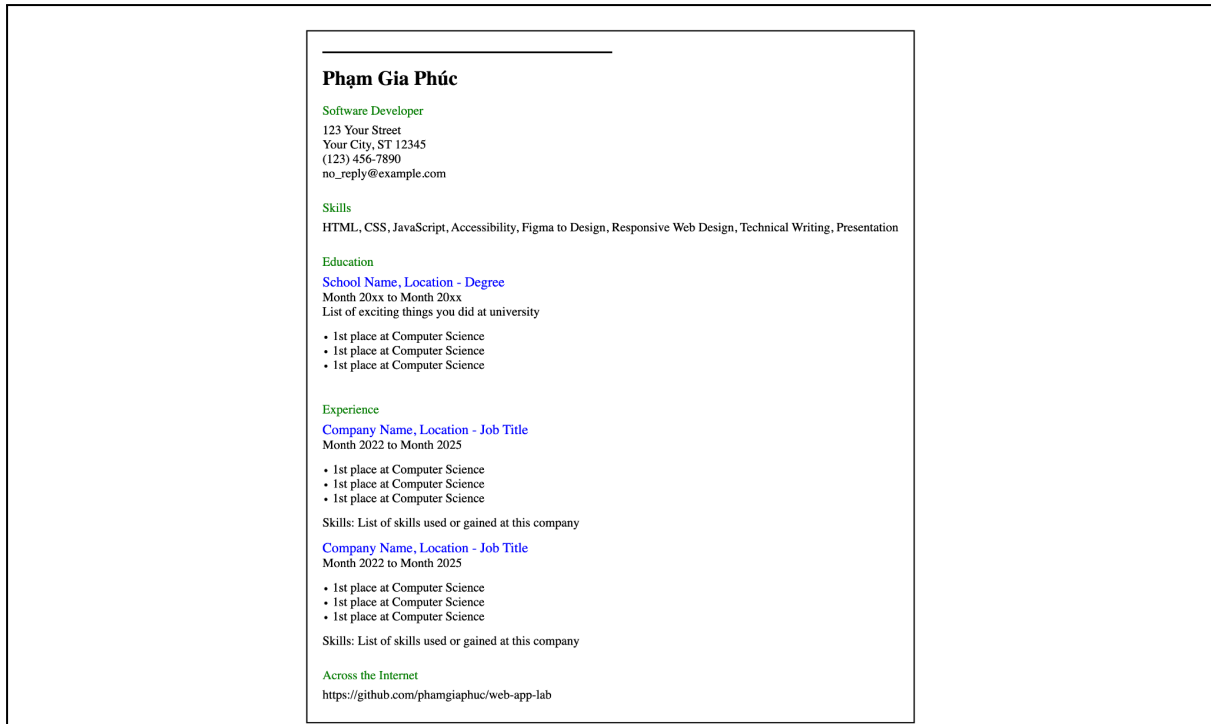


Name: Phạm Gia Phúc
ID: ITCSIU22178

Web App Development - Laboratory Lab 2

Ex 1:

- Deployment link: <https://phamgiaphuc.github.io/>
- Link to ex1: <https://phamgiaphuc.github.io/web-app-lab/lab2/ex1>
- Image:



Ex 2:

- Link to ex2: <https://phamgiaphuc.github.io/web-app-lab/lab2/ex2/>
- Code:
 - + index.html:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
    <title>Exercise 2 - Survey Form</title>
    <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.m
in.css" rel="stylesheet" />
    <link rel="stylesheet" href="./styles.css" />
```

```

</head>

<body>
  <main>
    <form>
      
      <section class="mb-3">
        <h2>Survey</h2>
        <p>If you have a moment, we'd appreciate it if you would fill
out this survey.</p>
      </section>
      <section>
        <h4>Your information:</h4>
        <table>
          <tr>
            <td><label for="fname" class="form-label">First
Name</label></td>
            <td><input size="30px" type="text" id="fname"
class="form-control" style="margin-left: 4px" /></td>
          </tr>
          <tr>
            <td><label for="lname" class="form-label">Last
Name</label></td>
            <td><input size="30px" type="text" id="lname"
class="form-control" style="margin-left: 4px" /></td>
          </tr>
          <tr>
            <td><label for="email"
class="form-label">Email</label></td>
            <td><input size="30px" type="email" id="email"
class="form-control" style="margin-left: 4px" /></td>
          </tr>
          <tr>
            <td><label for="dob" class="form-label">Date of
Birth</label></td>
            <td><input size="30px" type="date" id="dob"
class="form-control" style="margin-left: 4px" /></td>
          </tr>
        </table>
      </section>
    </form>
  </main>
</body>

```

```

        </table>
    </section>
    <section>
        <h4>How did you hear about us?</h4>
        <div style="display: flex; align-items: center; gap: 16px">
            <div class="form-check">
                <input class="form-check-input" type="radio" name="source"
id="search" />
                <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" />
                <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" />
                <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" />
                <label class="form-check-label" for="other">Other</label>
            </div>
        </div>
    </section>
    <section>
        <h4>Would you like to receive announcements about new CDs and
special offers?</h4>
        <div class="form-check">
            <input class="form-check-input" type="checkbox" id="like" />
            <label class="form-check-label" for="like">YES, I'd like
that.</label>
        </div>
    </section>

```

```

        <div class="form-check mb-3">
            <input class="form-check-input" type="checkbox"
id="emailann" />
            <label class="form-check-label" for="emailann"> YES, please
send me email announcements. </label>
        </div>
    </section>
    <section class="mb-4" style="display: flex; align-items: center;
gap: 8px">
        <label for="contact" class="form-label" style="white-space:
nowrap; font-weight: 400"
            >Please contact me by:</label>
        >
        <select id="contact" class="form-select" style="width: 250px">
            <option>Email or postal mail</option>
            <option>Email only</option>
            <option>Postal mail only</option>
        </select>
    </section>
    <button type="submit" class="btn btn-submit">Submit</button>
</form>
</main>
</body>
</html>

```

+ styles.css:


```

body {
    font-family: Arial, sans-serif;
    background-color: #ffffff;
}
main {
    max-width: 800px;
    margin: 40px auto;
    padding: 30px 40px;
    border: 1px solid #a6c8e0;
    border-radius: 4px;
}
h2 {

```

```
color: #008080;
font-weight: bold;
margin-bottom: 10px;
}
h4 {
color: #008080;
margin-top: 25px;
font-size: 1.3rem;
font-weight: 600;
}
.btn-submit {
background-color: #f5f5f5;
border: 1px solid #ccc;
padding: 6px 18px;
}
.btn-submit:hover {
background-color: #c6c6c6;
border: 1px solid #9a9a9a;
}
.form-label {
font-weight: 600;
}
```

- Image:



Survey


If you have a moment, we'd appreciate it if you would fill out this survey.

Your information:

First Name

Last Name

Email

Date of Birth 

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:

Ex3:

- Code:
 - + index.html:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>3-Column Flexbox Layout</title>
    <meta charset="utf-8" />
    <link rel="shortcut icon" href="images/favicon.ico" />
    <style>
      * {
        margin: 0;
        padding: 0;
      }
      html {
        background-color: #f0f0f0;
      }
      h2 {
        padding: 1em;
        text-align: center;
      }
      header,
      footer {
        background-color: lightsalmon;

```



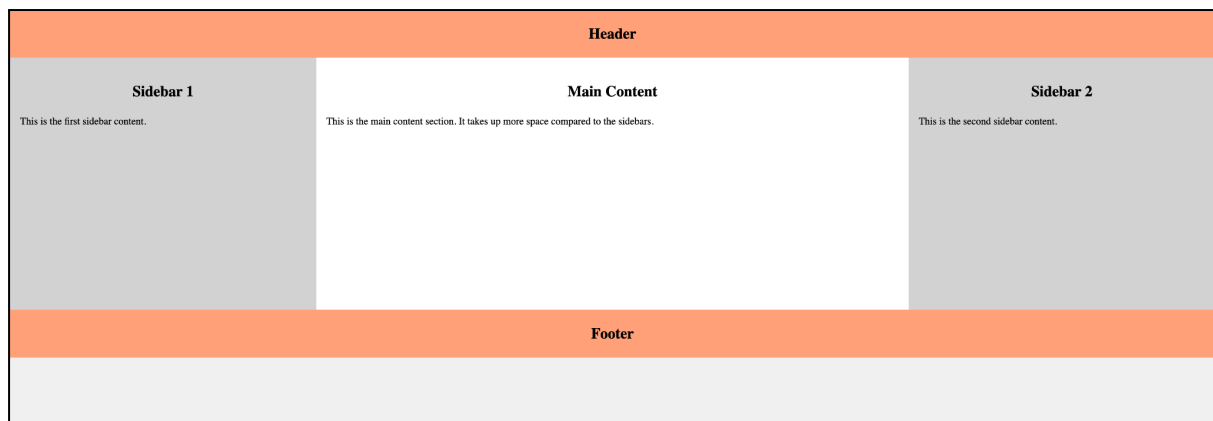
```

</footer>
</body>
</html>

```

→ Discussion: This layout uses CSS Flexbox to arrange two sidebars and a main content area in three columns. The `.container` is set to `display: flex`, aligning its children horizontally. Each sidebar has `flex: 1`, and the main area has `flex: 2`, so the main section is twice as wide as each sidebar. The header and footer stay full-width above and below the flex container, creating a simple, balanced three-column layout.

- Image:



Ex4:

- Code:

+ index.html:

```

<!DOCTYPE html>

<html lang="en">
  <head>
    <title>San Joaquin Valley Town Hall | speakers and lecture
notes</title>
    <meta charset="utf-8" />
    <link rel="shortcut icon" href="images/favicon.ico" />
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <header>
      
      <h2>San Joaquin Valley Town Hall</h2>
      <h3>Bringing cutting-edge speakers to the valley</h3>
    </header>
    <main>

```



```
<aside>
  <h2>Lecture notes</h2>
  <h3>Event change for November</h3>
  <p>
    SJV Town Hall is pleased to announce the addition of
award-winning author Andrew Ross Sorkin. The appearance
    of previously scheduled speaker, Greg Mortenson, has been
postponed.
  </p>

  <h3>Lecture day, time, and location</h3>
  <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>
<section>
  <h1>This season's guest speakers</h1>
  <nav>
    <ul>
      <li>October: <a class="date_passed" href="#">David
Brancaccio</a></li>
      <li>November: <a class="date_passed" href="#">Andrew Ross
Sorkin</a></li>
      <li>January: <a href="#">Amy Chua</a></li>
      <li>February: <a href="sampson.html">Scott Sampson</a></li>
      <li>March: <a href="#">Carlos Eire</a></li>
      <li>April: <a href="#">Ronan Tynan</a></li>
    </ul>
  </nav>
  <h2>Looking for a unique gift?</h2>
  <p>
    Town Hall has the answer. For only $100, you can get a book of
tickets for all of the remaining speakers. And
    the bargain includes a second book of tickets for a companion.
  </p>
</p>
```

```

    Or, for $50, you can give yourself the gift of our speakers,
and still get an extra ticket for a companion,
    but for just one of the events.
</p>
<p>See you at the next show?</p>

    <p id="contact_us"><em>Contact us by phone</em> at (559)
555-1212 for ticket information.</p>
    </section>
</main>
<footer>
    <p>&copy; Copyright 2022 San Joaquin Valley Town Hall.</p>
</footer>
</body>
</html>

```

+ styles.css:

```

body {
  display: flex;
  flex-direction: column;
}

img {
  float: left;
}

footer {
  display: flex;
  justify-content: end;
}

header > h2 {
  font-size: 32px;
  margin: 0;
  color: #b8860b
}

header > h3 {

```

```
margin: 8px 0 0 0;
font-style: italic;
}

header > img {
margin-right: 16px;
}

main {
border-width: 2px;
border-style: solid;
border-color: #b8860b;
padding: 0 16px 0 16px;
margin: 16px 0 0 0;
display: flex;
flex-direction: row-reverse;
gap: 16px
}

main aside {
flex: 1;
background-color: #FFEDD5;
margin: 16px;
padding: 16px;
}


main aside h3 {
color: red
}

main section {
flex: 2;
}

#contact_us > em {
font-weight: 800;
font-style: italic;
}
```

```
ul li:nth-child(1) a { color: red; font-weight: 800; }
ul li:nth-child(2) a { color: orange; font-weight: 800; }
ul li:nth-child(3) a { color: green; font-weight: 800;}
ul li:nth-child(4) a { color: blue; font-weight: 800; }
ul li:nth-child(5) a { color: purple; font-weight: 800; }
ul li:nth-child(6) a { color: brown; font-weight: 800;}
```

- Image:



San Joaquin Valley Town Hall
Bringing cutting-edge speakers to the valley

This season's guest speakers

- October: [David Brancaccio](#)
- November: [Andrew Ross Sorkin](#)
- January: [Amy Chua](#)
- February: [Scott Sampson](#)
- March: [Carlos Eire](#)
- April: [Roman Tynan](#)

Looking for a unique gift?

Town Hall has the answer. For only \$100, you can get a book of tickets for all of the remaining speakers. And the bargain includes a second book of tickets for a companion. Or, for \$50, you can give yourself the gift of our speakers, and still get an extra ticket for a companion, but for just one of the events.

See you at the next show?

Contact us by phone at (559) 555-1212 for ticket information.

Lecture notes

Event change for November

SJV Town Hall is pleased to announce the addition of award-winning author Andrew Ross Sorkin. The appearance of previously scheduled speaker, Greg Mortenson, has been postponed.

Lecture day, time, and location

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.

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