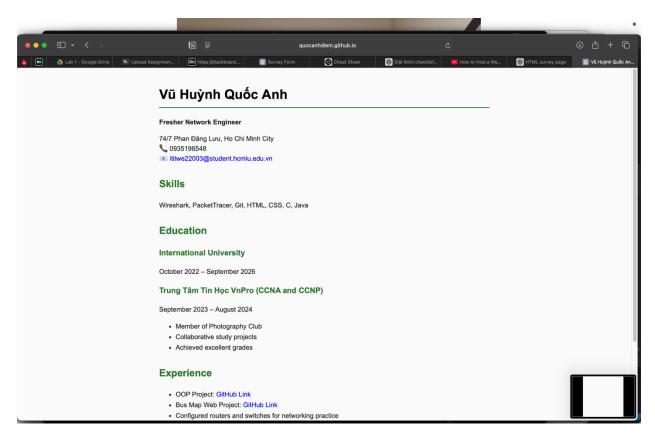# WebApp_Lab2_Report

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ID: ITITWE22003

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

EX 1

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

EX 2

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Survey Form</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;
  }
  .survey-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, h5 {
    color: #0056b3;
  }

  label {
    color: #000;
  }

  .form-check-label {
    color: #000;
  }

  .btn-success {
    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        <img src="iu-logo.png" alt="IU Logo" width="100">
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>
```

```html
      </div>

      <div class="mb-3">
        <label for="dob" class="form-label">Date of Birth</label>
        <input type="date" class="form-control" id="dob" required>
      </div>

      <h5>How did you hear about us?</h5>
      <div class="mb-3">
        <div class="form-check">
          <input class="form-check-input" type="radio" name="source" id="search" value="search" required>
          <label class="form-check-label" for="search">Search engine</label>
        </div>
        <div class="form-check">
          <input class="form-check-input" type="radio" name="source" id="word" value="word">
          <label class="form-check-label" for="word">Word of mouth</label>
        </div>
        <div class="form-check">
          <input class="form-check-input" type="radio" name="source" id="social" value="social">
          <label class="form-check-label" for="social">Social Media</label>
        </div>
        <div class="form-check">
          <input class="form-check-input" type="radio" name="source" id="other" value="other">
          <label class="form-check-label" for="other">Other</label>
        </div>
      </div>

      <h5>Would you like to receive announcements about new CDs and special offers?</h5>
      <div class="form-check">
        <input class="form-check-input" type="checkbox" id="receive">
        <label class="form-check-label" for="receive">YES, I'd like that.</label>
      </div>

      <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">
```

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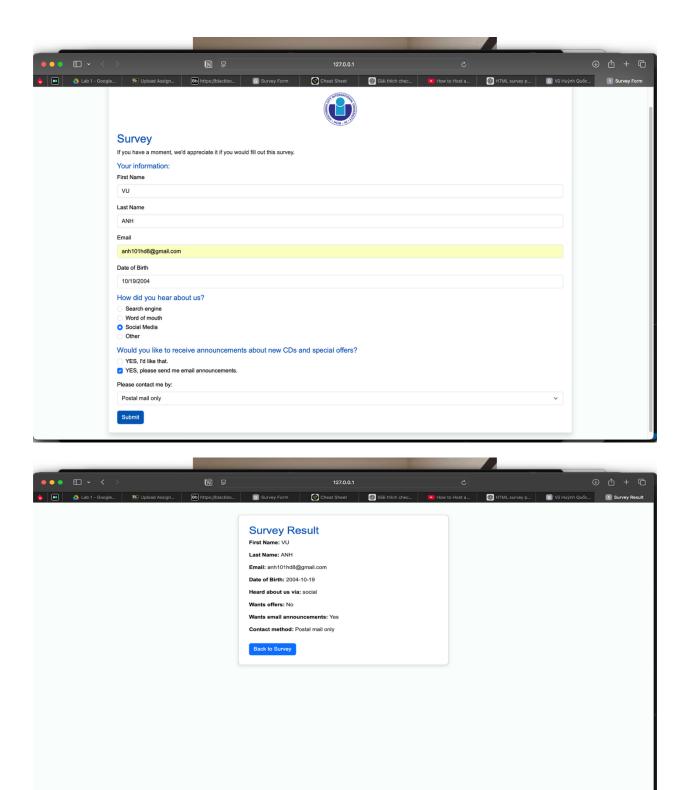
```html
    .label {
      font-weight: bold;
      color: #000;
    }
  </style>
</head>
<body>

  <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>
```

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

EX3

```html
<!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>
```
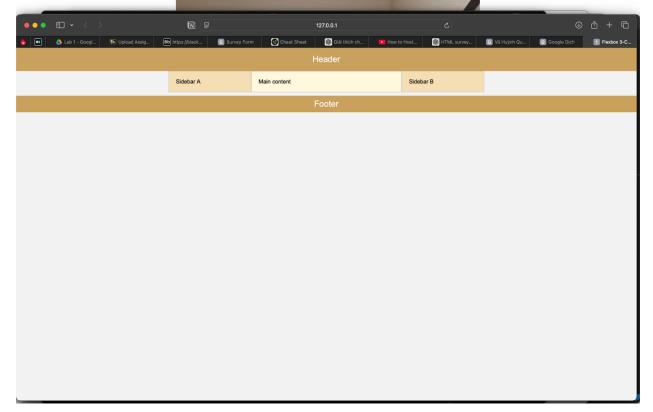
```
</html>
```

CSS

```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;
}
```

```css
/* 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;
}
```

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


EX4

```html
<!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">
        <img src="vietnam-flag.png" alt="Vietnam Flag" class="logo-img">
      </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 -->
```

```html
<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,
```

```html
          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>
```

```css
body {
    font-family: Arial, sans-serif;
    margin: 0;
    background-color: #fff8e7;
    color: #333;
  }

  /* Header implemented with background color,
typography */
  .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;
```

```css
  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 {
```

```css
  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;
}
```

```css
/* 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) {
```

```css
    .container {
        flex-direction: column;
        width: 95%;
    }
}
```