Lab Exercise: Responsive Layout

1. In this lab exercise, your task is to develop a responsive layout page within the existing web application project, 'myapp', which you have created in the previous lab exercise.

2. Provided below are the initial CSS settings for the responsive layout. You are required to incorporate these settings into an external CSS file within your current web application project structure. Please note that these settings are partial, and you will need to add additional CSS rules, such as media queries, to ensure the responsiveness of the website.

```css
[class*="col-"] {
    float: left;
    padding: 15px;
    width: 100%;
}

* {
    box-sizing: border-box;
}

.row::after {
    content: "";
    clear: both;
    display: table;
}

html {
    font-family: 'Fredoka', sans-serif;
}

.header {
    background-color: #9933cc;
    color: #ffffff;
    padding: 15px;
}

.menu ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
}

.menu li {
    padding: 8px;
    margin-bottom: 7px;
    background-color: #33b5e5;
    color: #ffffff;
```

```css
    box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0,
0.24);
}

.menu li:hover {
    background-color: #0099cc;
}

.aside {
    background-color: #33b5e5;
    padding: 15px;
    color: #ffffff;
    text-align: center;
    font-size: 14px;
    box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0,
0.24);
}

.footer {
    background-color: #0099cc;
    color: #ffffff;
    text-align: center;
    font-size: 12px;
    padding: 15px;
}
```

3. Next step is to convert this HTML structure into a Pug template. Remember to include the meta element in your Pug template to ensure the responsiveness of your web page.

```html
<div class="header">
        <h1>Chania</h1>
    </div>
    <div class="row">
        <div class="col-3 menu">
            <ul>
                <li>The Flight</li>
                <li>The City</li>
                <li>The Island</li>
                <li>The Food</li>
            </ul>
        </div>
        <div class="col-6">
            <h1>The City</h1>
            <p>Chania is the capital of the Chania region on the island of
                Crete. The city can be divided in two parts, the old town
and
    the modern city.</p>
        </div>
```

```
        <div class="col-3 right">
            <div class="aside">
                <h2>What?</h2>
                <p>Chania is a city on the island of Crete.</p>
                <h2>Where?</h2>
                <p>Crete is a Greek island in the Mediterranean Sea.</p>
                <h2>How?</h2>
                <p>You can reach Chania airport from all over Europe.</p>
            </div>
        </div>
    </div>
    <div class="footer">
        <p>Resize the browser window to see how the content respond to  the
resizing.</p>
    </div>
```

4. You have the freedom to choose the naming convention for your files. The expected outcome of this exercise is illustrated in the screenshot provided in the next page.

Chania

- The Flight
- The City
- The Island
- The Food

The City

Chania is the capital of the Chania region on the island of Crete. The city can be divided in two parts, the old town and the modern city.

What?

Chania is a city on the island of Crete.

Where?

Crete is a Greek island in the Mediterranean Sea.

How?

You can reach Chania airport from all over Europe.

Resize the browser window to see how the content respond to the resizing.

Chania

- The Flight
- The City
- The Island
- The Food

The City

Chania is the capital of the Chania region on the island of Crete. The city can be divided in two parts, the old town and the modern city.

What?

Chania is a city on the island of Crete.

Where?

Crete is a Greek island in the Mediterranean Sea.

How?

You can reach Chania airport from all over Europe.

Resize the browser window to see how the content respond to the resizing.