Building Lucky Shrub Web page

# Purpose

This document details how I built the Lucky Shrub web page as a portfolio assignment for the Coursera course – Meta Frontend Development. This is actually my second attempt at creating the webpage. The first attempt was too messy with respect to CSS since I had a terrible time laying out the elements exactly as I desired.

# Layout

I decided to use a grid layout for the overall page with the page having 5 rows and 6 columns as detailed below:

A screenshot of a computer

AI-generated content may be incorrect.

Row #1: The logo

Row #2: The nav bar

Row #3: Promotion

Row #4: The service description (heading+image+description)

Row #5: The footer

I will be using the following resources:

1. <https://www.w3schools.com/css/css_grid.asp>
2. Co-pilot
3. Course notes

# Initial Layout

The initial page appears as follows using the course instructions:

A screenshot of a computer

AI-generated content may be incorrect.

## HTML

## CSS

/\* shrub color: #26877F Primary Color\*/

/\* Mint Green #C8E6C9 Backgrounds/Sections \*/

/\* White #FFFFFF Text/Accemts \*/

/\* Lemon Lime #DCE775 Buttons/Highlights \*/

/\* Dark Green #33691E Headers/Borders \*/

/\* Light Blue #E1F5FE Backgrounds/Dividers \*/

body {

    background-color: #DCE775;

    font-family: 'Markazi Text', serif;

    margin-top: 3rem;

    margin-bottom: 3rem;

    margin-left: 5%;

    margin-right: 5%;

    display: grid;

    row-gap: 0.8rem;

}

h1 {

    font-size: 3rem;

}

h2 {

    font-size: 2rem;

}

header > img {

    display: block;

    margin-left: auto;

    margin-right: auto;

}

nav ul {

    list-style: none;

    text-align: center;

}

nav li {

    display: inline-block;

}

section {

    display: flex;

}

.promotion\_area {

    display: flex;

    text-align: center;

article {

    flex: 1;

}

footer {

    display: flex;

}

footer div {

    flex: 1;

}

co-pilot for suggestions (in the comments) for the colors I will use.

# Visual Layout Instructions

## Visual layout

When viewing the home page in the browser:

* Is it clear that this is a home page for one of the four fictional clients?
* Is the correct company logo at the top of the page?
* Is there a horizontal navigation menu with four links below the logo?
* Does one of the links in the navigation menu link to the home page itself?
* Does the main content contain a large promotional banner at the top and three columns below it, each containing an image and some text?
* Does the page have a footer that is split into two columns?
* Does the left column of the footer contain a small version of the client logo and the right column copyright text?

The course provided instruction on the initial html and css has all of the above – but does require additional CSS in order to get a better looking page.

## Semantic structure

When opening the HTML file in VS Code, does it contain:

* A header element for the logo?
* A nav element for the navigation menu?
* A main element for the content?
* A footer element for the footer?
* Appropriate usage of other semantic tags such as article and section in the content of the main element?

## CSS layout, styling and effects

When viewing the home page in the browser:

* Is the use of CSS styling effective?
* Is CSS used to create appropriate interactivity?

When opening the CSS file in VS code, ask yourself the following:

* Is it a grid or flexbox layout?
* Does it have the appropriate selectors to style elements?
* Does it specify any pseudo-classes to create interactivity on the home page?
* Are any animations or transition effects used? Do they improve the user experience or distract from it?

## Overall effect of the home page

* Does the home page create adequate interaction and a pleasing visual experience that is fitting for the client and its customers?
* Are CSS styling and effects used effectively to create intentional engagement?
* What works well?
* What advice can you give to improve the user experience, layout and visuals of the home page?

You'll also need to give feedback on and grade the assignments of two other learners using the same criteria.

# Adding grid layout

I will add my grid layout to the body (that is my top-level container) and place the logo, nav, service and footer in their respective rows and columns.

First I define my grid with 5 rows:

body {

    background-color: #DCE775;

    font-family: 'Markazi Text', serif;

    margin-top: 3rem;

    margin-bottom: 3rem;

    margin-left: 5%;

    margin-right: 5%;

    display: grid;

    row-gap: 0.8rem;

    grid-template-rows: repeat(6, 1fr);

    grid-template-columns: repeat(6, 1fr);

}

I actually specify 6 rows since I plan on the service area (h2+img+p) to take up 2fr.

    <header class="logo\_header">

        <img src="images/company\_logo.png" width="100" alt="Lucky Shrub Logo" id="logo">

    </header>

The goal was to place into the top row:

.logo\_header {

    grid-row-start: 1;

    grid-row-end: 1;

    grid-column-start: 1;

    grid-column-end: 6;

}