



**WEB-BASED INTERFACE DESIGN**

**(CSF3133)**

**LAB REPORT 4**

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GROUP : K4

PROGRAMME : BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING)  
WITH HONOURS

LECTURER'S NAME : ASSOC. PROF. TS. DR. WAN NURAL JAWAHIR

LAB MODERATOR'S NAME : MADAM WAN FATIN FATIHAH BINTI YAHYA

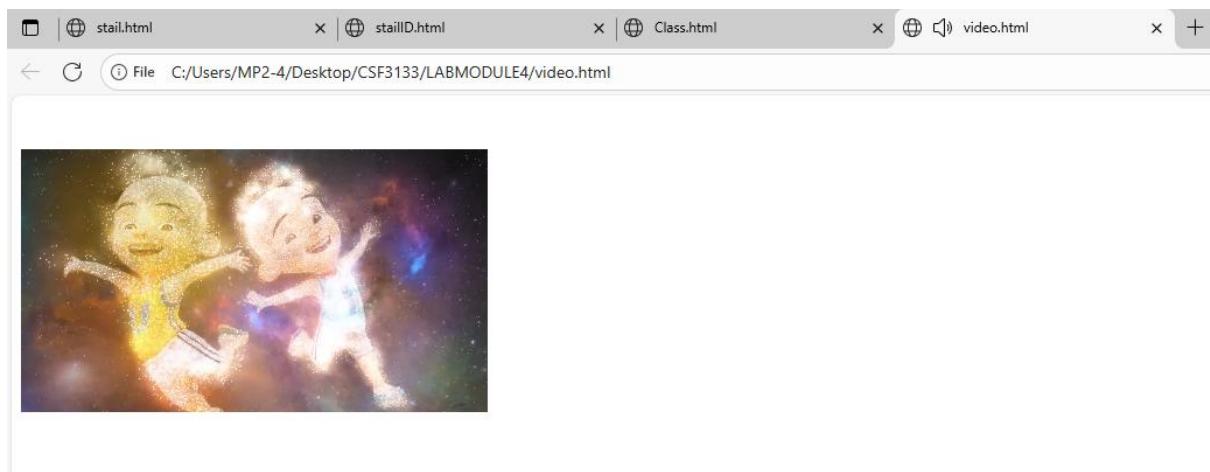
DATE : 12 NOVEMBER 2025

## 4.2 PAGE STRUCTURE ELEMENTS

The screenshot shows a web browser window with the following details:

- Header bar: Struktur Halaman, File, C:/Users/MP2-4/Desktop/CSF3133/LABMODULE4/structure.html
- Main content area:
  - Text: Ini adalah header. Gambar juga boleh diletakkan di sini.
  - Text: **Ini adalah seksyen 1.**
  - Text: **Ini adalah seksyen 2.**
  - Text: **Ini adalah seksyen 3.**
  - Text: Berikut adalah contoh penggunaan meter:
  - Image: A horizontal progress bar with a green filled segment.
  - Text: © Hakcipta terpelihara.  
Hubungi kami di [s75702@umt.edu.my](mailto:s75702@umt.edu.my).

### **4.3 INSERT VIDEO INTO HTML5 DOCUMENT**



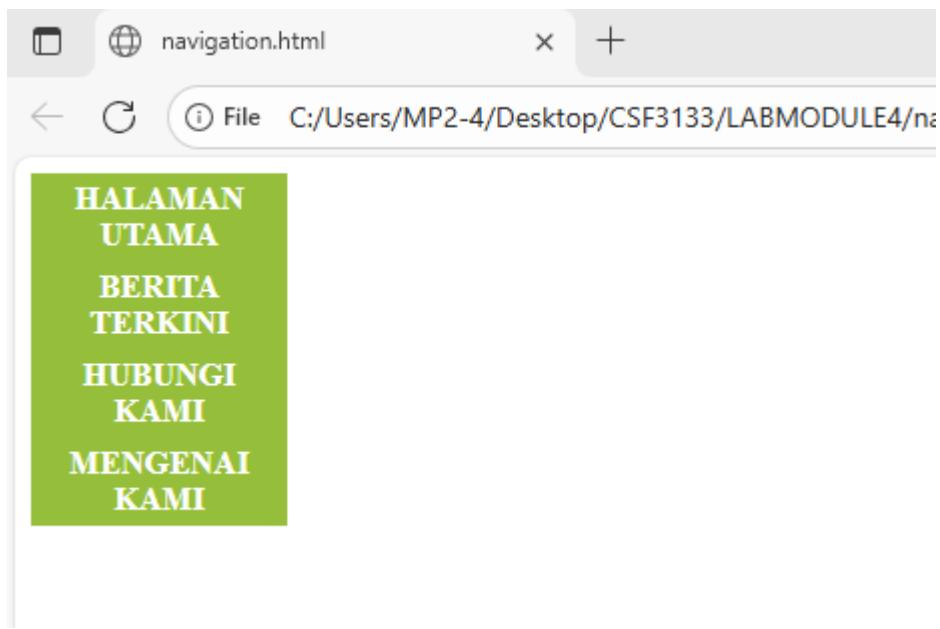
## **4.4 CASCADING STYLE SHEETS**



## **4.5 RECODNIZE ID AND SELECTOR CLASS**



#### **4.6 NAVIGATION BAR USING CSS**



## 4.7 RECOGNIZING TEXT DECORATION

The screenshot shows a web browser window titled "Teks.html". The address bar indicates the file is located at "C:/Users/MP2-4/Desktop/CSF3133/LABMODULE4/Teks.html". The page content displays the following text:

**This is heading 1**

**This is heading 2**

**This is heading 3**

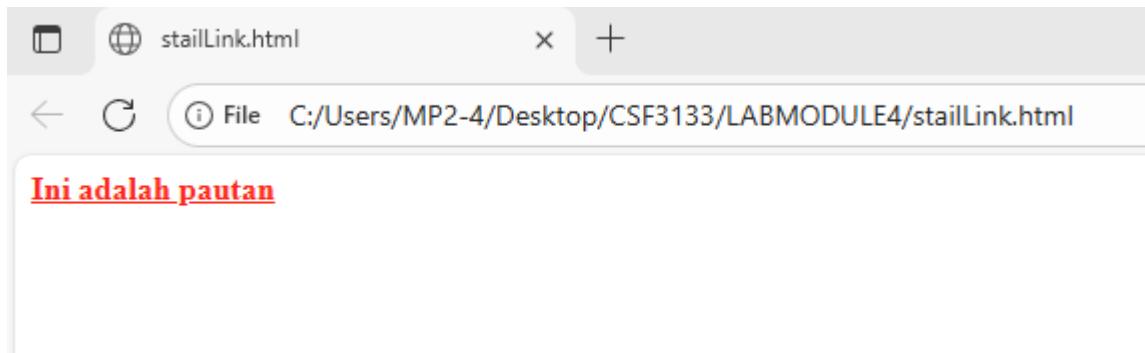
**This is heading 4**

**Note:** The "blink" value is not supported in IE, Chrome, or Safari.

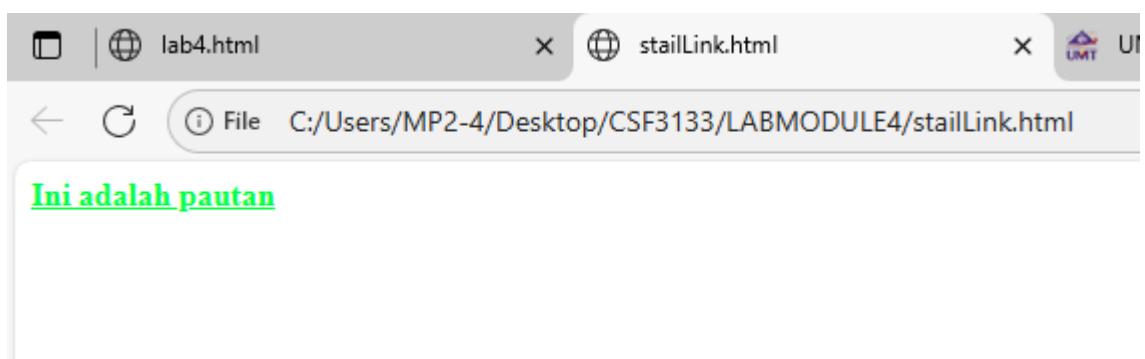
---

## 4.8 RECODNIZING STYLING LINKS

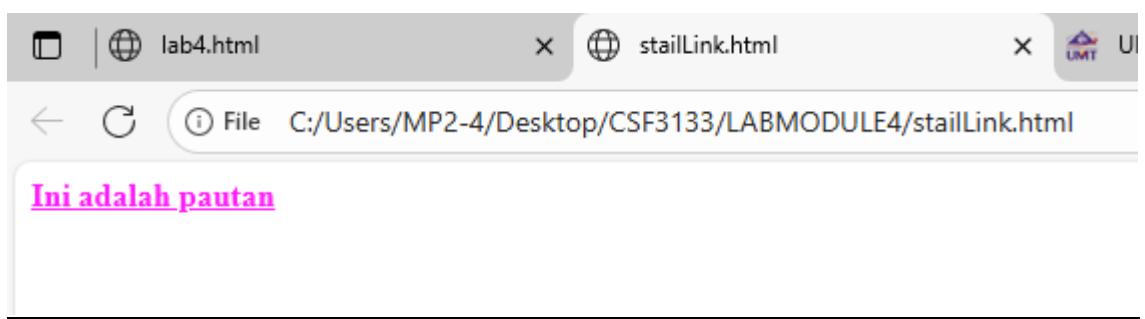
### UNVISITED LINK



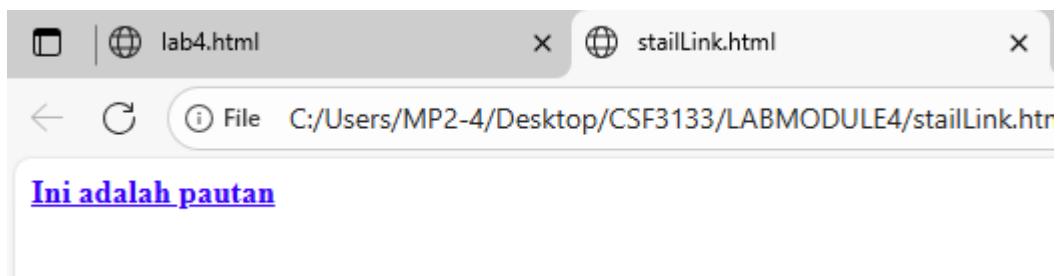
### VISITED LINK



### MOUSE OVER LINK



### SELECTED LINK



## 4.9 LAB EXERCISE

```
<!DOCTYPE html>
<html lang="ms">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>lab4.html</title>

<!-- Link ke External CSS -->
<link rel="stylesheet" href="Style.css">

<!-- Internal CSS -->
<style>
/* Internal CSS */
body {
    font-family: Arial, sans-serif;
    margin: 0;
    background-color: #f0f8ff;
}

/* Header */
header {
    background-color: #4CAF50;
    color: white;
    padding: 15px;
    text-align: center;
}

/* Navigation */
nav ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
}
nav li {
    float: left;
}

/* Main sections */
section {
    padding: 20px;
}
```

---

```
/* Footer */
footer {
    text-align: center;
    padding: 10px;
    margin-top: 20px;
    background-color: #333;
    color: white;
}
</style>
</head>

<body>

<header>
    <h1>Welcome to UMT's Website</h1>
</header>

<nav>
    <ul>
        <li><a href="#home">Main</a></li>
        <li><a href="#video">Video</a></li>
        <li><a href="#form">Form</a></li>
        <li><a href="#about">About</a></li>
    </ul>
</nav>

<section id="home">
    <h2>The Main Part</h2>
    <p>Lab Exercise 4.</p>
</section>

<section id="video">
    <h2>Video</h2>
    <video width="400" height="300" controls>
        <source src="umt.mp4" type="video/mp4">
        Pelayar anda tidak menyokong video.
    </video>
</section>
```

---

```
<section id="form">
  <h2>Information Form</h2>
  <form>
    <label>Name:</label>
    <input type="text" name="nama" required>

    <label>Email:</label>
    <input type="email" name="email" required>

    <label>Gender:</label>
    <input type="radio" name="gender" value="Male"> Male
    <input type="radio" name="gender" value="Female"> Female

    <label>Hobby:</label>
    <input type="checkbox" name="hobby" value="Reading"> Reading
    <input type="checkbox" name="hobby" value="Painting"> Painting
    <input type="checkbox" name="hobby" value="Swimming"> Swimming

    <input type="submit" value="Send">
  </form>
</section>

<footer>
  <p>&copy; 2025 Hakcipta Terpelihara | UMT</p>
  <address>Hubungi kami di <a href="mailto:s75702@umt.edu.my">s75702@umt.edu.my</a></address>
</footer>

</body>
</html>
```

---

```
/* External CSS - style.css */

/* Navigation link styling */
nav a {
    display: block;
    color: white;
    text-align: center;
    padding: 10px 16px;
    text-decoration: none;
    text-transform: uppercase;
    font-weight: bold;
    background-color: #98bf21;
}
nav a:hover {
    background-color: #7A991A;
}

/* Headings */
h1 { text-decoration: overline; }
h2 { text-decoration: underline; color: #4CAF50; }
h3 { text-decoration: line-through; color: #0077cc; }

/* Video */
video {
    display: block;
    margin: 10px auto;
    border: 3px solid #4CAF50;
    border-radius: 8px;
}
```

---

```
/* Form styling */
form {
    background-color: #f9f9f9;
    padding: 20px;
    border-radius: 10px;
    width: 300px;
    margin: auto;
    border: 1px solid #ccc;
}
label {
    display: block;
    margin-top: 10px;
}
input[type=text], input[type=email] {
    width: 100%;
    padding: 6px;
}
input[type=submit] {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 8px 12px;
    margin-top: 10px;
    cursor: pointer;
}
input[type=submit]:hover {
    background-color: #45a049;
}

/* Link states */
a:link { color:#FF0000; }          /* unvisited */
a:visited { color: #00AA00; }       /* visited */
a:hover { color: #FF00FF; }         /* hover */
a:active { color:#0000FF; }        /* active */

/* Responsive design */
@media (max-width: 600px) {
    nav ul li {
        float: none;
        text-align: center;
    }
    form, video {
        width: 90%;
    }
}
```

---

Screenshot of a web browser showing a website for UMT. The page title is "Welcome to UMT's Website". The menu bar includes "MAIN", "VIDEO", "FORM", and "ABOUT". A section titled "The Main Part" contains the text "Lab Exercise 4." and a link "Video" which points to an image of a road with buildings in the background. Below this is a "Information Form" section containing a form with fields for Name, Email, gender (Male/Female), hobbies (Reading/Painting/Swimming), and a "Send" button. At the bottom, there is a copyright notice: "© 2025 Hakcipta Terpelihara | UMT" and "Hubungi kami di s75702@umt.edu.my".

MAIN VIDEO FORM ABOUT

UNVISITED

MAIN VIDEO FORM ABOUT

VISITED

MAIN VIDEO FORM ABOUT

MOUSE OVER LINK

MAIN VIDEO FORM ABOUT

ACTIVE