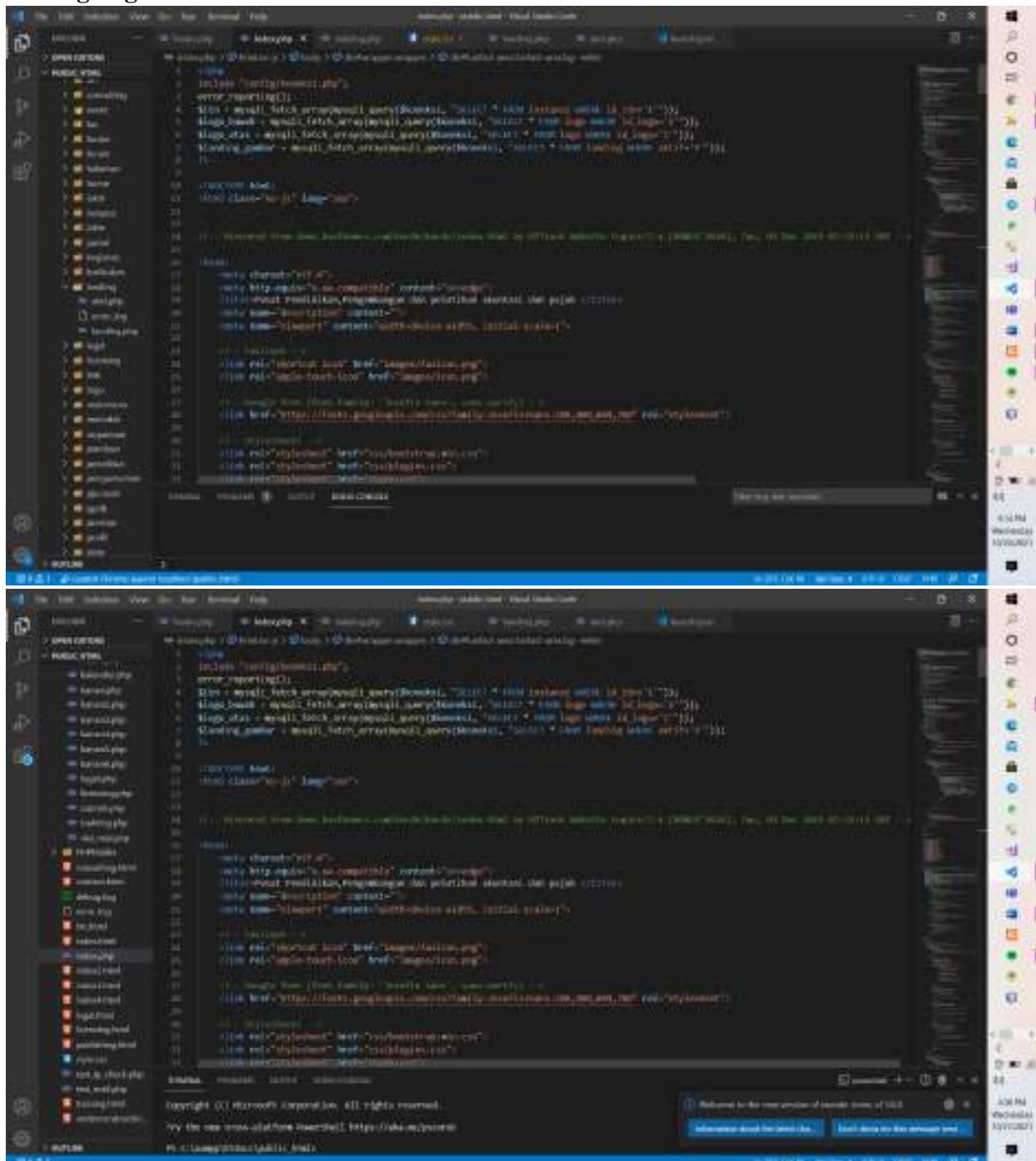
Dengan adanya aplikasi ini, diharapkan pengguna dapat meninjau aplikasi yang masih terdapat kekurangan atau kesalahan.

DAFTAR PUSTAKA

- Aldwin, N. (2021). *Apa itu cPanel dan Cara Menggunakannya?* Retrieved from
<https://www.niagahoster.co.id/blog/apa-itu-cpanel/>
- EduChannel, I. (2016). *Pengertian CSS.* Retrieved from
<https://educhannel.id/blog/artikel/pengertian-css.html>
- Firdiansyah, A. (2021). *Beberapa Text Editor Terbaik untuk Para Programmer.* Retrieved from
<https://glints.com/id/lowongan/text-editor-untuk-programer/#.YbGoNNDP071>
- K, Y. (2018). *Panduan Lengkap Belajar phpMyAdmin Dasar.* Retrieved from
<https://www.niagahoster.co.id/blog/belajar-phpmyadmin/>
- Lilipali, S. (2015). *Creative Gama Studio The Begining Of Creativity.* Retrieved from
CreativeGamaStudio.com: <https://creativegamastudio.com/>
- Nawadwipa. (2020). *Pengertian Dan Fungsi HTML (HyperText Markup Language).* Retrieved from <https://www.nawadwipa.co.id/pengertian-dan-fungsi-html-hypertext-markup-language/>
- Putri, A. (2021). *Pengertian HTML, Fungsi dan Cara Kerjanya.* Retrieved from
<https://www.niagahoster.co.id/blog/html-adalah/?amp>
- Sekawan, S. (2021). *Memahami Konsep Penggunaan Xampp untuk Kebutuhan Development.* Retrieved from <https://www.sekawanmedia.co.id/apa-itu-xampp/>
- Wijaya, N. N. (2021). *Database: Pengertian dan Fungsinya dalam Pemrograman.* Retrieved from <https://www.niagahoster.co.id/blog/database-adalah/>
- Yulianto, R. (2019). *Ekstensi dan Tema Visual Studio Code yang Saya Gunakan.* Retrieved from
<https://medium.com/kode-dan-kodean/ekstensi-dan-tema-visual-studio-code-yang-saya-gunakan-6c3555762816>

LAMPIRAN

1. Coding bagian halaman Home



```
1 <?php
2     include "fungsi/fungsi.php";
3     error_reporting(0);
4     $tampil = mysql_fetch_array(mysql_query("SELECT * FROM t_kategori ORDER BY id_kat ASC"));
5     $kota_tampil = mysql_fetch_array(mysql_query("SELECT * FROM t_kota ORDER BY id_kota ASC"));
6     $kabupaten_tampil = mysql_fetch_array(mysql_query("SELECT * FROM t_kabupaten ORDER BY id_kab ASC"));
7     $kecamatan_tampil = mysql_fetch_array(mysql_query("SELECT * FROM t_kecamatan ORDER BY id_kec ASC"));
8
9     class Kategori {
10         static public $id_kat;
11         static public $nama_kat;
12     }
13
14     class Kota {
15         static public $id_kota;
16         static public $nama_kota;
17     }
18
19     class Kabupaten {
20         static public $id_kab;
21         static public $nama_kab;
22     }
23
24     class Kecamatan {
25         static public $id_kec;
26         static public $nama_kec;
27     }
28
29     class Produk {
30         static public $id_produk;
31         static public $nama_produk;
32         static public $deskripsi;
33         static public $harga;
34         static public $gambar;
35         static public $kategori_id;
36         static public $kota_id;
37         static public $kabupaten_id;
38         static public $kecamatan_id;
39         static public $stok;
40         static public $satuan;
41         static public $status;
42         static public $penulis;
43         static public $terbit;
44         static public $update;
45         static public $penulis_id;
46     }
47
48     $produk = new Produk();
49
50     $produk->id_produk = 1;
51     $produk->nama_produk = "Pulpen";
52     $produk->deskripsi = "Produk pulpen ini merupakan barang yang dibutuhkan dalam kegiatan belajar dan mengajar.";
53     $produk->harga = 15000;
54     $produk->gambar = "img/prod1.jpg";
55     $produk->kategori_id = 1;
56     $produk->kota_id = 1;
57     $produk->kabupaten_id = 1;
58     $produk->kecamatan_id = 1;
59     $produk->stok = 100;
60     $produk->satuan = "Pcs";
61     $produk->status = "Ditambahkan";
62     $produk->penulis = "Admin";
63     $produk->terbit = "2023-09-14";
64     $produk->update = "2023-09-14";
65     $produk->penulis_id = 1;
66
67     $produk2 = new Produk();
68
69     $produk2->id_produk = 2;
70     $produk2->nama_produk = "Buku";
71     $produk2->deskripsi = "Produk buku ini merupakan barang yang dibutuhkan dalam kegiatan belajar dan mengajar.";
72     $produk2->harga = 25000;
73     $produk2->gambar = "img/prod2.jpg";
74     $produk2->kategori_id = 1;
75     $produk2->kota_id = 1;
76     $produk2->kabupaten_id = 1;
77     $produk2->kecamatan_id = 1;
78     $produk2->stok = 50;
79     $produk2->satuan = "Pcs";
80     $produk2->status = "Ditambahkan";
81     $produk2->penulis = "Admin";
82     $produk2->terbit = "2023-09-14";
83     $produk2->update = "2023-09-14";
84     $produk2->penulis_id = 1;
85
86     $produk3 = new Produk();
87
88     $produk3->id_produk = 3;
89     $produk3->nama_produk = "Bahan Paket";
90     $produk3->deskripsi = "Produk bahan paket ini merupakan barang yang dibutuhkan dalam kegiatan belajar dan mengajar.";
91     $produk3->harga = 30000;
92     $produk3->gambar = "img/prod3.jpg";
93     $produk3->kategori_id = 1;
94     $produk3->kota_id = 1;
95     $produk3->kabupaten_id = 1;
96     $produk3->kecamatan_id = 1;
97     $produk3->stok = 20;
98     $produk3->satuan = "Pcs";
99     $produk3->status = "Ditambahkan";
100    $produk3->penulis = "Admin";
101    $produk3->terbit = "2023-09-14";
102    $produk3->update = "2023-09-14";
103    $produk3->penulis_id = 1;
```

```
class Training {
    public $conn;
    public $error;

    public function __construct() {
        $this->conn = new mysqli("localhost", "root", "", "db");
        if ($this->conn->connect_error) {
            die("Connection failed: " . $this->conn->connect_error);
        }
    }

    public function getTrainingData($id) {
        $sql = "SELECT * FROM training WHERE id = $id";
        $result = $this->conn->query($sql);
        if ($result->num_rows > 0) {
            return $result->fetch_assoc();
        } else {
            return null;
        }
    }

    public function getTrainingCount() {
        $sql = "SELECT COUNT(*) AS count FROM training";
        $result = $this->conn->query($sql);
        if ($result->num_rows > 0) {
            return $result->fetch_assoc();
        } else {
            return null;
        }
    }
}

$train = new Training();
echo $train->getTrainingData(1);
echo $train->getTrainingCount();
```

2. Coding bagian Halaman Training

```
class Training {
    public $conn;
    public $error;

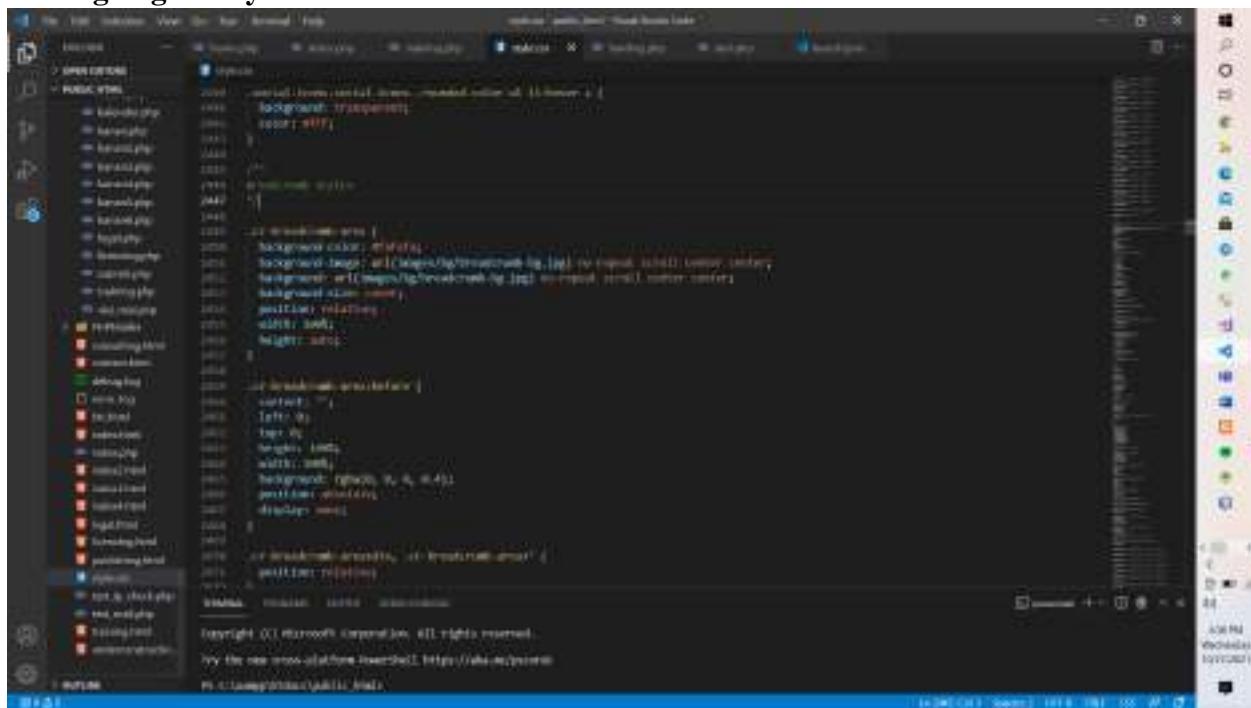
    public function __construct() {
        $this->conn = new mysqli("localhost", "root", "", "db");
        if ($this->conn->connect_error) {
            die("Connection failed: " . $this->conn->connect_error);
        }
    }

    public function getTrainingData($id) {
        $sql = "SELECT * FROM training WHERE id = $id";
        $result = $this->conn->query($sql);
        if ($result->num_rows > 0) {
            return $result->fetch_assoc();
        } else {
            return null;
        }
    }

    public function getTrainingCount() {
        $sql = "SELECT COUNT(*) AS count FROM training";
        $result = $this->conn->query($sql);
        if ($result->num_rows > 0) {
            return $result->fetch_assoc();
        } else {
            return null;
        }
    }
}

$train = new Training();
echo $train->getTrainingData(1);
echo $train->getTrainingCount();
```

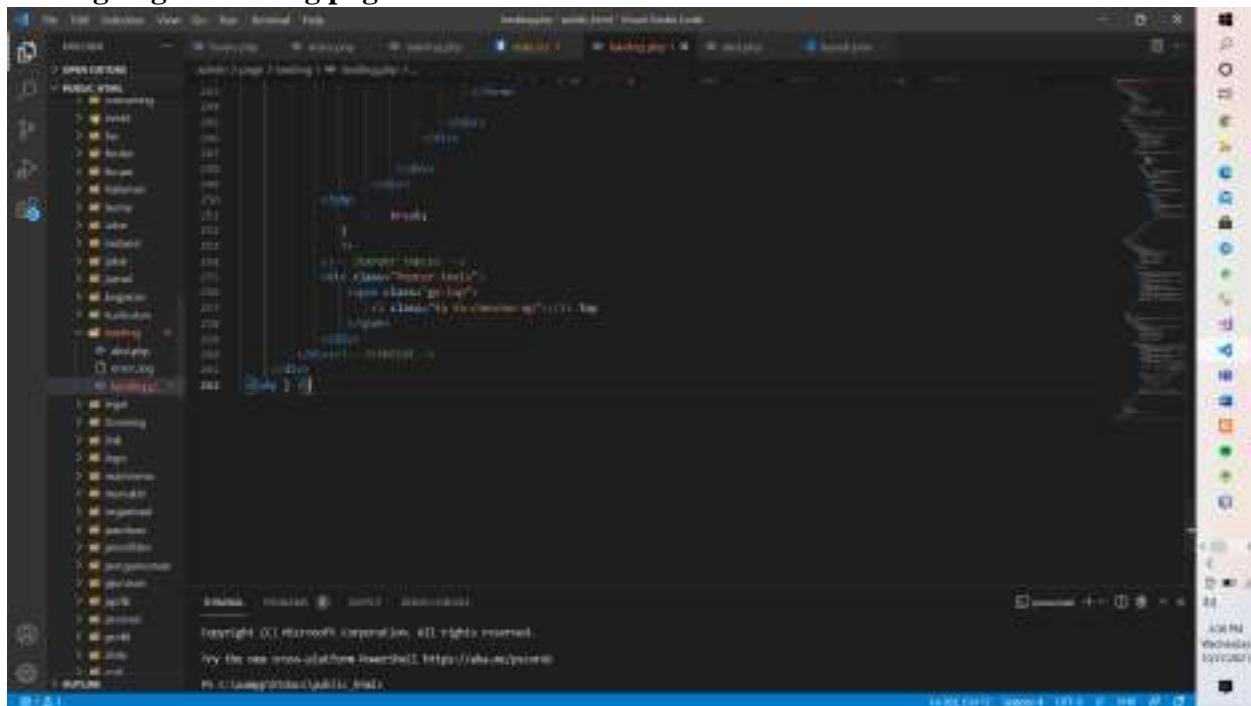
3. Coding bagian Style.cs



The screenshot shows the Visual Studio IDE with the 'Style.cs' file open in the code editor. The code defines a style for a 'button' element, setting its background color to transparent and its border color to #0072BD. It also includes a hover state with a green background color (#4CAF50) and a white text color. The code is part of a larger class definition.

```
1 button {
2     background-color: transparent;
3     border: 1px solid #0072BD;
4     color: inherit;
5     font-size: inherit;
6     font-weight: inherit;
7     padding: 0;
8     margin: 0;
9     text-decoration: none;
10    -webkit-transition: all 0.3s ease-in-out;
11    transition: all 0.3s ease-in-out;
12 }
13 
14 button:hover {
15     background-color: #4CAF50;
16     color: white;
17 }
```

4. Coding bagian landing page



The screenshot shows the Visual Studio IDE with the 'landing.cshtml' file open in the code editor. The page contains a single line of text: 'Landing Page'. The code editor shows the HTML structure of the page.

```
<p>Landing Page</p>
```

5. Coding untuk aksi.php

The screenshot shows the Microsoft Visual Studio Code interface with the 'aksi.php' file open in the editor. The code is a PHP script for a login system. It includes functions for user authentication, session management, and database interaction. The code uses MySQLi and PDO databases, and includes logic for handling user input and validating session data.

```
function login($username, $password) {
    $stmt = $conn->prepare("SELECT * FROM users WHERE username = ? AND password = ?");
    $stmt->execute([$username, $password]);
    $user = $stmt->fetch(PDO::FETCH_ASSOC);
    return $user;
}

function check_login() {
    if (!isset($_SESSION['user'])) {
        header('Location: login.php');
        exit();
    }
}

function logout() {
    session_start();
    session_unset();
    session_destroy();
    header('Location: login.php');
    exit();
}

function update_session($user_id) {
    session_start();
    $_SESSION['user_id'] = $user_id;
    $_SESSION['username'] = $user['username'];
    $_SESSION['role'] = $user['role'];
}
```

This screenshot is identical to the one above, showing the 'aksi.php' file in Microsoft Visual Studio Code. The difference is that the line of code '\$_SESSION['user_id'] = \$user_id;' has been highlighted with a yellow selection bar, indicating it is the current line of interest.

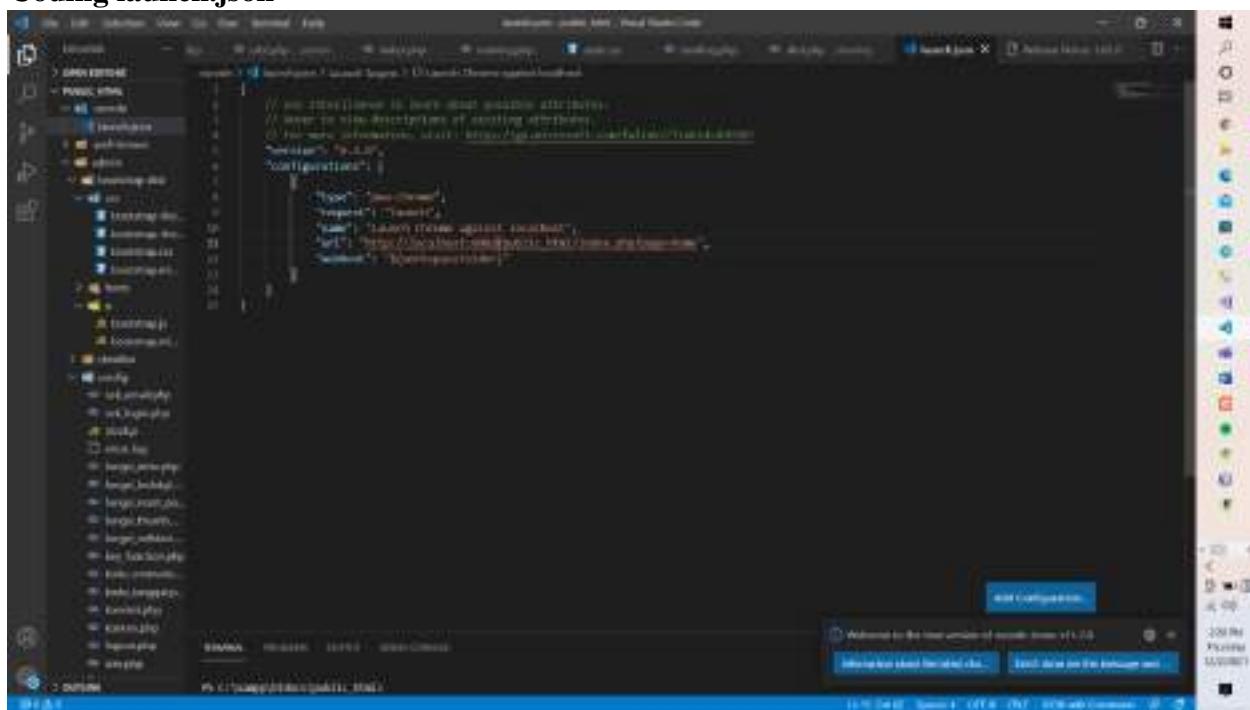
```
function login($username, $password) {
    $stmt = $conn->prepare("SELECT * FROM users WHERE username = ? AND password = ?");
    $stmt->execute([$username, $password]);
    $user = $stmt->fetch(PDO::FETCH_ASSOC);
    return $user;
}

function check_login() {
    if (!isset($_SESSION['user'])) {
        header('Location: login.php');
        exit();
    }
}

function logout() {
    session_start();
    session_unset();
    session_destroy();
    header('Location: login.php');
    exit();
}

function update_session($user_id) {
    session_start();
    $_SESSION['user_id'] = $user_id;
    $_SESSION['username'] = $user['username'];
    $_SESSION['role'] = $user['role'];
}
```

6. Coding launch.json

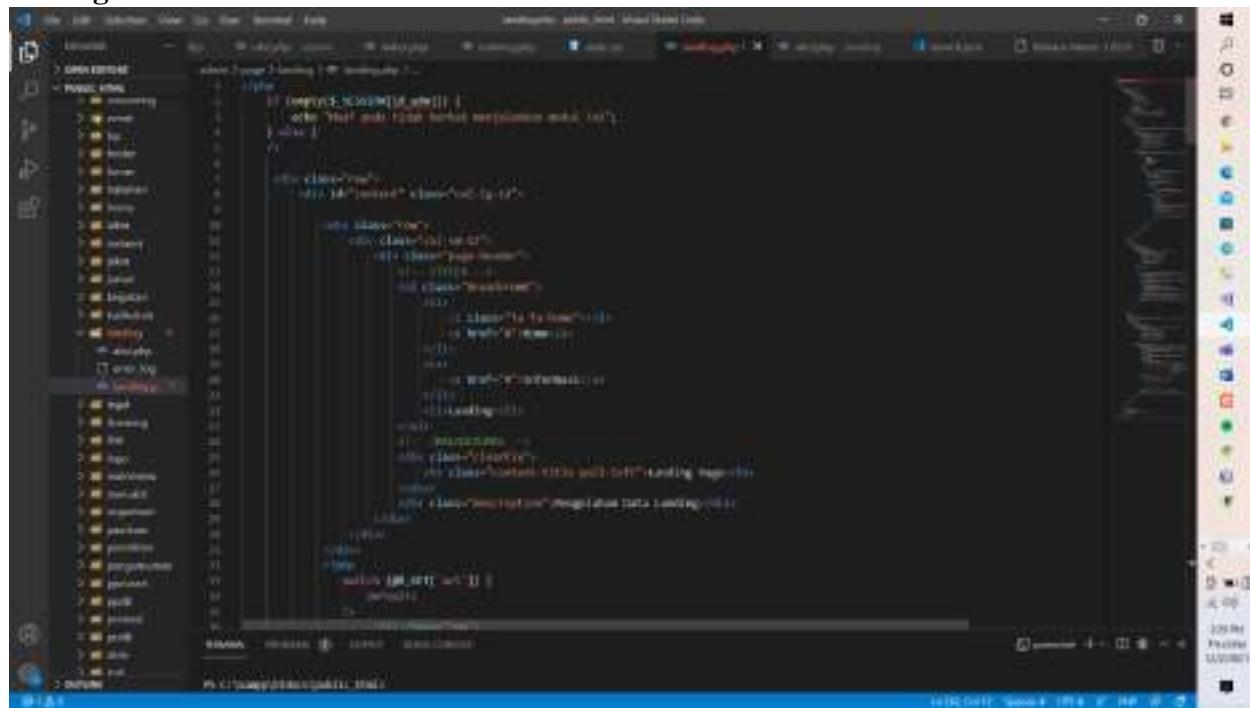


The screenshot shows the VS Code interface with the 'launch.json' file open in the center editor tab. The file contains the following JSON configuration:

```
{ "version": "0.2.0", "configurations": [ { "name": "Launch PHP", "type": "php", "request": "launch", "port": 9000, "host": "localhost", "uri": "http://localhost:9000/test/index.php", "logLevel": "INFO" } ] }
```

The left sidebar shows a project structure with several PHP files like index.php, test.php, and config.php. The bottom status bar indicates the file path as 'C:\xampp\php\public\test\index.php'.

7. Coding



The screenshot shows the VS Code interface with the 'index.php' file open in the center editor tab. The code is as follows:

```
<?php echo "Hello World"; ?>
```

The left sidebar shows a project structure with several PHP files like index.php, test.php, and config.php. The bottom status bar indicates the file path as 'C:\xampp\php\public\test\index.php'.

```

    /**
     * @param args
     */
    public static void main(String[] args) {
        // Create a new instance of the class
        // and pass it the URL of the file
        // to be read.
        File file = new File("C:/Users/.../Desktop/Java/HelloWorld.java");
        try {
            // Create a new FileInputStream object
            // and pass it the file.
            FileInputStream fis = new FileInputStream(file);
            // Create a new BufferedReader object
            // and pass it the file.
            BufferedReader br = new BufferedReader(new InputStreamReader(fis));
            String strLine;
            // Read the file line by line.
            while ((strLine = br.readLine()) != null) {
                // Print the content of the file.
                System.out.println(strLine);
            }
            // Close the file.
            br.close();
        } catch (Exception e) {
            // Handle the exception.
            e.printStackTrace();
        }
    }
}

```

The image displays two side-by-side screenshots of the Microsoft Edge browser interface, showing the same web page content. Both windows have a dark theme.

Top Window (Left):

```
<div><a href="#">Link 1</a><a href="#">Link 2</a><a href="#">Link 3</a></div>
<div><br/>Content 1</div>
<div><br/>Content 2</div>
```

Bottom Window (Right):

```
<div><a href="#">Link 1</a><a href="#">Link 2</a><a href="#">Link 3</a></div>
<div><br/>Content 1</div>
<div><br/>Content 2</div>
```

The code in both windows is identical, indicating a bug where the browser fails to correctly render or update the content between the two windows.

```
1<div><ul class="list-group">
2    <li><a href="#">Home</a></li>
3    <li><a href="#">About</a></li>
4    <li><a href="#">Contact</a></li>
5    <li><a href="#">Feedback</a></li>
6    <li><a href="#">Logout</a></li>
7</ul>
8</div>
9<div>
10    <h1>Welcome to our website!</h1>
11    <p>This is a simple website with some basic features like login and registration.</p>
12    <p>Please log in to access your account or register if you haven't done so yet.</p>
13    <hr>
14    <div>
15        <h2>User Management</h2>
16        <table border="1">
17            <thead>
18                <tr>
19                    <th>ID</th>
20                    <th>Name</th>
21                    <th>Email</th>
22                    <th>Role</th>
23                </tr>
24            <tbody>
25                <tr>
26                    <td>1</td>
27                    <td>John Doe</td>
28                    <td>johndoe@example.com</td>
29                    <td>Admin</td>
30                </tr>
31                <tr>
32                    <td>2</td>
33                    <td>Jane Smith</td>
34                    <td>janesmith@example.com</td>
35                    <td>User</td>
36                </tr>
37            </tbody>
38        </table>
39        <button type="button" value="Add New User" class="btn btn-primary" style="margin-top: 10px;">Add New User
40    </div>
41    <hr>
42    <div>
43        <h2>Feedback Management</h2>
44        <table border="1">
45            <thead>
46                <tr>
47                    <th>ID</th>
48                    <th>Title</th>
49                    <th>Content</th>
50                    <th>Status</th>
51                </tr>
52            <tbody>
53                <tr>
54                    <td>1</td>
55                    <td>Feature Request</td>
56                    <td>We want a new feature!</td>
57                    <td>Pending</td>
58                </tr>
59                <tr>
60                    <td>2</td>
61                    <td>Bug Report</td>
62                    <td>There is a bug in the app.</td>
63                    <td>Pending</td>
64                </tr>
65            </tbody>
66        </table>
67        <button type="button" value="Add New Feedback" class="btn btn-primary" style="margin-top: 10px;">Add New Feedback
68    </div>
69</div>
```

```
1<div><ul class="list-group">
2    <li><a href="#">Home</a></li>
3    <li><a href="#">About</a></li>
4    <li><a href="#">Contact</a></li>
5    <li><a href="#">Feedback</a></li>
6    <li><a href="#">Logout</a></li>
7</ul>
8</div>
9<div>
10    <h1>Welcome to our website!</h1>
11    <p>This is a simple website with some basic features like login and registration.</p>
12    <p>Please log in to access your account or register if you haven't done so yet.</p>
13    <hr>
14    <div>
15        <h2>User Management</h2>
16        <table border="1">
17            <thead>
18                <tr>
19                    <th>ID</th>
20                    <th>Name</th>
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22                    <th>Role</th>
23                </tr>
24            <tbody>
25                <tr>
26                    <td>1</td>
27                    <td>John Doe</td>
28                    <td>johndoe@example.com</td>
29                    <td>Admin</td>
30                </tr>
31                <tr>
32                    <td>2</td>
33                    <td>Jane Smith</td>
34                    <td>janesmith@example.com</td>
35                    <td>User</td>
36                </tr>
37            </tbody>
38        </table>
39        <button type="button" value="Add New User" class="btn btn-primary" style="margin-top: 10px;">Add New User
40    </div>
41    <hr>
42    <div>
43        <h2>Feedback Management</h2>
44        <table border="1">
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46                <tr>
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51                </tr>
52            <tbody>
53                <tr>
54                    <td>1</td>
55                    <td>Feature Request</td>
56                    <td>We want a new feature!</td>
57                    <td>Pending</td>
58                </tr>
59                <tr>
60                    <td>2</td>
61                    <td>Bug Report</td>
62                    <td>There is a bug in the app.</td>
63                    <td>Pending</td>
64                </tr>
65            </tbody>
66        </table>
67        <button type="button" value="Add New Feedback" class="btn btn-primary" style="margin-top: 10px;">Add New Feedback
68    </div>
69</div>
```

The screenshot shows a code editor with a file named 'index.php' open. The code defines a class 'Consulting' with several methods: 'index', 'about', 'services', 'contact', 'privacy', 'terms', 'faqs', 'faq', 'privacyPolicy', 'termsPolicy', 'privacyFAQ', 'termsFAQ', 'privacyPolicyText', 'termsPolicyText', 'privacyFAQText', and 'termsFAQText'. The 'index' method contains logic to determine which page to load based on the URL path. The 'about' method includes a JSON object with contact information. The 'services' method contains a JSON object with service details. The 'contact' method contains a JSON object with contact details. The 'privacy' method contains a JSON object with privacy policy details. The 'terms' method contains a JSON object with terms of service details. The 'privacyPolicy' method contains a JSON object with privacy policy details. The 'termsPolicy' method contains a JSON object with terms of service details. The 'privacyFAQ' method contains a JSON object with frequently asked questions about privacy. The 'termsFAQ' method contains a JSON object with frequently asked questions about terms. The 'privacyPolicyText' method contains the full text of the privacy policy. The 'termsPolicyText' method contains the full text of the terms of service. The 'privacyFAQText' method contains the full text of the privacy FAQ. The 'termsFAQText' method contains the full text of the terms FAQ.

```
class Consulting {
    public $index;
    public $about;
    public $services;
    public $contact;
    public $privacy;
    public $terms;
    public $faqs;
    public $faq;
    public $privacyPolicy;
    public $termsPolicy;
    public $privacyFAQ;
    public $termsFAQ;
    public $privacyPolicyText;
    public $termsPolicyText;
    public $privacyFAQText;
    public $termsFAQText;

    public function index() {
        if (empty($_GET['page'])) {
            $this->index = json_encode([
                "title": "Home",
                "url": "http://www.consulting.com",
                "content": "Welcome to Consulting! We offer a wide range of services to help you succeed. Contact us today for a free consultation."
            ]);
        } else {
            switch ($_GET['page']) {
                case "about":
                    $this->about = json_encode([
                        "title": "About Us",
                        "url": "http://www.consulting.com/about",
                        "content": "We are a team of experts in our field, dedicated to providing high-quality consulting services. Our mission is to help our clients achieve their goals through innovative solutions and personalized service."
                    ]);
                    break;
                case "services":
                    $this->services = json_encode([
                        "title": "Our Services",
                        "url": "http://www.consulting.com/services",
                        "content": "Our services include strategic planning, market research, financial analysis, and operational efficiency improvement. We work closely with our clients to understand their unique needs and develop tailored solutions that drive results."
                    ]);
                    break;
                case "contact":
                    $this->contact = json_encode([
                        "title": "Contact Us",
                        "url": "http://www.consulting.com/contact",
                        "content": "We are easy to reach. Call us at 1-800-CONSULT or email us at info@consulting.com. Our team is available 24/7 to answer your questions and provide support. We look forward to hearing from you soon."
                    ]);
                    break;
                case "privacy":
                    $this->privacy = json_encode([
                        "title": "Privacy Policy",
                        "url": "http://www.consulting.com/privacy",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "terms":
                    $this->terms = json_encode([
                        "title": "Terms of Service",
                        "url": "http://www.consulting.com/terms",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "faqs":
                    $this->faqs = json_encode([
                        "title": "Frequently Asked Questions",
                        "url": "http://www.consulting.com/faqs",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "faq":
                    $this->faq = json_encode([
                        "title": "FAQ",
                        "url": "http://www.consulting.com/faq",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "privacyPolicy":
                    $this->privacyPolicy = json_encode([
                        "title": "Privacy Policy",
                        "url": "http://www.consulting.com/privacyPolicy",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "termsPolicy":
                    $this->termsPolicy = json_encode([
                        "title": "Terms of Service",
                        "url": "http://www.consulting.com/termsPolicy",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "privacyFAQ":
                    $this->privacyFAQ = json_encode([
                        "title": "Privacy FAQ",
                        "url": "http://www.consulting.com/privacyFAQ",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "termsFAQ":
                    $this->termsFAQ = json_encode([
                        "title": "Terms FAQ",
                        "url": "http://www.consulting.com/termsFAQ",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "privacyPolicyText":
                    $this->privacyPolicyText = json_encode([
                        "title": "Privacy Policy Text",
                        "url": "http://www.consulting.com/privacyPolicyText",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "termsPolicyText":
                    $this->termsPolicyText = json_encode([
                        "title": "Terms Policy Text",
                        "url": "http://www.consulting.com/termsPolicyText",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "privacyFAQText":
                    $this->privacyFAQText = json_encode([
                        "title": "Privacy FAQ Text",
                        "url": "http://www.consulting.com/privacyFAQText",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "termsFAQText":
                    $this->termsFAQText = json_encode([
                        "title": "Terms FAQ Text",
                        "url": "http://www.consulting.com/termsFAQText",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
            }
        }
    }
}
```

8. Coding Konsulting

The screenshot shows a code editor with a file named 'agenda.php' open. The code defines a class 'Consulting' with several methods: 'index', 'about', 'services', 'contact', 'privacy', 'terms', 'faqs', 'faq', 'privacyPolicy', 'termsPolicy', 'privacyFAQ', 'termsFAQ', 'privacyPolicyText', 'termsPolicyText', 'privacyFAQText', and 'termsFAQText'. The 'index' method contains logic to determine which page to load based on the URL path. The 'about' method includes a JSON object with contact information. The 'services' method contains a JSON object with service details. The 'contact' method contains a JSON object with contact details. The 'privacy' method contains a JSON object with privacy policy details. The 'terms' method contains a JSON object with terms of service details. The 'privacyPolicy' method contains a JSON object with privacy policy details. The 'termsPolicy' method contains a JSON object with terms of service details. The 'privacyFAQ' method contains a JSON object with frequently asked questions about privacy. The 'termsFAQ' method contains a JSON object with frequently asked questions about terms. The 'privacyPolicyText' method contains the full text of the privacy policy. The 'termsPolicyText' method contains the full text of the terms of service. The 'privacyFAQText' method contains the full text of the privacy FAQ. The 'termsFAQText' method contains the full text of the terms FAQ.

```
class Consulting {
    public $index;
    public $about;
    public $services;
    public $contact;
    public $privacy;
    public $terms;
    public $faqs;
    public $faq;
    public $privacyPolicy;
    public $termsPolicy;
    public $privacyFAQ;
    public $termsFAQ;
    public $privacyPolicyText;
    public $termsPolicyText;
    public $privacyFAQText;
    public $termsFAQText;

    public function index() {
        if (empty($_GET['page'])) {
            $this->index = json_encode([
                "title": "Home",
                "url": "http://www.consulting.com",
                "content": "Welcome to Consulting! We offer a wide range of services to help you succeed. Contact us today for a free consultation."
            ]);
        } else {
            switch ($_GET['page']) {
                case "about":
                    $this->about = json_encode([
                        "title": "About Us",
                        "url": "http://www.consulting.com/about",
                        "content": "We are a team of experts in our field, dedicated to providing high-quality consulting services. Our mission is to help our clients achieve their goals through innovative solutions and personalized service."
                    ]);
                    break;
                case "services":
                    $this->services = json_encode([
                        "title": "Our Services",
                        "url": "http://www.consulting.com/services",
                        "content": "Our services include strategic planning, market research, financial analysis, and operational efficiency improvement. We work closely with our clients to understand their unique needs and develop tailored solutions that drive results."
                    ]);
                    break;
                case "contact":
                    $this->contact = json_encode([
                        "title": "Contact Us",
                        "url": "http://www.consulting.com/contact",
                        "content": "We are easy to reach. Call us at 1-800-CONSULT or email us at info@consulting.com. Our team is available 24/7 to answer your questions and provide support. We look forward to hearing from you soon."
                    ]);
                    break;
                case "privacy":
                    $this->privacy = json_encode([
                        "title": "Privacy Policy",
                        "url": "http://www.consulting.com/privacy",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "terms":
                    $this->terms = json_encode([
                        "title": "Terms of Service",
                        "url": "http://www.consulting.com/terms",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "faqs":
                    $this->faqs = json_encode([
                        "title": "Frequently Asked Questions",
                        "url": "http://www.consulting.com/faqs",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "faq":
                    $this->faq = json_encode([
                        "title": "FAQ",
                        "url": "http://www.consulting.com/faq",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "privacyPolicy":
                    $this->privacyPolicy = json_encode([
                        "title": "Privacy Policy",
                        "url": "http://www.consulting.com/privacyPolicy",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "termsPolicy":
                    $this->termsPolicy = json_encode([
                        "title": "Terms of Service",
                        "url": "http://www.consulting.com/termsPolicy",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "privacyFAQ":
                    $this->privacyFAQ = json_encode([
                        "title": "Privacy FAQ",
                        "url": "http://www.consulting.com/privacyFAQ",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "termsFAQ":
                    $this->termsFAQ = json_encode([
                        "title": "Terms FAQ",
                        "url": "http://www.consulting.com/termsFAQ",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "privacyPolicyText":
                    $this->privacyPolicyText = json_encode([
                        "title": "Privacy Policy Text",
                        "url": "http://www.consulting.com/privacyPolicyText",
                        "content": "At Consulting, we take your privacy seriously. We do not share your personal information with third parties without your consent. We use industry-standard security measures to protect your data. If you have any questions or concerns, please don't hesitate to ask."
                    ]);
                    break;
                case "termsPolicyText":
                    $this->termsPolicyText = json_encode([
                        "title": "Terms Policy Text",
                        "url": "http://www.consulting.com/termsPolicyText",
                        "content": "By using our website, you agree to our Terms of Service. These terms outline the rules for using our site and the rights and responsibilities of our users. Please review them carefully before proceeding. If you have any questions, please contact us for further information."
                    ]);
                    break;
                case "privacyFAQText":
                    $this->privacyFAQText = json_encode([
                        "title": "Privacy FAQ Text",
                        "url": "http://www.consulting.com/privacyFAQText",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
                case "termsFAQText":
                    $this->termsFAQText = json_encode([
                        "title": "Terms FAQ Text",
                        "url": "http://www.consulting.com/termsFAQText",
                        "content": "We've compiled a list of frequently asked questions to help you get the most out of our services. If you have any other questions, please don't hesitate to ask. Our team is here to help you succeed."
                    ]);
                    break;
            }
        }
    }
}
```

9. Coding Agenda.php

A screenshot of a code editor displaying a PHP file named `agent.php`. The code includes imports for `System`, `File`, `String`, `Text`, and `FileIO`. It defines a class `Agent` with methods `getAgents()` and `getAgent()`. The `getAgents()` method uses `FileIO.readText` to read from a file and `String.split` to parse the data. The `getAgent()` method takes an ID and uses `FileIO.readText` to read from a file, then `String.split` to parse the data. The code also includes a `main` function that reads command-line arguments and calls the appropriate methods.

```
import System;
import File;
import String;
import Text;
import FileIO;

class Agent {
    public static void main(String[] args) {
        if (args.length < 1) {
            System.out.println("Usage: java Agent <agentID>");
            System.exit(1);
        }
        String agentID = args[0];
        Agent agent = new Agent();
        System.out.println(agent.getAgent(agentID));
    }

    public String getAgent(String id) {
        String data = FileIO.readText("agents.txt");
        String[] agents = data.split("\n");
        for (String agent : agents) {
            String[] agentData = agent.split(",");
            if (agentData[0].equals(id)) {
                return agent;
            }
        }
        return null;
    }

    public String getAgents() {
        String data = FileIO.readText("agents.txt");
        return data;
    }
}
```

A screenshot of a code editor displaying a Java file named `Agent.java`. The code defines a class `Agent` with a constructor that takes a string parameter. It has two methods: `getAgents()` and `getAgent()`. The `getAgents()` method returns a string representing all agents. The `getAgent()` method takes an ID and returns the agent with that ID. Both methods use `FileIO.readText` to read from a file and `String.split` to parse the data. The code also includes a `main` function that reads command-line arguments and calls the appropriate methods.

```
public class Agent {
    private String id;

    public Agent(String id) {
        this.id = id;
    }

    public String getAgents() {
        return FileIO.readText("agents.txt");
    }

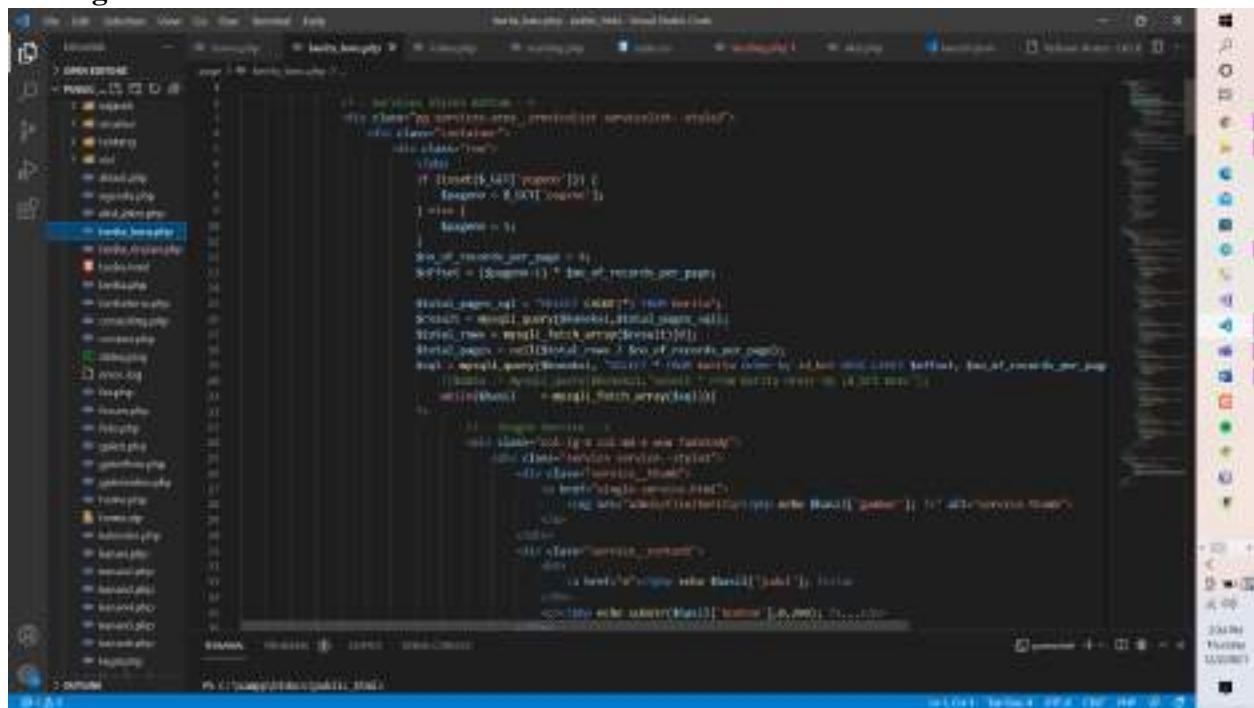
    public String getAgent(String id) {
        String data = FileIO.readText("agents.txt");
        String[] agents = data.split("\n");
        for (String agent : agents) {
            String[] agentData = agent.split(",");
            if (agentData[0].equals(id)) {
                return agent;
            }
        }
        return null;
    }
}
```

The screenshot shows a Java IDE interface with a code editor containing the following Java code:

```
public class main {
    public static void main(String[] args) {
        System.out.println("Hello World");
    }
}
```

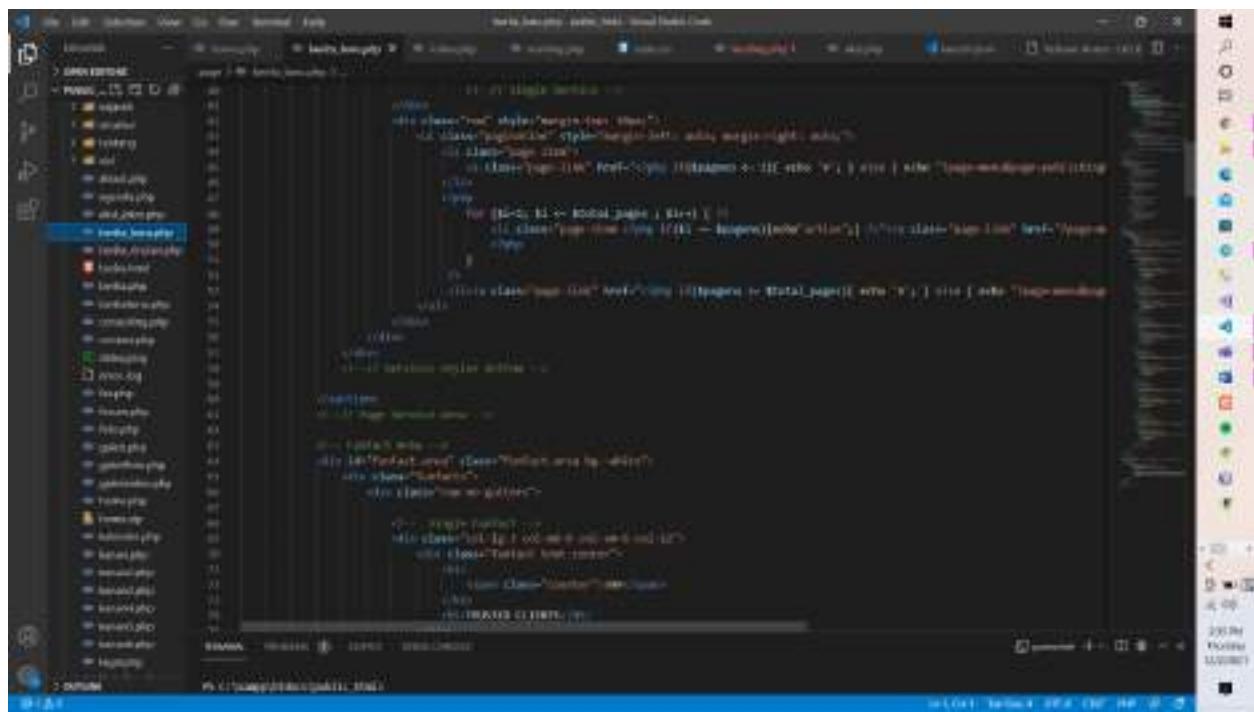
The screenshot shows the same Java IDE interface as the first one, but with the cursor positioned at the end of the line "System.out.println("Hello World");".

10. Coding berita baru



The screenshot shows a code editor with the file 'berita_baru.php' open. The code is a PHP script for displaying news articles. It includes logic to calculate the number of pages based on records per page and to generate a navigation menu with previous and next links.

```
if ($records_per_page > 0) {
    $total = ceil($records / $records_per_page);
    $start = ($page - 1) * $records_per_page + 1;
    $end = $start + $records_per_page - 1;
    $total_pages = ceil($records / $records_per_page);
    $start_page = $start . "<a href='?page=" . $start . "'>" . $start . "</a>";
    $end_page = $end . "<a href='?page=" . $end . "'>" . $end . "</a>";
    $prev = "<a href='?page=" . ($page - 1) . "'><--</a>";
    $next = "<a href='?page=" . ($page + 1) . "'>--></a>";
}
```



The screenshot shows the same code editor with additional code added to the 'berita_baru.php' file. This new code includes CSS styles for a 'list-style-type: none;' class and a 'display: inline-block;' class, along with some placeholder text 'Berita Baru'.

```
<ul style="list-style-type: none; padding-left: 0; margin: 0; display: inline-block; width: 100%;>
    <li>Berita Baru</li>
</ul>
```

```
    public void calculateBill() {
        double total = 0;
        for (int i = 0; i < items.size(); i++) {
            total += items.get(i).getPrice();
        }
        System.out.println("Total bill: " + total);
    }
}

class Item {
    private String name;
    private double price;

    public Item(String name, double price) {
        this.name = name;
        this.price = price;
    }

    public String getName() {
        return name;
    }

    public double getPrice() {
        return price;
    }
}
```

```
    public void calculateBill() {
        double total = 0;
        for (int i = 0; i < items.size(); i++) {
            total += items.get(i).getPrice();
        }
        System.out.println("Total bill: " + total);
    }
}

class Item {
    private String name;
    private double price;

    public Item(String name, double price) {
        this.name = name;
        this.price = price;
    }

    public String getName() {
        return name;
    }

    public double getPrice() {
        return price;
    }
}

class TaxCalculator {
    private static final double TAX_RATE = 0.1;
    private static final double TAX_EXEMPTION = 100;

    public double calculateTax(double total) {
        if (total > TAX_EXEMPTION) {
            return total * TAX_RATE;
        } else {
            return 0;
        }
    }
}
```

The screenshot shows a code editor with a dark theme. On the left is a file tree with files like index.php, berita_baru.php, berita_lama.php, and berita_detail.php. The main pane displays the following PHP code:

```
if($id != null) {
    $berita = Berita::getBeritaById($id);
} else {
    $berita = Berita::getBerita();
}
$berita = $berita[0];
$berita->isi();
echo $berita->isi;

```

11. Coding berita lama

The screenshot shows a code editor with a dark theme. On the left is a file tree with files like index.php, berita_baru.php, berita_lama.php, and berita_detail.php. The main pane displays the following PHP code:

```
if($id != null) {
    $berita = Berita::getBeritaById($id);
} else {
    $berita = Berita::getBerita();
}
$berita = $berita[0];
$berita->isi();
echo $berita->isi;

```

```
    static void main(String[] args) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/test", "root", "root");
            Statement st = con.createStatement();
            String query = "select * from student";
            ResultSet rs = st.executeQuery(query);
            while (rs.next()) {
                System.out.println(rs.getString("id") + " " + rs.getString("name"));
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

```
    static void main(String[] args) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/test", "root", "root");
            Statement st = con.createStatement();
            String query = "select * from student";
            ResultSet rs = st.executeQuery(query);
            while (rs.next()) {
                System.out.println(rs.getString("id") + " " + rs.getString("name"));
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

A screenshot of a code editor (Visual Studio Code) displaying the content of a PHP file named 'contact.php'. The file contains several lines of PHP code, including variable assignments and function calls. The code is color-coded for syntax highlighting, and the editor interface shows the file path 'D:\xampp\htdocs\belajarphp\contact.php' at the top.

```
1 <?php
2 // Membuat class Contact
3 class Contact {
4     // Properti
5     public $name;
6     public $email;
7     public $subject;
8     public $message;
9
10    // Konstruktor
11    public function __construct($name, $email, $subject, $message) {
12        $this->name = $name;
13        $this->email = $email;
14        $this->subject = $subject;
15        $this->message = $message;
16    }
17
18    // Metode
19    public function sendEmail() {
20        // Kode untuk mengirim email
21        echo "Email berhasil dikirim";
22    }
23
24    public function printDetails() {
25        echo "Nama: " . $this->name . "  
Email: " . $this->email . "  
Subjek: " . $this->subject . "  
Pesan: " . $this->message;
26    }
27
28    public static function createContact($name, $email, $subject, $message) {
29        return new Contact($name, $email, $subject, $message);
30    }
31
32    public static function getAllContacts() {
33        // Kode untuk mendapatkan semua kontak
34        // ...
35    }
36
37    public static function deleteContact($id) {
38        // Kode untuk menghapus kontak berdasarkan ID
39        // ...
40    }
41
42    public static function updateContact($id, $name, $email, $subject, $message) {
43        // Kode untuk memperbarui kontak berdasarkan ID
44        // ...
45    }
46
47    public static function searchContact($query) {
48        // Kode untuk mencari kontak berdasarkan query
49        // ...
50    }
51
52    public static function sortContact($order) {
53        // Kode untuk menyeleksi kontak berdasarkan urutan
54        // ...
55    }
56
57    public static function countContact() {
58        // Kode untuk menghitung jumlah kontak
59        // ...
60    }
61
62    public static function getLastContact() {
63        // Kode untuk mendapatkan kontak terakhir
64        // ...
65    }
66
67    public static function getFirstContact() {
68        // Kode untuk mendapatkan kontak pertama
69        // ...
70    }
71
72    public static function getLastNContact($n) {
73        // Kode untuk mendapatkan n kontak terakhir
74        // ...
75    }
76
77    public static function getFirstNContact($n) {
78        // Kode untuk mendapatkan n kontak pertama
79        // ...
80    }
81
82    public static function getContactById($id) {
83        // Kode untuk mendapatkan kontak berdasarkan ID
84        // ...
85    }
86
87    public static function insertContact($name, $email, $subject, $message) {
88        // Kode untuk menambahkan kontak baru
89        // ...
90    }
91
92    public static function updateContact($id, $name, $email, $subject, $message) {
93        // Kode untuk memperbarui kontak berdasarkan ID
94        // ...
95    }
96
97    public static function deleteContact($id) {
98        // Kode untuk menghapus kontak berdasarkan ID
99        // ...
100   }
101 }
```

12. Coding Contact.php

A screenshot of a code editor (Visual Studio Code) displaying the content of a PHP file named 'contact.php'. The file contains several lines of PHP code, including variable assignments and function calls. The code is color-coded for syntax highlighting, and the editor interface shows the file path 'D:\xampp\htdocs\belajarphp\contact.php' at the top. The code includes extensive multi-line comments explaining the purpose of each section.

```
1 <?php
2 // Membuat class Contact
3 class Contact {
4     // Properti
5     public $name;
6     public $email;
7     public $subject;
8     public $message;
9
10    // Konstruktor
11    public function __construct($name, $email, $subject, $message) {
12        $this->name = $name;
13        $this->email = $email;
14        $this->subject = $subject;
15        $this->message = $message;
16    }
17
18    // Metode
19    public function sendEmail() {
20        // Kode untuk mengirim email
21        echo "Email berhasil dikirim";
22    }
23
24    public function printDetails() {
25        echo "Nama: " . $this->name . "  
Email: " . $this->email . "  
Subjek: " . $this->subject . "  
Pesan: " . $this->message;
26    }
27
28    public static function createContact($name, $email, $subject, $message) {
29        return new Contact($name, $email, $subject, $message);
30    }
31
32    public static function getAllContacts() {
33        // Kode untuk mendapatkan semua kontak
34        // ...
35    }
36
37    public static function deleteContact($id) {
38        // Kode untuk menghapus kontak berdasarkan ID
39        // ...
40    }
41
42    public static function updateContact($id, $name, $email, $subject, $message) {
43        // Kode untuk memperbarui kontak berdasarkan ID
44        // ...
45    }
46
47    public static function searchContact($query) {
48        // Kode untuk mencari kontak berdasarkan query
49        // ...
50    }
51
52    public static function sortContact($order) {
53        // Kode untuk menyeleksi kontak berdasarkan urutan
54        // ...
55    }
56
57    public static function countContact() {
58        // Kode untuk menghitung jumlah kontak
59        // ...
60    }
61
62    public static function getLastContact() {
63        // Kode untuk mendapatkan kontak terakhir
64        // ...
65    }
66
67    public static function getFirstContact() {
68        // Kode untuk mendapatkan kontak pertama
69        // ...
70    }
71
72    public static function getLastNContact($n) {
73        // Kode untuk mendapatkan n kontak terakhir
74        // ...
75    }
76
77    public static function getFirstNContact($n) {
78        // Kode untuk mendapatkan n kontak pertama
79        // ...
80    }
81
82    public static function getContactById($id) {
83        // Kode untuk mendapatkan kontak berdasarkan ID
84        // ...
85    }
86
87    public static function insertContact($name, $email, $subject, $message) {
88        // Kode untuk menambahkan kontak baru
89        // ...
90    }
91
92    public static function updateContact($id, $name, $email, $subject, $message) {
93        // Kode untuk memperbarui kontak berdasarkan ID
94        // ...
95    }
96
97    public static function deleteContact($id) {
98        // Kode untuk menghapus kontak berdasarkan ID
99        // ...
100   }
101 }
```

```
function getGaleri($id) {
    $query = "SELECT * FROM galeri WHERE id_galeri = '$id'";
    $result = mysqli_query($conn, $query);
    if ($result) {
        $row = mysqli_fetch_assoc($result);
        return $row;
    } else {
        die("Error: " . mysqli_error($conn));
    }
}

$galeri = getGaleri($_GET['id']);
echo json_encode($galeri);
```

13. Coding galeri.php

```
function getGaleri($id) {
    $query = "SELECT * FROM galeri WHERE id_galeri = '$id'";
    $result = mysqli_query($conn, $query);
    if ($result) {
        $row = mysqli_fetch_assoc($result);
        return $row;
    } else {
        die("Error: " . mysqli_error($conn));
    }
}

$galeri = getGaleri($_GET['id']);
echo json_encode($galeri);
```

```
    <?php
        $id = $_GET['id'];
        $category_id = $_GET['category_id'];

        $query = "SELECT * FROM products WHERE id = '$id' AND category_id = '$category_id'";
        $result = mysqli_query($conn, $query);

        if ($result) {
            $product = mysqli_fetch_assoc($result);
            $name = $product['name'];
            $description = $product['description'];
            $price = $product['price'];
            $category_name = $product['category_name'];
            $image = $product['image'];
        } else {
            die("Error: " . mysqli_error($conn));
        }
    ?>
```

```
    <?php
        $id = $_GET['id'];
        $category_id = $_GET['category_id'];

        $query = "SELECT * FROM products WHERE id = '$id' AND category_id = '$category_id'";
        $result = mysqli_query($conn, $query);

        if ($result) {
            $product = mysqli_fetch_assoc($result);
            $name = $product['name'];
            $description = $product['description'];
            $price = $product['price'];
            $category_name = $product['category_name'];
            $image = $product['image'];
        } else {
            die("Error: " . mysqli_error($conn));
        }
    ?>
```

```
1<?php
2 // MySQL connection
3 $host = "mysql1.technoapple.com";
4 $user = "root";
5 $password = "root";
6 $db = "test";
7
8 // Create connection
9 $conn = new mysqli($host, $user, $password, $db);
10
11 // Check connection
12 if ($conn->connect_error) {
13     die("Connection failed: " . $conn->connect_error);
14 }
15
16 // Insert
17 $sql = "INSERT INTO `table`(`id`, `name`, `age`) VALUES ('1', 'John Doe', '20')";
18 if ($conn->query($sql) === TRUE) {
19     echo "New record created successfully";
20 } else {
21     echo "Error: " . $conn->error;
22 }
23
24 // Close connection
25 $conn->close();
26
```

14. Coding licensing.php

```
1<?php
2 // MySQL connection
3 $host = "mysql1.technoapple.com";
4 $user = "root";
5 $password = "root";
6 $db = "test";
7
8 // Create connection
9 $conn = new mysqli($host, $user, $password, $db);
10
11 // Check connection
12 if ($conn->connect_error) {
13     die("Connection failed: " . $conn->connect_error);
14 }
15
16 // Insert
17 $sql = "INSERT INTO `table`(`id`, `name`, `age`) VALUES ('1', 'John Doe', '20') OR '1'='1";
18 if ($conn->query($sql) === TRUE) {
19     echo "New record created successfully";
20 } else {
21     echo "Error: " . $conn->error;
22 }
23
24 // Close connection
25 $conn->close();
26
```

A screenshot of a code editor window titled "legal.php". The left sidebar shows a file tree with several PHP files and some log files. The main editor area displays the following code:

```
$(function() {
    var $input = $('#email');
    var $button = $('#submit');
    var $msg = $('#msg');

    $button.click(function() {
        var email = $input.val();
        if (!email) {
            $msg.text('Email is required');
            return;
        }
        $msg.text('');
        var loader = ' Loading...';
        $button.attr('disabled', true).text(loader);
        $.post('/api/send_email', {email: email}, function(data) {
            $msg.text(data.message);
            $button.attr('disabled', false).text('Send');
        });
    });
});
```

15. Coding legal.php

A screenshot of a code editor window titled "legal.php". The left sidebar shows a file tree with several PHP files and some log files. The main editor area displays the following code, which includes the code from the previous screenshot plus additional logic for handling the response from the API call:

```
$(function() {
    var $input = $('#email');
    var $button = $('#submit');
    var $msg = $('#msg');

    $button.click(function() {
        var email = $input.val();
        if (!email) {
            $msg.text('Email is required');
            return;
        }
        $msg.text('');
        var loader = ' Loading...';
        $button.attr('disabled', true).text(loader);
        $.post('/api/send_email', {email: email}, function(data) {
            $msg.text(data.message);
            $button.attr('disabled', false).text('Send');
        });
    });
});
```

```
class Visimisi {
    protected $db;
    protected $session;

    public function __construct($db) {
        $this->db = $db;
        $this->session = new Session();
    }

    public function insert($data) {
        $sql = "INSERT INTO visimisi (id, nama, alamat, telp, email, jenjang, kelas, status) VALUES (:id, :nama, :alamat, :telp, :email, :jenjang, :kelas, :status)";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $data['id'],
            ':nama' => $data['nama'],
            ':alamat' => $data['alamat'],
            ':telp' => $data['telp'],
            ':email' => $data['email'],
            ':jenjang' => $data['jenjang'],
            ':kelas' => $data['kelas'],
            ':status' => $data['status']
        ]);
    }

    public function update($id, $data) {
        $sql = "UPDATE visimisi SET nama=:nama, alamat=:alamat, telp=:telp, email=:email, jenjang=:jenjang, kelas=:kelas, status=:status WHERE id=:id";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $id,
            ':nama' => $data['nama'],
            ':alamat' => $data['alamat'],
            ':telp' => $data['telp'],
            ':email' => $data['email'],
            ':jenjang' => $data['jenjang'],
            ':kelas' => $data['kelas'],
            ':status' => $data['status']
        ]);
    }

    public function delete($id) {
        $sql = "DELETE FROM visimisi WHERE id=:id";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $id
        ]);
    }
}
```

16. Coding visimisi.php

```
class Visimisi {
    protected $db;
    protected $session;

    public function __construct($db) {
        $this->db = $db;
        $this->session = new Session();
    }

    public function insert($data) {
        $sql = "INSERT INTO visimisi (id, nama, alamat, telp, email, jenjang, kelas, status) VALUES (:id, :nama, :alamat, :telp, :email, :jenjang, :kelas, :status)";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $data['id'],
            ':nama' => $data['nama'],
            ':alamat' => $data['alamat'],
            ':telp' => $data['telp'],
            ':email' => $data['email'],
            ':jenjang' => $data['jenjang'],
            ':kelas' => $data['kelas'],
            ':status' => $data['status']
        ]);
    }

    public function update($id, $data) {
        $sql = "UPDATE visimisi SET nama=:nama, alamat=:alamat, telp=:telp, email=:email, jenjang=:jenjang, kelas=:kelas, status=:status WHERE id=:id";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $id,
            ':nama' => $data['nama'],
            ':alamat' => $data['alamat'],
            ':telp' => $data['telp'],
            ':email' => $data['email'],
            ':jenjang' => $data['jenjang'],
            ':kelas' => $data['kelas'],
            ':status' => $data['status']
        ]);
    }

    public function delete($id) {
        $sql = "DELETE FROM visimisi WHERE id=:id";
        $stmt = $this->db->prepare($sql);
        $stmt->execute([
            ':id' => $id
        ]);
    }
}

$visimisi = new Visimisi($db);
$visimisi->insert([
    'id' => 1,
    'nama' => 'Andi',
    'alamat' => 'Jl. Pahlawan No. 123',
    'telp' => '08123456789',
    'email' => 'andi@email.com',
    'jenjang' => 'SMA',
    'kelas' => 'XII',
    'status' => 'Aktif'
]);
$visimisi->update(1, [
    'id' => 1,
    'nama' => 'Budi',
    'alamat' => 'Jl. Pahlawan No. 123',
    'telp' => '08123456789',
    'email' => 'budi@email.com',
    'jenjang' => 'SMA',
    'kelas' => 'XII',
    'status' => 'Aktif'
]);
$visimisi->delete(1);
```

17. Coding about.php

The image shows a dual-monitor setup. Both monitors display the same content, which is a screenshot of a code editor window. The code editor has a dark theme and displays PHP code. The left monitor shows the full code block, while the right monitor shows a portion of it, likely due to the window being split horizontally.

```
$(function() {
    // Add a new row
    var $newRow = $( "#new-row" );
    $newRow.find( "input" ).val( "" );
    $newRow.find( "input" ).focus();
    $newRow.find( "input" ).on( "blur", function() {
        var value = $( this ).val();
        if ( value === "" ) {
            $newRow.remove();
        }
    });
    $newRow.on( "submit", function( event ) {
        event.preventDefault();
        var value = $( "#new-row input" ).val();
        if ( value === "" ) {
            return;
        }
        var $list = $( "#list" );
        var $item = $( "- " );
        $item.append( value );
        $list.append( $item );
        $newRow.remove();
    });
});

```