***CERA'S CERAMICS***

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**ACKNOWLEDGEMENT**

First of all, we would like to thank ALLAH the almighty who make us able to complete this project.

After that we would like to express profound gratitude to our internal project advisor, Center Senior Faculty, **Miss Ramsha**

, for his precious support, back-up, supervision and useful suggestions throughout this project. Her moral support and continuous help enabled us to complete our work successfully. We are also highly thankful to the ***Center Management*** for their valuable suggestions, healthy analysis and support throughout this project.

We are grateful to the faculty members of Aptech North Nazimabad Center who were always there to help us despite of their personal workload.

We are as ever, especially indebted to our parents for their love and support throughout our life. We also wish to thank our classmates, friends and all the individuals or groups that were involved in this project by any mean.

SYNOPSIS

With the rapid development of the internet, technology, and the growing ceramics market, every business needs a website to showcase products online.

The following Cera Ceramics products are designed with various styles, catering to all preferences and interior aesthetics, offering the most exquisite selections from Cera Ceramics.

Attached are detailed introductions behind each ceramic gift, making it the perfect choice for loved ones, colleagues, or home decor enthusiasts.

Cera Ceramics shares high-quality product images through the website for everyone to explore. However, purchases are not made directly on the website.

PROBLEM DEFINITION

Cera Ceramics is engaged in the business of manufacturing and selling premium ceramic products. Previously, they have been advertising through newspapers, pamphlets, and television. With the changing times and the increasing reliance on the internet, they have decided to establish an online presence to reach a broader audience. The website will feature comprehensive details about their ceramic collections.

Key challenges addressed:

* How should the sitemap be structured?
* What information should be displayed on each page?
* How can customer feedback be integrated effectively?
* How to provide users with the best browsing experience?
* How to ensure the website functions optimally according to system requirements?
* Will users be able to contact Cera Ceramics for inquiries or consultation?

**CUSTOMER REQUIREMENT SPECIFICATION (CRS)**

After discussions, the following requirements were established for the website:

* The Home Page should have a suitable logo and an elegant color scheme.
* The site should include a navigation menu with options like Products, Technology, Store Locator, Support, etc.
* Various pages should provide information on different ceramic product categories, the technology used in manufacturing, etc.
* The information should be categorized under different product lines, e.g., "LUXE," "ELEGANCE," etc.
* When a user selects a product line, a complete list of ceramic items under that category should be displayed.
* Details of each ceramic product should be available on dedicated pages, with downloadable or viewable individual product documents.
* A downloadable price list for all ceramic products should be accessible.
* A "Contact Us" page should include the addresses of stores selling Cera Ceramics products and an email link that opens the local mail client for direct inquiries. Store locations should be displayed using GeoLocation API (e.g., Google Maps).

**SCOPE OF WORK (IN BRIEF)**

The website is to be developed for the Windows Platform using HTML5, JavaScript, and Geolocation. The site should be compatible with all leading browsers, including Chrome, Edge, and Firefox.

The homepage should showcase best-selling items, special discounts, new collections, and more. Each section should direct users to relevant content for a seamless browsing experience.

WIREFRAMES

1. HOME PAGE (index.html)

PRODUCT 1

PRODUCT 3

PRODUCT 2

carousel-images

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

OUR PRODUCTS

PRODUCT 4

PRODUCT 6

PRODUCT 7

NEWS LATTER

NAME

BEDROOM

LIVING ROOM

KITCHEN

TERRACE

PORCHE

QUICK LINKS

INFO

CONTACT

LOCATION

CERA CERAMICS

EMAIL

1. ABOUT COMPANY PAGE. (about.html)

TEXT

WHY CHOOSE US

ABOUT US

TEXT

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

FOOTER

Same as first page

1. CATEGORIES. (Dop down).

**BOOK NOW**

**BOOK NOW**

**BOOK NOW**

**BOOK NOW**

**BOOK NOW**

**BOOK NOW**

Product 4

Product 5

Product 6

Product 3

Product 2

Product 1

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

FOOTER

Same as first page

NOTE: All product pages have the same design.

* Line up 01 .Wall Tiles.
* Bathroom Wall Tiles. (bathroomwalls.html)
* Kitchen Wall Tiles. (kitchenwalls.html)
* Outdoor Wall Tiles. (outdoorwall.html)
* Bedroom Wall Tiles. (bedroomwall.html)
* Living Wall Tiles. (livingwall.html)
* Commercial space Wall Tiles. (commercialwall.html)
* Line up 02. Floor Tiles.
* Bedroom Floor Tiles. (bedroomfloor.html)
* Bathroom Floor Tiles. (bathroomfloor.html)
* Kitchen Floor Tiles. (kitchenfloor.html)
* Outdoor Floor Tiles. (outdoorfloor.html)
* Living Floor Tiles. (livingfloor.html)
* Commercial space Floor Tiles. (commercialwall.html)
* Line up 03. Special Tiles.
* Germ free Tiles. (germfree.html)
* Tac Tiles. (tac.html)
* Anti Static Tiles. (antistatic.html)
* Cool Roof Tiles. (coolroof.html)

1. EXPERTS. (expert.html)

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

Latest Blogs

Blogs links =>

Educational video

video

Tile Guide

Text

Tile calculator

Enter value

Calculate

FOOTER

Same as first page

4.1 Blog page #1

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

Text

Text

Blog Video

Text

FOOTER

Same as first page

4.2 Blog page #2

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

Text

Text

Blog Video

Text

FOOTER

Same as first page

1. CAMPARISON. ( compare.html).

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

Compare Tiles

Category 1 ⌄

Category 2 ⌄

Compare button

Tile Area Calculator

Calculate Button

Enter Room area in (sq.ft)

Tile Inspiration Gallery

Product 2

Product 3

Product 1

Product 5

Product 6

Product 4

FOOTER

Same as first page

1. Contact us. ( contact.html)

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

Stores

Search By Location

Select ⌄

Province

City

Select ⌄

Town/Area

Select ⌄

Search Store

Email us Page Button

FOOTER

Same as first page

1. Email us. (email.html)

FOOTER

Same as first page

Submit Button

Contact Us

Your Message

Email

Name

Cera

Ceramics HOME ABOUT COMPANY CATEGORIES EXPERTS NEWS & UPDATES COMPARISON CONTACT US

# **Code Snippets**

1.HOME PAGE.

1. HTML Structure

The HTML file consists of multiple sections:

1.1 Head Section

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="style.css">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">

<title>Cera's</title>

</head>

Explanation:

Declares document type and language.

Sets viewport for responsiveness.

Links external stylesheet and Font Awesome for icons.

1.2 Popup Overlay

<div id="popupoverlay" class="overlay">

<div class="popup">

<h2>Welcome to Cera's Ceramics</h2>

<p>“Transform Your Space Today! Get an exclusive 10% OFF on your first purchase...”</p>

<button id="closepopup">Close</button>

</div>

</div>

Functionality:

Displays a promotional popup.

Can be closed with a button.

1.3 Navbar with Dropdown

<div class="navbar">

<div class="logo">

<img src="logo.png" alt="Cera's Logo">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <i class="fa-solid fa-chevron-down"></i></a>

<div class="dropdown-content">

<div class="sub-dropdown">

<a href="#">Wall Tiles <i class="fa-solid fa-chevron-right"></i></a>

<div class="sub-dropdown-content">

<a href="bathroomwalls.html">Bathroom wall tiles</a>

<a href="kitchenwalls.html">Kitchen wall tiles</a>

</div>

</div>

</div>

</li>

</ul>

</div>

Explanation:

Implements a responsive navbar.

Uses nested dropdowns for categories.

1.4 Image Carousel

<div class="carousel">

<div class="carousel-images">

<img src="room.jpg" alt="Image 1">

<img src="living.jpg" alt="Image 2">

</div>

<button class="prev" onclick="prevSlide()">&#10094;</button>

<button class="next" onclick="nextSlide()">&#10095;</button>

</div>

Functionality:

Displays a sliding image gallery.

Uses JavaScript for slide navigation.

1.5 Product Grid

<div class="container">

<div class="card">

<img src="product1.jpg" alt="Bathroom">

<h3>Bathroom</h3>

</div>

<div class="card">

<img src="product2.jpg" alt="Kitchen">

<h3>Kitchen</h3>

</div>

</div>

Explanation:

Displays products in a grid.

Uses CSS animations for visibility.

1.6 Footer

<footer class="footer">

<div class="footer-content">

<h2>Cera's Ceramics</h2>

<p>Contact: info@ceraceramics.com</p>

</div>

</footer>

Functionality:

Displays company information and contact details.

2. JavaScript Functionality

2.1 Popup Activation

document.addEventListener("DOMContentLoaded", function() {

setTimeout(function() {

document.getElementById("popupoverlay").classList.add("active");

}, 1000);

document.getElementById("closepopup").addEventListener("click", function() {

document.getElementById("popupoverlay").classList.remove("active");

});

});

Explanation:

Displays popup after 1 second.

Adds a click event to close the popup.

2.2 Carousel Navigation

let currentIndex = 0;

const slides = document.querySelector(".carousel-images");

const totalSlides = slides.children.length;

function updateCarousel() {

slides.style.transform = `translateX(${-currentIndex \* 100}%)`;

}

function nextSlide() {

currentIndex = (currentIndex + 1) % totalSlides;

updateCarousel();

}

function prevSlide() {

currentIndex = (currentIndex - 1 + totalSlides) % totalSlides;

updateCarousel();

}

setInterval(nextSlide, 5000);

Functionality:

Implements carousel image transitions.

Cycles images every 5 seconds.

2.3 Product Card Animation

document.addEventListener("DOMContentLoaded", () => {

const cards = document.querySelectorAll('.card');

const observer = new IntersectionObserver(entries => {

entries.forEach(entry => {

if (entry.isIntersecting) {

setTimeout(() => {

entry.target.classList.add('visible');

}, Array.from(cards).indexOf(entry.target) \* 500);

}

});

}, { threshold: 0.2 });

cards.forEach(card => observer.observe(card));

});

Functionality:

Adds scroll-based animations to product cards.

3. CSS Styling Highlights

3.1 Navbar Styling

.navbar {

display: flex;

justify-content: space-between;

background-color: #333;

padding: 15px;

}

.navbar ul {

display: flex;

list-style: none;

}

.navbar a {

color: white;

padding: 10px;

}

3.2 Carousel Styling

.carousel {

position: relative;

overflow: hidden;

max-width: 100%;

}

.carousel-images {

display: flex;

transition: transform 0.5s ease;

}

3.3 Product Cards Styling

.container {

display: grid;

grid-template-columns: repeat(3, 1fr);

gap: 20px;

}

.card {

opacity: 0;

transform: translateY(20px);

transition: all 0.5s ease;

}

.card.visible {

opacity: 1;

transform: translateY(0);

2 ABOUT US PAGE. (about.html)

1. HTML Structure

The page is divided into three main sections:

1.1 Navigation Bar

The navigation bar includes a logo, menu links, and a search bar. It is designed to be sticky for easy access.

<div class="navbar">

<div class="logo">

<img src="logo.png" alt="Cera's Ceramics Logo">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>

<div class="dropdown-content">

<div class="sub-dropdown">

<a href="#">Wall Tiles <i class="fa-solid fa-chevron-right"></i></a>

<div class="sub-dropdown-content">

<a href="bathroomwalls.html">Bathroom</a>

<a href="kitchenwalls.html">Kitchen</a>

</div>

</div>

</div>

</li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="Search">

<button>Search</button>

</div>

</div>

1.2 About Us Section

The About Us section provides an introduction to the company, highlighting its offerings and uniqueness.

<section class="about-us">

<div class="container">

<h1>ABOUT US</h1>

<p>Welcome to <strong>Cera's Ceramics</strong>, your trusted destination for high-quality tiles designed to elevate your space.</p>

<h2>Why Choose Us?</h2>

<ul>

<li><strong>Exceptional Quality:</strong> Durable and stylish tiles.</li>

<li><strong>Unique Designs:</strong> Modern and classic options.</li>

<li><strong>Affordable Luxury:</strong> High-end tiles at competitive prices.</li>

</ul>

</div>

</section>

1.3 Footer

The footer contains company details, quick links, and a newsletter subscription form.

<footer class="footer">

<div class="footer-content">

<div class="footer-logo">

<h2>Cera's Ceramics</h2>

<address>Aptech NN2, Karachi | Phone: +92 42 111-646-646</address>

</div>

<div class="footer-links">

<h3>Quick Links</h3>

<ul>

<li><a href="#">Bedroom</a></li>

<li><a href="#">Living Room</a></li>

</ul>

</div>

<div class="footer-newsletter">

<h3>Newsletter</h3>

<form>

<input type="text" placeholder="Name" required>

<input type="email" placeholder="Email" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

</footer>

2. CSS Styling

The following CSS is used for styling the page:

2.1 Navigation Bar Styling

.navbar {

display: flex;

justify-content: space-between;

align-items: center;

background-color: navy;

padding: 10px 20px;

color: white;

position: sticky;

top: 0;

z-index: 1000;

}

.navbar ul {

display: flex;

list-style: none;

margin: 0;

padding: 0;

}

.navbar ul li {

margin: 0 15px;

}

.navbar ul li a {

color: white;

text-decoration: none;

}

.navbar .search-container input {

padding: 5px 10px;

border-radius: 4px;

}

2.2 About Section Styling

.about-us {

padding: 40px 20px;

}

.about-us h1, .about-us h2 {

background-color: navy;

color: white;

padding: 15px;

text-align: center;

}

.about-us ul {

list-style: none;

padding-left: 20px;

}

.about-us ul li {

margin-bottom: 10px;

font-size: 1.1em;

}

2.3 Footer Styling

.footer {

background-color: navy;

color: white;

padding: 20px 0;

}

.footer-content {

display: flex;

justify-content: space-between;

max-width: 1200px;

margin: 0 auto;

}

.footer-links ul {

list-style: none;

}

.footer-links ul li a {

color: white;

text-decoration: none;

}

.footer-newsletter input, .footer-newsletter button {

padding: 8px;

border-radius: 4px;

}

3. JavaScript Functionality

This JavaScript snippet toggles dropdown visibility in the navbar:

document.querySelectorAll('.dropdown').forEach(dropdown => {

dropdown.addEventListener('mouseover', () => {

dropdown.querySelector('.dropdown-content').style.display = 'block';

});

dropdown.addEventListener('mouseleave', () => {

dropdown.querySelector('.dropdown-content').style.display = 'none';

});

});

**3. CATEGORIES. (Dropdown).**

**1. HTML Structure**

* The outermost <li class="dropdown"> acts as the main dropdown container.
* Inside, an <a> element represents the main category (e.g., "Categories").
* A <div class="dropdown-content"> contains multiple sub-dropdowns for different tile types.
* Each **sub-dropdown** has another <a> tag for the category (e.g., "Wall Tiles") and a nested <div class="sub-dropdown-content"> containing further subcategories.

**2. CSS Styling**

**Dropdown Display & Positioning**

.dropdown {

position: relative;

display: inline-block;

}

* Ensures the dropdown aligns properly within a navigation bar.

.dropdown-content {

display: none;

position: absolute;

background-color: navy;

min-width: 200px;

box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.2);

z-index: 2;

}

* **Initially hidden (display: none;)** and appears when hovered.
* position: absolute; places it right below the parent.
* background-color: navy; gives a dark blue background.
* box-shadow creates a slight elevation effect.

**Hover Effect**

.dropdown:hover .dropdown-content {

display: block;

}

* When hovering over the .dropdown, the .dropdown-content appears.

**Sub-Dropdown (Second-Level Menu)**

css

.sub-dropdown-content {

display: none;

position: absolute;

left: 100%;

top: 0;

background-color: navy;

min-width: 200px;

box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.2);

z-index: 2;

}

.sub-dropdown:hover .sub-dropdown-content {

display: block;

}

* Appears **beside the parent** (left: 100%;).
* It **only appears when hovered** over the parent .sub-dropdown.

**Arrow Animations**

css

.fas {

transition: transform 0.3s ease;

}

.dropdown:hover .fas {

transform: rotate(180deg);

}

* Smooth **rotation effect on hover** for dropdown arrows.

**3. JavaScript (Optional for Click-based Dropdown)**

js

document.addEventListener("DOMContentLoaded", function () {

document.querySelectorAll(".dropdown > a").forEach(dropdown => {

dropdown.addEventListener("click", function (event) {

event.preventDefault();

let content = this.nextElementSibling;

content.style.display = content.style.display === "block" ? "none" : "block";

});

});

});

* Prevents the default <a> behavior (page refresh).
* Toggles the **dropdown content visibility** on click

**4.DROP DOWN PAGES**

**1. HTML Structure**

**The page is divided into the following sections:**

1. **Navbar - Navigation menu with dropdowns for different tile categories.**
2. **Product Cards - Display of commercial floor tile products.**
3. **Product Modal - Popup modal for detailed product view.**
4. **Footer - Company information and quick links.**

**Code Breakdown**

**1.2 Navbar (Navigation Menu)**

**<div class="navbar">**

**<div class="logo">**

**<img src="Picsart\_25-01-28\_20-48-35-630 (1).png" alt="Company Logo">**

**</div>**

**<ul>**

**<li><a href="index.html">Home</a></li>**

**<li><a href="about.html">About Company</a></li>**

**<li class="dropdown">**

**<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>**

**<div class="dropdown-content">**

**<div class="sub-dropdown">**

**<a href="#">Wall Tiles <span class="arrow"><i class="fa-solid fa-chevron-right"></i></span></a>**

**<div class="sub-dropdown-content">**

**<a href="bathroomwalls.html">Bathroom</a>**

**<a href="kitchenwalls.html">Kitchen</a>**

**<a href="outdoorwall.html">Outdoor</a>**

**</div>**

**</div>**

**</div>**

**</li>**

**<li><a href="contact.html">Contact Us</a></li>**

**</ul>**

**</div>**

**Explanation:**

* **Uses an unordered list (<ul>) for navigation links.**
* **Dropdown menus for tile categories with nested <div> elements.**
* **FontAwesome icons are used for dropdown arrows.**

**1.2 Product Cards**

**<div class="cards-container">**

**<div class="card" onclick="openModal(this)">**

**<img src="commercialfloor1.jpg" alt="Product Image">**

**<h3>Durable Commercial Flooring</h3>**

**<p>Scratch-resistant tiles designed for high-traffic areas.</p>**

**<p>$49.99</p>**

**<button onclick="event.stopPropagation(); window.location.href='booknow.html'">Book Now</button>**

**</div>**

**</div>**

**Explanation:**

* **Each card represents a product with an image, title, description, and price.**
* **onclick="openModal(this)" triggers the modal when the card is clicked.**
* **event.stopPropagation(); prevents the modal from opening when clicking "Book Now".**

**1.3 Modal Popup for Product Details**

**<div class="modal" id="productModal">**

**<div class="modal-content">**

**<button class="close-btn" onclick="closeModal()">&times;</button>**

**<img id="modalImage" src="" alt="Product Image">**

**<h3 id="modalTitle"></h3>**

**<p id="modalDescription"></p>**

**<p id="modalPrice"></p>**

**<button onclick="window.location.href='booknow.html'">Book Now</button>**

**</div>**

**</div>**

**Explanation:**

* **Initially hidden modal (display: none; in CSS) for detailed product view.**
* **Dynamically updates content using JavaScript when a card is clicked.**

**1.4 Footer**

**<footer class="footer">**

**<div class="footer-content">**

**<div class="footer-logo">**

**<h2>Cera's Ceramics</h2>**

**<address>**

**Karachi, Pakistan<br>**

**Phone: +92 (42)111-646-646<br>**

**Email: info@ceraceramics.com**

**</address>**

**</div>**

**</div>**

**</footer>**

**Explanation:**

* **Displays company contact information and quick links.**
* **Uses <address> for structured location details.**

**2. JavaScript Functionality**

**2.1 Open Modal Function**

**function openModal(card) {**

**let modal = document.getElementById("productModal");**

**document.getElementById("modalImage").src = card.querySelector("img").src;**

**document.getElementById("modalTitle").textContent = card.querySelector("h3").textContent;**

**document.getElementById("modalDescription").textContent = card.querySelector("p").textContent;**

**document.getElementById("modalPrice").textContent = card.querySelectorAll("p")[1].textContent;**

**modal.style.display = "flex";**

**}**

**Explanation:**

* **Extracts product details from the clicked card.**
* **Updates modal content dynamically.**
* **Displays modal using display: flex;.**

**2.2 Close Modal Function**

**function closeModal() {**

**document.getElementById("productModal").style.display = "none";**

**}**

**Explanation:**

* **Hides the modal by changing display to none.**

**2.3 Close Modal When Clicking Outside**

**window.onclick = function(event) {**

**let modal = document.getElementById("productModal");**

**if (event.target === modal) {**

**modal.style.display = "none";**

**}**

**};**

**Explanation:**

* **Closes the modal when clicking outside of it.**

**3. CSS Styling**

**.navbar {**

**display: flex;**

**justify-content: space-between;**

**align-items: center;**

**background-color: #333;**

**padding: 10px 20px;**

**}**

**.cards-container {**

**display: grid;**

**grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));**

**gap: 20px;**

**padding: 20px;**

**}**

**.modal {**

**display: none;**

**position: fixed;**

**top: 0;**

**left: 0;**

**width: 100%;**

**height: 100%;**

**background: rgba(0, 0, 0, 0.5);**

**justify-content: center;**

**align-items: center;**

**}**

**.modal-content {**

**background: #fff;**

**padding: 20px;**

**border-radius: 10px;**

**text-align: center;**

**}**

**Explanation:**

* **.navbar: Styles the top navigation bar.**
* **.cards-container: Creates a responsive grid layout.**
* **.modal: Centers modal on the screen with a dark overlay.**
* **.modal-content: Styles modal box with padding and rounded corners.**

**5.BOOK NOW PAGE. (booknow.html)**

**1. HTML Structure**

**The page is divided into the following sections:**

1. **Navbar - Navigation menu with dropdowns for different tile categories.**
2. **Booking Form - User inputs for booking tiles.**
3. **Footer - Company information and quick links.**

**Code Breakdown**

**1.1 Navbar (Navigation Menu)**

**<div class="navbar">**

**<div class="logo">**

**<img src="Picsart\_25-01-28\_20-48-35-630 (1).png" alt="Company Logo">**

**</div>**

**<ul>**

**<li><a href="index.html">Home</a></li>**

**<li><a href="about.html">About Company</a></li>**

**<li class="dropdown">**

**<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>**

**<div class="dropdown-content">**

**<div class="sub-dropdown">**

**<a href="#">Wall Tiles <span class="arrow"><i class="fa-solid fa-chevron-right"></i></span></a>**

**<div class="sub-dropdown-content">**

**<a href="bathroomwalls.html">Bathroom</a>**

**<a href="kitchenwalls.html">Kitchen</a>**

**<a href="outdoorwall.html">Outdoor</a>**

**</div>**

**</div>**

**</div>**

**</li>**

**<li><a href="contact.html">Contact Us</a></li>**

**</ul>**

**</div>**

**Explanation:**

* **Uses an unordered list (<ul>) for navigation links.**
* **Dropdown menus for tile categories with nested <div> elements.**
* **FontAwesome icons are used for dropdown arrows.**

**1.2 Booking Form**

**<div class="booking-container">**

**<h1>Book Now</h1>**

**<p>Please enter your details below:</p>**

**<form id="tileCalculator" class="booking-form">**

**<label for="name">Enter your name</label>**

**<input type="text" id="name" placeholder="Enter your name" required>**

**<label for="gmail">Enter your G-mail</label>**

**<input type="email" id="gmail" placeholder="Enter your G-mail" required>**

**<label for="length">Enter the Length/Height (Sq Foot)\*</label>**

**<input type="number" id="length" placeholder="Enter length" required oninput="calculateArea()">**

**<label for="width">Enter the Width (Sq Foot)\*</label>**

**<input type="number" id="width" placeholder="Enter width" required oninput="calculateArea()">**

**<p>You Need Approximately:</p>**

**<input type="text" id="result" value="0" readonly>**

**<button type="submit">Submit</button>**

**</form>**

**</div>**

**Explanation:**

* **Collects user details for booking.**
* **Includes live tile area calculation.**
* **Form submission triggers an alert and resets inputs.**

**3. JavaScript Functionality**

**3.1 Calculate Tile Area**

**function calculateArea() {**

**let length = parseFloat(document.getElementById("length").value) || 0;**

**let width = parseFloat(document.getElementById("width").value) || 0;**

**document.getElementById("result").value = length \* width;**

**}**

**Explanation:**

* **Fetches user input values for length and width.**
* **Calculates the total area dynamically.**
* **Updates the result field.**

**3.2 Form Submission Handling**

**document.getElementById("tileCalculator").addEventListener("submit", function(event) {**

**event.preventDefault(); // Prevent page refresh**

**alert("Your booking has been completed");**

**this.reset();**

**document.getElementById("result").value = "0"; // Reset area field**

**});**

**Explanation:**

* **Prevents default form submission behavior.**
* **Displays an alert message upon submission.**
* **Resets all input fields and result value.**

**6.EXPERTS PAGE. (expert.html)**

**HTML Structure**

The page consists of a **navbar**, **main content sections**, and a **footer**.

**1. Navbar**

The navigation bar contains:

* A **logo** with an image.
* A **menu** with multiple dropdowns for tile categories.
* A **search box** for finding content on the website.

**Code Snippet:**

<div class="navbar">

<div class="logo">

<img src="logo.png" alt="Cera's Ceramics">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <i class="fas fa-chevron-down"></i></a>

<div class="dropdown-content">

<a href="walltiles.html">Wall Tiles</a>

<a href="floortiles.html">Floor Tiles</a>

<a href="specialtiles.html">Special Tiles</a>

</div>

</li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="Search">

<button>Search</button>

</div>

</div>

**2. Main Content**

**Blog Section**

Displays a list of blog posts.

<section class="blog-section">

<h3>Latest Blogs</h3>

<ul>

<li><a href="blog1.html">How to Choose the Right Tiles?</a></li>

<li><a href="blog2.html">Maintaining Your Floor Tiles</a></li>

</ul>

</section>

**Video Section**

Embeds an educational YouTube video.

<section class="video-section">

<h3>Educational Videos</h3>

<iframe width="560" height="315" src="https://www.youtube.com/embed/fbc38TInWhU" allowfullscreen></iframe>

</section>

**Tile Guide**

A brief guide on different tile types.

<section class="tile-guide">

<h3>Tile Guide</h3>

<p>Understand different types of tiles, their uses, and maintenance tips.</p>

</section>

**Tile Calculator**

Allows users to calculate the number of tiles needed based on area input.

<section class="tile-calculator">

<h3>Tile Calculator</h3>

<label for="area">Enter Area (sq. ft):</label>

<input type="number" id="area" placeholder="Enter value">

<button onclick="calculateTiles()">Calculate</button>

<p id="tile-result"></p>

</section>

**JavaScript Functions**

**Tile Calculator Function**

Calculates the number of tiles required based on a given area.

function calculateTiles() {

let area = document.getElementById('area').value;

let tileSize = 2; // Each tile is 2 sq. ft.

if (area && area > 0) {

let tilesNeeded = Math.ceil(area / tileSize);

document.getElementById('tile-result').innerText = `You need approximately ${tilesNeeded} tiles.`;

} else {

document.getElementById('tile-result').innerText = "Please enter a valid area.";

}

}

**CSS Styling**

**Navbar Styles**

.navbar {

display: flex;

justify-content: space-between;

background-color: navy;

padding: 10px 20px;

color: white;

position: sticky;

top: 0;

}

**Tile Calculator Styles**

.tile-calculator {

background: white;

padding: 20px;

border-radius: 8px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

margin-top: 20px;

**7.BLOG PAGE.(blog.html 1 or 2)**

**1. HTML Structure Overview**

This basic structure starts with a DOCTYPE, HTML element with a lang attribute, and head and body sections.

html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">

<title>blog1</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<!-- Body Content Here -->

</body>

</html>

**Explanation:**

* The meta tags set the character encoding and responsive behavior.
* A Font Awesome stylesheet link for icons and an external stylesheet (style.css) are included.
* title defines the title of the page.

**2. Navigation Bar**

This section defines the navigation bar, which includes a logo, links to various pages, and a search bar.

html

<div class="navbar">

<div class="logo">

<img src="logo.png" alt="Cera's Ceramics Logo">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>

<div class="dropdown-content">

<!-- Subcategories Here -->

</div>

</li>

<li><a href="Expertcorner.html">Experts</a></li>

<li><a href="news.html">News & Updates</a></li>

<li><a href="compare.html">Comparison</a></li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="Search">

<button>Search</button>

</div>

</div>

**Explanation:**

* The navigation bar is styled with a logo and a set of links (home, about, categories, etc.).
* A dropdown menu is implemented using nested <ul> lists. Font Awesome is used for icons.
* A search bar is provided for the user to search for content.

**3. Video Section with Text**

This part includes a flexbox layout for displaying a video with accompanying text on both sides.

html

<div class="video-wrapper">

<div class="video-text left-text">

<p>When selecting tiles for high-moisture areas...</p>

</div>

<div class="video-container">

<iframe width="560" height="315" src="https://www.youtube.com/embed/0McN3EcCKL0?si=P4aLH6QvA9hQYgGW" allowfullscreen></iframe>

</div>

<div class="video-text right-text">

<p>Slip resistance is another key factor...</p>

</div>

</div>

**Explanation:**

* This section uses flexbox to align the video (iframe) and text content.
* video-wrapper is the main container, and video-container holds the video.
* The text is placed on the left and right sides using left-text and right-text classes for alignment.

**4. Text Below the Video**

This part contains a paragraph below the video section with centered styling.

html

<div class="below-video-text">

<p>Maintaining moisture-resistant tiles...</p>

<p>Innovations in tile technology...</p>

</div>

**Explanation:**

* The text is centered using CSS (margin-left: auto; margin-right: auto;) and defined with a max-width to ensure it looks neat on large screens.

**5. Footer Section**

The footer contains three sections: contact information, quick links, and a newsletter form.

html

<footer class="footer">

<div class="footer-content">

<div class="footer-logo">

<h1>Cera's Ceramics</h1>

<address><i class='fas fa-map-marker-alt'></i> Aptech NN2 Karachi</address>

<i class="fa-solid fa-phone"> +92 (42)111-646-646</i>

<i class="fa fa-envelope"> infoceraceramics.com</i>

</div>

<div class="footer-links">

<h1>Quick Links</h1>

<ul>

<li><a href="">Bedroom</a></li>

<li><a href="">Living Room</a></li>

<!-- More Links -->

</ul>

</div>

<div class="footer-newsletter">

<h1>NewsLetter</h1>

<form>

<input type="text" placeholder="Name" required>

<input type="Email" placeholder="Email" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

<div class="footer-bottom">

<p>&copy; Cera's Ceramics. All Rights Reserved.</p>

</div>

</footer>

**Explanation:**

* The footer has a logo, contact information (address, phone, email), and links to other parts of the site.
* The newsletter section has an input form for name and email.
* The footer-bottom displays the copyright information.

**6. CSS Styling for Layout**

Some of the key CSS rules used to style the page layout are as follows:

css

.video-wrapper {

display: flex;

align-items: center;

justify-content: center;

gap: 20px;

margin-top: 20px;

}

.video-container {

flex: 1;

display: flex;

justify-content: center;

align-items: center;

}

.video-text {

flex: 1;

max-width: 300px;

font-family: Arial, sans-serif;

font-size: 16px;

line-height: 1.5;

color: #333;

}

.left-text {

text-align: right;

}

.right-text {

text-align: left;

}

.below-video-text {

text-align: center;

margin-top: 20px;

font-family: Arial, sans-serif;

font-size: 16px;

line-height: 1.5;

max-width: 800px;

margin-left: auto;

margin-right: auto;

color: #333;

}

**Explanation:**

* **Flexbox Layout**: Used for aligning elements within the .video-wrapper and .video-container.
* **Text Alignment**: Left and right text are aligned accordingly using left-text and right-text.
* **Below Video Text Styling**: The text below the video is centered with some margin and font styling.

**8.COMPARISON. (compare.html)**

**1. HTML Document Structure**

This is the basic structure of the HTML document that defines the language, character set, viewport, title, and in-page CSS. It also links to Font Awesome for icons.

html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">

<title>Compare Tiles - Cera's</title>

<style>

/\* CSS goes here \*/

</style>

</head>

<body>

<!-- Page Content Goes Here -->

</body>

</html>

**Explanation:**

* **DOCTYPE & HTML Tag:** Declares the document type and sets the language to English.
* **Meta Tags:** Define the character set and enable responsive behavior.
* **Font Awesome:** Provides icons used throughout the page.
* **Title:** Sets the browser tab title.
* **Inline CSS:** Contains styles for this page (you may later extract these to a separate CSS file).

**2. Navbar**

The navbar contains the logo, navigation links (including dropdowns), and a search form. It uses flexbox for layout and sticky positioning to remain at the top during scroll.

html

<div class="navbar">

<div class="logo">

<img src="Picsart\_25-01-28\_20-48-35-630 (1).png" alt="">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>

<div class="dropdown-content">

<!-- Dropdown sub-menus -->

<div class="sub-dropdown">

<a href="#">Wall Tiles <span class="arrow"><i class="fa-solid fa-chevron-right"></i></span></a>

<div class="sub-dropdown-content">

<a href="bathroomwalls.html">Bathroom wall tiles</a>

<a href="kitchenwalls.html">Kitchen wall tiles</a>

<a href="outdoorwall.html">Outdoor wall tiles</a>

<a href="bedroomwall.html">Bedroom wall tiles</a>

<a href="livingwall.html">Living wall tiles</a>

<a href="commercialwall.html">Commercial space wall tiles</a>

</div>

</div>

<!-- Additional sub-dropdowns for Floor and Special Tiles -->

</div>

</li>

<li><a href="Expertcorner.html">Experts</a></li>

<li><a href="news.html">News & Updates</a></li>

<li><a href="compare.html">Comparison</a></li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="Search">

<button>Search</button>

</div>

</div>

**Explanation:**

* **Logo:** Displays an image logo.
* **Navigation Links:** An unordered list (ul) provides navigation. Dropdown menus are implemented with nested <div> elements that appear on hover.
* **Search Container:** A simple text input and button for search functionality.
* **Sticky Navbar:** CSS (defined later) makes sure the navbar remains fixed at the top.

**3. Main Content**

The main section contains three key parts:

1. **Tile Comparison Section**
2. **Tile Area Calculator**
3. **Tile Inspiration Gallery**

**3.1 Tile Comparison Section**

This section provides two dropdowns to select tile types and a button to display their comparison.

html

<main>

<h1>Compare Tiles</h1>

<div class="comparison-container">

<select id="tile1">

<option value="ceramic">Ceramic Tiles</option>

<option value="porcelain">Porcelain Tiles</option>

<option value="marble">Marble Tiles</option>

</select>

<select id="tile2">

<option value="ceramic">Ceramic Tiles</option>

<option value="porcelain">Porcelain Tiles</option>

<option value="marble">Marble Tiles</option>

</select>

<button onclick="compareTiles()">Compare</button>

<div id="comparison-result"></div>

</div>

**Explanation:**

* **Dropdowns:** Two <select> elements allow the user to choose tile types.
* **Button:** Triggers the compareTiles() function to display comparisons.
* **Result Display:** A <div> shows the comparison result.

**3.2 Tile Area Calculator Section**

This section calculates the number of tiles needed based on the room area input.

html

<!-- Tile Calculator Section -->

<h2>Tile Area Calculator</h2>

<div class="tile-calculator">

<label for="area">Enter Room Area (in sq ft):</label>

<input type="number" id="area" placeholder="Enter area in sq ft">

<button onclick="calculateTiles()">Calculate Tiles Needed</button>

<p id="tile-result"></p>

</div>

**Explanation:**

* **Input Field:** Takes numeric input representing the room area.
* **Calculation Button:** Calls the calculateTiles() function.
* **Result Paragraph:** Displays the calculated number of tiles needed.

**3.3 Tile Inspiration Gallery Section**

This section presents a gallery of tile images with a simple hover effect.

html

<!-- Tile Inspiration Gallery Section -->

<h2>Tile Inspiration Gallery</h2>

<div class="tile-gallery">

<div class="tile-gallery-item">

<img src="product 2.jpg" alt="Kitchen Tile">

<p>Kitchen Tile Inspiration</p>

</div>

<div class="tile-gallery-item">

<img src="product 1.jpg" alt="Bathroom Tile">

<p>Bathroom Tile Inspiration</p>

</div>

<div class="tile-gallery-item">

<img src="product 4.jpg" alt="Living Room Tile">

<p>Living Room Tile Inspiration</p>

</div>

<div class="tile-gallery-item">

<img src="product 7.jpg" alt="Bedroom Tile">

<p>Bedroom Tile Inspiration</p>

</div>

<div class="tile-gallery-item">

<img src="product 3.jpg" alt="Terrace Tile">

<p>Terrace Tile Inspiration</p>

</div>

<div class="tile-gallery-item">

<img src="product 6.jpg" alt="Commercial space Tile">

<p>Commercial space Tile Inspiration</p>

</div>

</div>

</main>

**Explanation:**

* **Gallery Grid:** Uses CSS Grid (defined later) to arrange tile inspiration images in a 3-column layout.
* **Hover Effect:** Images are styled to scale up on hover, providing a visual effect.

**4. Footer**

The footer provides company contact details, quick links, and a newsletter signup form.

html

<footer class="footer">

<div class="footer-content">

<div class="footer-logo">

<h2>Cera's Ceramics</h2>

<address>

Karachi, Pakistan<br>

Phone: +92 (42)111-646-646<br>

Email: info@ceraceramics.com

</address>

</div>

<div class="footer-links">

<h3>Quick Links</h3>

<ul>

<li><a href="#">Bedroom</a></li>

<li><a href="#">Living Room</a></li>

<li><a href="#">Kitchen</a></li>

<li><a href="#">Terrace</a></li>

<li><a href="#">Porche</a></li>

</ul>

</div>

<div class="footer-newsletter">

<h3>Newsletter</h3>

<form>

<input type="text" placeholder="Name" required>

<input type="email" placeholder="Email" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

<div class="footer-bottom">

<p>&copy; 2025 Cera's Ceramics. All Rights Reserved.</p>

</div>

</footer>

**Explanation:**

* **Footer Content:** Divided into three columns:
  + **Logo & Contact Info:** Displays company details.
  + **Quick Links:** Provides additional navigation.
  + **Newsletter Form:** Allows users to subscribe.
* **Footer Bottom:** Contains copyright.

**5. CSS Styles**

The in-page CSS styles define the look and feel of the page. Here are some highlights:

css

.comparison-container, .tile-calculator, .tile-gallery {

background: white;

padding: 20px;

border-radius: 8px;

border: 1px solid black;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

margin-top: 20px;

}

.comparison-container {

max-width: 500px;

margin: 20px auto;

text-align: center;

}

select, button {

width: 100%;

padding: 10px;

margin: 10px 0;

font-size: 16px;

border: 1px solid #ccc;

border-radius: 5px;

}

button {

background-color: navy;

color: white;

border: none;

cursor: pointer;

}

button:hover {

background-color: black;

}

#comparison-result {

margin-top: 20px;

padding: 10px;

background: #e9ecef;

border-radius: 5px;

font-size: 16px;

}

/\* Tile Calculator & Gallery Styles \*/

.tile-calculator input, .tile-calculator button, .tile-gallery button {

padding: 10px;

font-size: 16px;

border: 1px solid #ccc;

border-radius: 5px;

margin-top: 10px;

}

.tile-gallery {

display: grid;

grid-template-columns: repeat(3, 1fr);

gap: 20px;

justify-content: center;

align-items: center;

}

.tile-gallery img {

border: 1px solid black;

width: 100%;

height: auto;

border-radius: 8px;

transition: transform 0.3s ease-in-out;

}

.tile-gallery img:hover {

transform: scale(1.1);

}

h1, h2 {

text-align: center;

text-decoration: underline;

}

**Explanation:**

* **Navbar & Dropdowns:** Styled for a modern, sticky header with hover effects.
* **Main Content:** Uses a mix of flexbox and grid to layout the comparison container, calculator, and gallery.
* **Buttons & Inputs:** Uniform styling for user inputs and buttons.

**6. JavaScript Functions**

Two JavaScript functions power the interactive features: comparing tiles and calculating tile requirements.

html

<script>

function compareTiles() {

let tile1 = document.getElementById('tile1').value;

let tile2 = document.getElementById('tile2').value;

let comparisonResult = {

'ceramic': 'Affordable, good for walls and floors, easy to clean.',

'porcelain': 'More durable, water-resistant, suitable for heavy traffic areas.',

'marble': 'Luxurious, natural, requires maintenance, expensive.'

};

document.getElementById('comparison-result').innerHTML = `

<h3>Comparison Result</h3>

<p><strong>${tile1}:</strong> ${comparisonResult[tile1]}</p>

<p><strong>${tile2}:</strong> ${comparisonResult[tile2]}</p>

`;

}

function calculateTiles() {

let area = document.getElementById('area').value;

let tileSize = 2; // Assume each tile covers 2 sq. ft.

if (area && area > 0) {

let tilesNeeded = Math.ceil(area / tileSize);

document.getElementById('tile-result').innerText = `You need approximately ${tilesNeeded} tiles.`;

} else {

document.getElementById('tile-result').innerText = "Please enter a valid area.";

}

}

</script>

**Explanation:**

* **compareTiles():** Retrieves the selected tile types, uses a lookup object for tile descriptions, and then updates the page with the comparison result.
* **calculateTiles():** Takes the user’s input for room area, assumes each tile is 2 square feet, and computes the number of tiles needed using Math.ceil() to round up.

**9.CONTACT US. (contact.html)**

**1. HTML Structure and Page Setup**

html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<link rel="stylesheet" href="style.css">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">

<title>Contact Us</title>

</head>

<body>

<!-- Navbar, Store locator, Footer, etc. here -->

</body>

</html>

* **Explanation**: The HTML file sets up the structure of the webpage with links to external resources like the CSS file (style.css) and FontAwesome icons for visual elements.

**2. Navbar Section**

html

<div class="navbar">

<div class="logo">

<img src="logo.png" alt="Logo">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li><a href="#">Categories</a></li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="search">

<button>Search</button>

</div>

</div>

* **Explanation**: This section creates a navigation bar with a logo, links to different pages, and a search bar. The search bar allows users to input a query and search on the site.

**3. Store Locator Section**

html

<div class="store-locator">

<h2>Stores</h2>

<button id="locate-store">Search By Location</button>

<form id="store-form">

<label for="province">Province</label>

<select id="province">

<option value="">Select</option>

</select>

<label for="city">City</label>

<select id="city" disabled>

<option value="">Select</option>

</select>

<label for="town">Town/Area</label>

<select id="town" disabled>

<option value="">Select</option>

</select>

<button type="button" id="search-store">Search Store</button>

</form>

<div id="store-results"></div>

<a href="email.html" class="email-button"><button>Email Us</button></a>

</div>

* **Explanation**: This section allows users to search for stores either by geolocation or by selecting province, city, and town from dropdown menus. The Search By Location button uses the browser's geolocation API to find the user's location and display the nearest store.

**4. Footer Section**

html

<footer class="footer">

<div class="footer-content">

<div class="footer-logo">

<h2>Cera's Ceramics</h2>

<address>Aptech NN2, Karachi <br> Phone: +92 (42)111-646-646 <br> Email: <a href="mailto:info@ceraceramics.com">info@ceraceramics.com</a></address>

</div>

<div class="footer-links">

<h3>Quick Links</h3>

<ul>

<li><a href="">Bedroom</a></li>

<li><a href="">Living Room</a></li>

</ul>

</div>

<div class="footer-newsletter">

<h3>Newsletter</h3>

<form>

<input type="text" placeholder="Name" required>

<input type="email" placeholder="Email" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

<div class="footer-bottom">

<p>&copy; Cera's Ceramics. All Rights Reserved.</p>

</div>

</footer>

* **Explanation**: The footer contains company information (address, phone, email) and quick links for easy navigation. It also includes a newsletter form for collecting user emails.

**5. CSS Styling**

css

body {

font-family: Arial, sans-serif;

background: white;

color: navy;

text-align: center;

margin: 0;

padding: 0;

}

.navbar {

display: flex;

justify-content: space-between;

align-items: center;

background-color: navy;

padding: 10px 20px;

color: white;

}

.footer {

background-color: navy;

color: white;

padding: 20px 0;

font-size: 14px;

}

.footer-links ul {

list-style: none;

padding: 0;

margin: 0;

}

.footer-newsletter button:hover {

background-color: navy;

}

* **Explanation**: The CSS provides styles for the layout and appearance of the page elements, including the body, navbar, and footer. It uses flexbox for layout alignment and defines colors, padding, margins, etc.

**6. JavaScript for Dynamic Interactions**

javascript

document.getElementById('locate-store').addEventListener('click', () => {

if (navigator.geolocation) {

navigator.geolocation.getCurrentPosition(

(position) => {

// Calculate distance from user location and find nearest store

const userLat = position.coords.latitude;

const userLon = position.coords.longitude;

// Use the getDistance function to find the nearest store

},

(error) => {

console.error('Error getting location:', error.message);

}

);

}

});

* **Explanation**: This JavaScript snippet allows the user to search for the nearest store based on their geolocation using the navigator.geolocation API. The script calculates the distance between the user's location and predefined store locations

**10. EMAIL US PAGE (email.html)**

**1. HTML Document Structure and Head Section**

html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="product.css">

<title>Email</title>

<style>

/\* Inline CSS for page styling \*/

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f4f4f4;

}

.container {

width: 50%;

margin: 50px auto;

background: white;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

text-align: center;

}

/\* Other styles for headings, labels, inputs, buttons, etc. \*/

</style>

</head>

<body>

**Explanation:**

* The document begins with the <!DOCTYPE html> declaration and sets the language to English.
* Meta tags define the character set and viewport settings for responsive design.
* An external CSS file (product.css) is linked, and additional inline styles are provided to style the body and container.
* The <title> tag sets the page title.

**2. Navigation Bar Section**

html

<div class="navbar">

<div class="logo">

<img src="Picsart\_25-01-28\_20-48-35-630 (1).png" alt="">

</div>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About Company</a></li>

<li class="dropdown">

<a href="#">Categories <span class="arrow"><i class="fa-solid fa-chevron-down"></i></span></a>

<div class="dropdown-content">

<!-- Sub-dropdowns for different tile categories -->

<div class="sub-dropdown">

<a href="#">Wall Tiles <span class="arrow"><i class="fa-solid fa-chevron-right"></i></span></a>

<div class="sub-dropdown-content">

<a href="bathroomwalls.html">Bathroom wall tiles</a>

<!-- Additional links -->

</div>

</div>

<!-- More sub-dropdowns follow... -->

</div>

</li>

<li><a href="Expertcorner.html">Experts</a></li>

<li><a href="news.html">News & Updates</a></li>

<li><a href="compare.html">Comparison</a></li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

<div class="search-container">

<input type="text" placeholder="search">

<button>Search</button>

</div>

</div>

<br><br><br>

**Explanation:**

* The navbar includes a logo image and a list of navigation links.
* A dropdown menu is implemented under the "Categories" link with nested sub-dropdowns for different tile types.
* A search container is also provided with an input field and a button.
* Extra <br> tags add spacing below the navbar.

**3. Contact Form Section**

html

<div class="container">

<h2>Contact Us</h2>

<form id="contactForm">

<label for="name">Full Name:</label>

<input type="text" id="name" name="name" required>

<label for="email">Email Address:</label>

<input type="email" id="email" name="email" required>

<label for="message">Your Message:</label>

<textarea id="message" name="message" rows="5" required></textarea>

<button type="submit">Submit</button>

</form>

<p class="message" id="successMessage">Your E-mail has been submitted.</p>

</div>

**Explanation:**

* The container centers the contact form on the page and applies a white background with padding and a box shadow.
* The form (id="contactForm") contains input fields for the user's full name, email address, and message.
* A submit button sends the form data, and a hidden paragraph (id="successMessage") will display a success message upon submission.

**4. Footer Section**

html

<footer class="footer">

<div class="footer-content">

<div class="footer-logo">

<h2>Cera's ceramics</h2>

<address>

&#xf3c5; Aptech NN2, Karachi <br>

&#xf2a0; Phone: +92 (42)111-646-646 <br>

&#xf2b6; Email: <a href="mailto:info@ceraceramics.com">infoceraceramics.com</a>

</address>

</div>

<div class="footer-links">

<h3>Quick Links</h3>

<ul>

<li><a href="">bedroom</a></li>

<li><a href="">living room</a></li>

<li><a href="">kitchen</a></li>

<li><a href="">terrace</a></li>

<li><a href="">porche</a></li>

</ul>

</div>

<div class="footer-newsletter">

<h3>NewsLetter</h3>

<form>

<input type="text" placeholder="Name" required>

<input type="Email" placeholder="Email" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

<div class="footer-bottom">

<p>&copy;Cera's ceramics &copy;All Rights Reserved. Powered by Cera's Pakistan</p>

</div>

</footer>

**Explanation:**

* The footer is divided into three main sections: company information, quick links, and a newsletter signup form.
* The company information includes an address, phone number, and email.
* Quick links provide additional navigation.
* The newsletter section allows users to subscribe using their name and email.
* The footer-bottom area includes copyright information.

**5. JavaScript to Handle Form Submission**

html

<script>

document.getElementById("contactForm").addEventListener("submit", function(event) {

event.preventDefault(); // Prevent the form from submitting in the traditional way

document.getElementById("successMessage").style.display = "block"; // Display the success message

document.getElementById("contactForm").reset(); // Reset the form fields

});

</script>

</body>

</html>

**Explanation:**

* This JavaScript snippet adds an event listener to the contact form that listens for the submit event.
* Using event.preventDefault() stops the form from performing its default submission, allowing for a custom action.
* Once the form is submitted, the hidden success message is displayed and the form fields are reset.