



WebApp_Lab2_Report

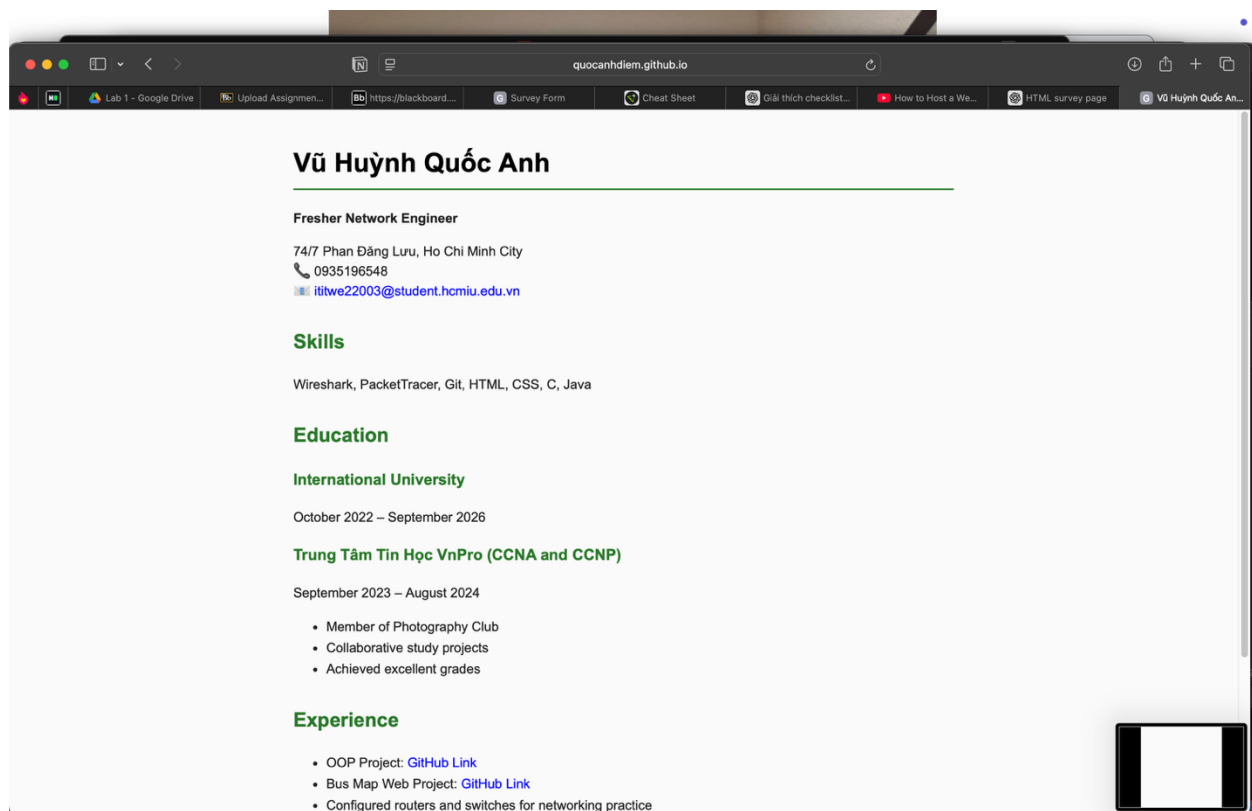
Name: Vũ Huỳnh Quốc Anh

ID: ITITWE22003

GITHUB: https://github.com/QuocAnhDiEm/WebApp_Lab2.git

EX 1

<https://quocanhdiem.github.io/CV-Demo/>



EX 2

```
index.html x
index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Survey Form</title>
7
8    <link
9      href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
10     rel="stylesheet">
11  <style>
12    body {
13      background-color: #f9fdfc;
14      font-family: Arial, sans-serif;
15      margin: 40px;
16    }
17    .survey-container {
18      background-color: white;
19      border: 1px solid #ccc;
20      border-radius: 10px;
21      padding: 30px;
22      max-width: 600px;
23      margin: auto;
24      box-shadow: 0px 4px 10px rgba(0,0,0,0.1);
25    }
26
27    h2, h5 {
28      color: #0056b3;
29    }
30
31    label {
32      color: #000;
33    }
34
35    .form-check-label {
36      color: #000;
37    }
38
39    .btn-success {
40      background-color: #0056b3;
```

```

41     border-color: #0056b3;
42 }
43 .btn-success:hover {
44     background-color: #00408f;
45     border-color: #00408f;
46 }
47 </style>
48 </head>
49 <body>
50
51 <div class="container p-4 bg-white shadow rounded mt-5">
52
53 <div class="text-center mb-3">
54     
55 </div>
56
57 <h2>Survey</h2>
58 <p>If you have a moment, we'd appreciate it if you would fill out this survey.</p>
59
60 <form id="surveyForm">
61
62     <h5>Your information:</h5>
63     <div class="mb-3">
64         <label for="fname" class="form-label">First Name</label>
65         <input type="text" class="form-control" id="fname" required>
66     </div>
67
68     <div class="mb-3">
69         <label for="lname" class="form-label">Last Name</label>
70         <input type="text" class="form-control" id="lname" required>
71     </div>
72
73     <div class="mb-3">
74         <label for="email" class="form-label">Email</label>
75         <input type="email" class="form-control" id="email" required>

```

```

76     </div>
77
78     <div class="mb-3">
79         <label for="dob" class="form-label">Date of Birth</label>
80         <input type="date" class="form-control" id="dob" required>
81     </div>
82
83     <h5>How did you hear about us?</h5>
84     <div class="mb-3">
85         <div class="form-check">
86             <input class="form-check-input" type="radio" name="source" id="search" value="search" required>
87             <label class="form-check-label" for="search">Search engine</label>
88         </div>
89         <div class="form-check">
90             <input class="form-check-input" type="radio" name="source" id="word" value="word">
91             <label class="form-check-label" for="word">Word of mouth</label>
92         </div>
93         <div class="form-check">
94             <input class="form-check-input" type="radio" name="source" id="social" value="social">
95             <label class="form-check-label" for="social">Social Media</label>
96         </div>
97         <div class="form-check">
98             <input class="form-check-input" type="radio" name="source" id="other" value="other">
99             <label class="form-check-label" for="other">Other</label>
100         </div>
101     </div>
102
103     <h5>Would you like to receive announcements about new CDs and special offers?</h5>
104     <div class="form-check">
105         <input class="form-check-input" type="checkbox" id="receive">
106         <label class="form-check-label" for="receive">YES, I'd like that.</label>
107     </div>
108
109     <div class="form-check">

```

```

110     <input class="form-check-input" type="checkbox" id="emailAnnouncements">
111     <label class="form-check-label" for="emailAnnouncements">
112         YES, please send me email announcements.
113     </label>
114 </div>
115
116 <div class="mb-3 mt-3">
117     <label for="contact" class="form-label">Please contact me by:</label>
118     <select class="form-select" id="contact" required>
119         <option>Email or postal mail</option>
120         <option>Email only</option>
121         <option>Postal mail only</option>
122     </select>
123 </div>
124
125 <button type="submit" class="btn btn-success">Submit</button>
126 </form>
127 </div>
128
129 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
130
131 <script>
132     document.getElementById("surveyForm").addEventListener("submit", function(event) {
133         event.preventDefault();
134
135         const data = {
136             fname: document.getElementById("fname").value,
137             lname: document.getElementById("lname").value,
138             email: document.getElementById("email").value,
139             dob: document.getElementById("dob").value,
140             source: document.querySelector('input[name="source"]:checked')?.value || "Not selected",
141             receive: document.getElementById("receive").checked ? "Yes" : "No",
142             emailAnnouncements: document.getElementById("emailAnnouncements").checked ? "Yes" : "No",
143             contact: document.getElementById("contact").value
144         };
145
146         localStorage.setItem("surveyResult", JSON.stringify(data));
147         window.location.href = "result.html";
148     });
149 </script>
150
151
152 </body>
153 </html>
154
155

```

result.html

```

<!DOCTYPE html>
<html lang="en">

```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-
width, initial-scale=1.0">
  <title>Survey Result</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/
dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      background-color: #f9fdfc;
      font-family: Arial, sans-serif;
      margin: 40px;
    }
    .result-container {
      background-color: white;
      border: 1px solid #ccc;
      border-radius: 10px;
      padding: 30px;
      max-width: 600px;
      margin: auto;
      box-shadow: 0px 4px 10px rgba(0,0,0,0.1);
    }
    h2 {
      color: #0056b3;
    }
  }
```

```
.label {
  font-weight: bold;
  color: #000;
}
</style>
</head>
<body>

<div class="result-container">
  <h2>Survey Result</h2>
  <div id="result"></div>
  <a href="survey.html" class="btn btn-primary
mt-3">Back to Survey</a>
</div>

<script>
  const data =
JSON.parse(localStorage.getItem('surveyResult'));

  if (data) {
    document.getElementById('result').innerHTML =
    ,
      <p><span class="label">First Name:</span>
${data.fname}</p>
      <p><span class="label">Last Name:</span>
${data.lname}</p>
      <p><span class="label">Email:</span>
${data.email}</p>
```

```
        <p><span class="label">Date of  
Birth:</span> ${data.dob}</p>  
        <p><span class="label">Heard about us  
via:</span> ${data.source}</p>  
        <p><span class="label">Wants offers:</span>  
${data.receive}</p>  
        <p><span class="label">Wants email  
announcements:</span>  
${data.emailAnnouncements}</p>  
        <p><span class="label">Contact  
method:</span> ${data.contact}</p>  
        `;  
    } else {  
        document.getElementById('result').innerHTML =  
            "<p>No survey data found. Please fill out  
the form first.</p>";  
    }  
</script>  
  
</body>  
</html>
```


The screenshot shows a web browser window with the address bar displaying '127.0.0.1'. The browser's tab bar includes 'Lab 1 - Google...', 'Upload Assign...', 'https://blackbo...', 'Survey Form', 'Cheat Sheet', 'Giải thích chec...', 'How to Host a...', 'HTML survey p...', 'Vũ Huỳnh Quốc...', and 'Survey Form'. The main content area displays a survey form with the following fields and options:

- Survey**
If you have a moment, we'd appreciate it if you would fill out this survey.
- Your information:**
- First Name:** VU
- Last Name:** ANH
- Email:** anh101hd8@gmail.com
- Date of Birth:** 10/19/2004
- How did you hear about us?**
 - ☐ Search engine
 - ☐ Word of mouth
 - ☒ Social Media
 - ☐ Other
- Would you like to receive announcements about new CDs and special offers?**
 - ☐ YES, I'd like that.
 - ☒ YES, please send me email announcements.
- Please contact me by:**
 - Postal mail only
- Submit**

The screenshot shows the same web browser window after clicking the 'Submit' button. The main content area displays a 'Survey Result' box with the following information:

- Survey Result**
- First Name:** VU
- Last Name:** ANH
- Email:** anh101hd8@gmail.com
- Date of Birth:** 2004-10-19
- Heard about us via:** social
- Wants offers:** No
- Wants email announcements:** Yes
- Contact method:** Postal mail only
- Back to Survey**

When you fill in the information and select it and click **submit**, it will go to the page displaying the results.

EX3

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-
width, initial-scale=1.0">
  <title>Flexbox 3-Column Layout</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <!-- Header section spans full width -->
  <header class="header">Header</header>

  <!-- Container Flexbox -->
  <div class="container">
    <aside class="sidebar sidebar-a">Sidebar
A</aside>

    <!-- Layout Structure -->
    <main class="main">Main content</main>
    <aside class="sidebar sidebar-b">Sidebar
B</aside>
  </div>

  <footer class="footer">Footer</footer> <!--
Footer -->
</body>
```

```
</html>
```

CSS

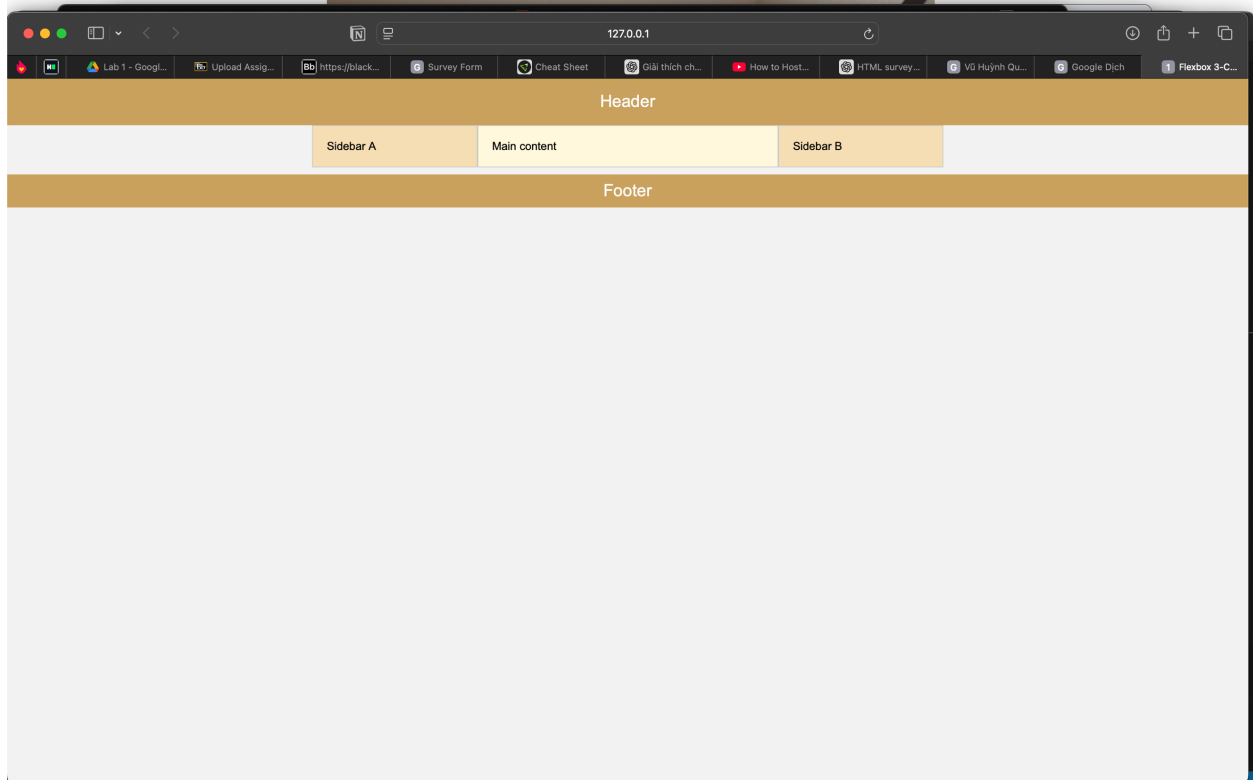
```
body {  
    font-family: Arial, sans-serif;  
    margin: 0;  
    padding: 0;  
    background-color: #f2f2f2;  
}  
  
/* Header full width*/  
.header, .footer {  
    background-color: #c9a25d;  
    color: white;  
    text-align: center;  
    padding: 20px 0;  
    font-size: 1.5em;  
}  
  
.container {  
    display: flex; /*Flexbox container*/  
    width: 900px; /* Fixed width layout */  
    margin: 0 auto;  
    background-color: #fff;  
}
```

```
/* 3 Columns Flex */
.sidebar, .main {
  padding: 20px;
  border: 1px solid #ccc;
}

/* Columns maintain proper proportions */
.sidebar-a {
  flex: 1;
  background-color: #f5deb3;
}
.main {
  flex: 2;
  background-color: #fff8dc;
}
.sidebar-b {
  flex: 1;
  background-color: #f5deb3;
}

/* Footer spans full width */
.footer {
  background-color: #c9a25d;
  color: white;
  text-align: center;
  padding: 10px;
  margin-top: 10px;
}
```

```
/* Proper CSS flexbox properties used */
@media (max-width: 768px) {
  .container {
    flex-direction: column;
    width: 100%;
  }
  .sidebar, .main {
    width: 100%;
  }
}
```



EX4

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-
width, initial-scale=1.0">
  <title>San Joaquin Valley Town Hall</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <!-- Header section with logo + title -->
  <header class="header">
    <div class="logo-box">
      
    </div>

    <div class="header-text">
      <h1>San Joaquin Valley Town Hall</h1> <!--
Logo/title displayed -->
      <p>Bringing cutting-edge speakers to the
valley</p>

    </div>
  </header>

  <!-- Main container using Flexbox for layout -->
```

```
<div class="container">
  <div class="main-content">
    <h2>This season's guest speakers</h2> <!--
Formatted properly -->
    <ul>
      <li>October: <strong>Lorem
Ipsum</strong></li>
      <li>November: <strong>Dolor
Sit</strong></li>
      <li>January: <strong>Amet
Consectetur</strong></li>
      <li>February: <strong>Adipiscing
Elit</strong></li>
      <li>March: <strong>Integer
Vitae</strong></li>
      <li>April: <strong>Ronan
Tynan</strong></li>
    </ul>

    <!-- "Looking for a unique gift?" section
present -->
    <h3>Looking for a unique gift?</h3>
    <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed non risus.
      Curabitur varius, quam in tristique
porttitor, ligula justo euismod magna,
```

```
        ac tincidunt metus felis non nulla. Nulla
        facilisi. Duis ac augue vel lectus pharetra
        varius.</p>
```

```
        <!-- Contact info included -->
        <p><em>Contact us by phone at (559) 555-1212
        for ticket information.</em></p>
    </div>
```

```
    <aside class="sidebar">
        <h3>Lecture notes</h3> <!-- Section present
        with details -->
        <h4>Event change for November</h4>
        <p>Lorem ipsum dolor sit amet, consectetur
        adipiscing elit. Phasellus
            id feugiat tortor. Nulla facilisi.</p>
        <h4>Lecture day, time, and location</h4>
        <p>All one-hour lectures are on the second
        Wednesday of the month beginning
            at 10:30 a.m. at William Saroyan Theatre,
        700 M Street, Fresno, CA.</p>
    </aside>
</div>
```

```
    <footer class="footer">
        <p>&copy; 2022 San Joaquin Valley Town
        Hall.</p>
    </footer>
```



```
</body>
</html>
```

```
/* ✓ Clean, organized CSS (2 pts)
   ✓ Semantic HTML used (1 pt)
*/
body {
    font-family: Arial, sans-serif;
    margin: 0;
    background-color: #fff8e7;
    color: #333;
}

/* ----- Header ----- */
/* ✓ Header implemented with background color,
typography (Styling - 4 pts total) */
.header {
    background-color: #f5b041;
    color: #4b2800;
    display: flex;
    align-items: center;
    padding: 10px 20px;
    border-bottom: 3px solid #c97e18;
}
```

```
.logo-box {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  background-color: #f4b041;  
  width: 80px;  
  height: 80px;  
  border-radius: 10px;  
}
```

```
.logo-img {  
  width: 60px;  
  height: auto;  
  border-radius: 5px;  
}
```

```
.logo-placeholder {  
  width: 70px;  
  height: 70px;  
  background-color: #f9d98a;  
  border: 2px solid #c97e18;  
  text-align: center;  
  line-height: 70px;  
  font-weight: bold;  
}
```

```
.header-text h1 {
```

```
    margin: 0;
    font-size: 1.6em;
}
.header-text p {
    margin: 5px 0 0;
    font-style: italic;
    font-size: 1em;
}

/* Flexbox for layout
   Two-column structure
*/
.container {
    display: flex;
    justify-content: space-between;
    width: 900px;
    margin: 20px auto;
    gap: 20px;
}

.main-content {
    flex: 2;
    background-color: #fff;
    padding: 15px;
    border: 1px solid #ccc;
}
.sidebar {
    flex: 1;
```

```
background-color: #fff6dc;
border: 1px solid #ccc;
padding: 15px;
}

/* Borders, spacing match design
   Color scheme
*/
h2, h3, h4 {
  color: #4b2800;
}
ul {
  list-style: none;
  padding-left: 0;
}
li {
  margin: 5px 0;
}
strong {
  color: #a94400;
}

.footer {
  text-align: center;
  background-color: #f5b041;
  color: #4b2800;
  padding: 10px 0;
  margin-top: 10px;
```

```
border-top: 2px solid #c97e18;
}

@media (max-width: 768px) {
  .container {
    flex-direction: column;
    width: 95%;
  }
}
```