

B.Tech - Semantic HTML Multimedia Webpage

1. WEBSITE DETAILS

- Title of the Project: WORKSPACE Premium Co Working Solutions Website
- Purpose of the Website: To develop a responsive, multi page website for a co working space business. As the developer of the Home Page (index.html) and the Core Styling (style.css), my specific focus was to create a high impact landing page that introduces the brand, integrates a video background hero section, and establishes the visual design system (CSS variables, Grid/Flex layouts) used across the entire project.
- Target Users:
 - Freelancers and Remote Workers
 - Startups and Small Businesses
 - Enterprise clients looking for office space
- Tools Used:
 - HTML5 (Semantic Structure)
 - CSS3 (Grid, Flexbox, Variables, Animations)
 - Text Editor (VS Code)
 - Web Browser (Chrome / Edge)
- Key Features (My Contribution):
 - Hero Video Background: Implemented a full screen, autoplaying video header for visual engagement using HTML5 <video> tags.
 - CSS Grid Layout system: Created the card-grid and feature-grid classes in style.css to align content responsively.
 - Global Design System: Defined CSS Root Variables (:root) for consistent colors, fonts, and spacing across all group members' pages.
 - Interactive Modal: Designed and implemented the Login Modal popup using HTML and JavaScript within the index page.

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2. TAG & PROPERTY DEFINITIONS USED

Since I worked on the Index Page and CSS Styling, this section details the HTML5 tags used to structure the home page and the specific CSS properties used to style the layout.

2.1 Basic Structure & Metadata Tags (index.html)

Tag	Definition	Usage in My Project
<!DOCTYPE html>	A declaration that instructs the web browser that the document is an HTML5 file.	Placed at the very first line of index.html to ensure standard rendering mode.
<html>	The root element of an HTML page that wraps all other content.	Encloses the entire document and sets the language attribute to English (lang="en").
<head>	A container for metadata (data about data) that is not displayed on the page.	Holds the page title, character set definitions, and links to external stylesheets.
<meta>	Defines metadata such as character set, page description, keywords, and viewport settings.	Used to set charset="UTF-8" and viewport to ensure the website is responsive on mobile devices.
<title>	Sets the title of the webpage, which is shown in the browser's title bar or tab.	Sets the tab name to "WORKSPACE - Made for Work. Built for Business."
<link>	Specifies the relationship between the current document and an external resource.	Used to connect index.html to the style.css file and to import Google Fonts.
<body>	Defines the document's body and contains all the visible contents of the webpage.	Wraps the Navigation Bar, Hero Video, Features Section, Footer, and Modals.

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Tag	Definition	Usage in My Project
<script>	Used to embed or reference executable client-side scripts (JavaScript).	Placed at the end of the body to handle the logic for opening and closing the Login Modal.

2.2 Text & Navigation Tags (index.html)

Tag	Definition	Usage in My Project
<h1> - <h6>	HTML headings that define the hierarchy of content, with h1 being the most important.	Used for section titles like "Why choose WORKSPACE?" (h3) and the modal title "Welcome Back" (h2).
<p>	Defines a paragraph of text.	Used for descriptive text inside feature cards and the hero section description.
	An inline container used to mark up a part of a text, or a part of a document.	Used for the "Eyebrow" text (small labels above titles) and to apply the text-gradient color effect.
<a>	Defines a hyperlink, which is used to link from one page to another.	Used in the Navbar to link to locations.html, membership.html, etc., and for the "Contact" button.
	Defines an unordered (bulleted) list.	Used in the Navbar to group the menu links together structurally.
	Defines a list item.	Wraps each individual link inside the navigation menu (e.g., li a... Locations /a /li).

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2.3 Layout & Grouping Tags (index.html)

Tag	Definition	Usage in My Project
<nav>	Defines a set of navigation links.	Semantic wrapper for the top navigation bar containing the logo and menu.
<section>	Defines a thematic grouping of content, typically with a heading.	Used to separate the page into major parts: Hero Section, Features Grid, and Stats Section.
<div>	A generic block-level container used to group elements for styling purposes.	Heavily used for creating layouts, such as container, feature-box, and navbar-container.
<footer>	Defines a footer for a document or section.	Contains the copyright notice and secondary links at the bottom of the webpage.

2.4 Multimedia & Form Tags (index.html)

Tag	Definition	Usage in My Project
<video>	Embeds video content in a webpage.	Key Feature: Displays the background video (Workspace2.mp4) in the hero section with autoplay, muted, and loop.
<source>	Specifies multimedia resources for media elements like video and audio.	Defines the path and file type (type="video/mp4") for the background video.

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Tag	Definition	Usage in My Project
	Embeds an image into the document.	Used to display the "WORKSPACE" logo and various feature icons.
<form>	Defines an interactive section where users submit information to a server.	Wraps the email and password inputs inside the Login Modal.
<input>	A field where the user can enter data.	Used for the "Email Address" (type="email") and "Password" (type="password") fields in the login form.
<label>	Defines a label for an input element.	Provides text descriptions ("Email Address", "Password") above the input fields for accessibility.
<button>	A clickable button element.	Used for the "Login" button in the navbar and the "Sign In" submit button in the modal.

3. CSS PROPERTIES & SELECTORS USED (style.css)

3.1 Selectors & Layout Properties

Property / Selector	Definition	Usage in My Project
:root	A pseudo-class that matches the document's root element; used for defining global variables.	Defines CSS variables like --primary-color and --font-primary for consistent theming.

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Property / Selector	Definition	Usage in My Project
.class	Selects all elements with a specific class attribute.	Used extensively (e.g., .navbar, .hero, .btn-primary) to style groups of elements.
display: grid	Specifies that an element should use a grid-based layout system.	Used in .feature-grid to create the responsive 4-column layout for amenities.
display: flex	Specifies that an element should use a flexible box layout.	Used in .navbar-container to align the logo, menu, and buttons in a single row.
justify-content	Aligns flex items along the main axis (horizontal).	Used to space out the navbar elements (space-between) evenly across the width.
align-items	Aligns flex items along the cross axis (vertical).	Used to vertically center text and buttons inside the navigation bar.
position	Specifies the type of positioning method used for an element.	position: absolute is used for the .hero-overlay to sit directly on top of the video.
z-index	Specifies the stack order of an element.	Used to place the dark overlay <i>above</i> the video but <i>behind</i> the text content.

3.2 Styling & Visual Effects

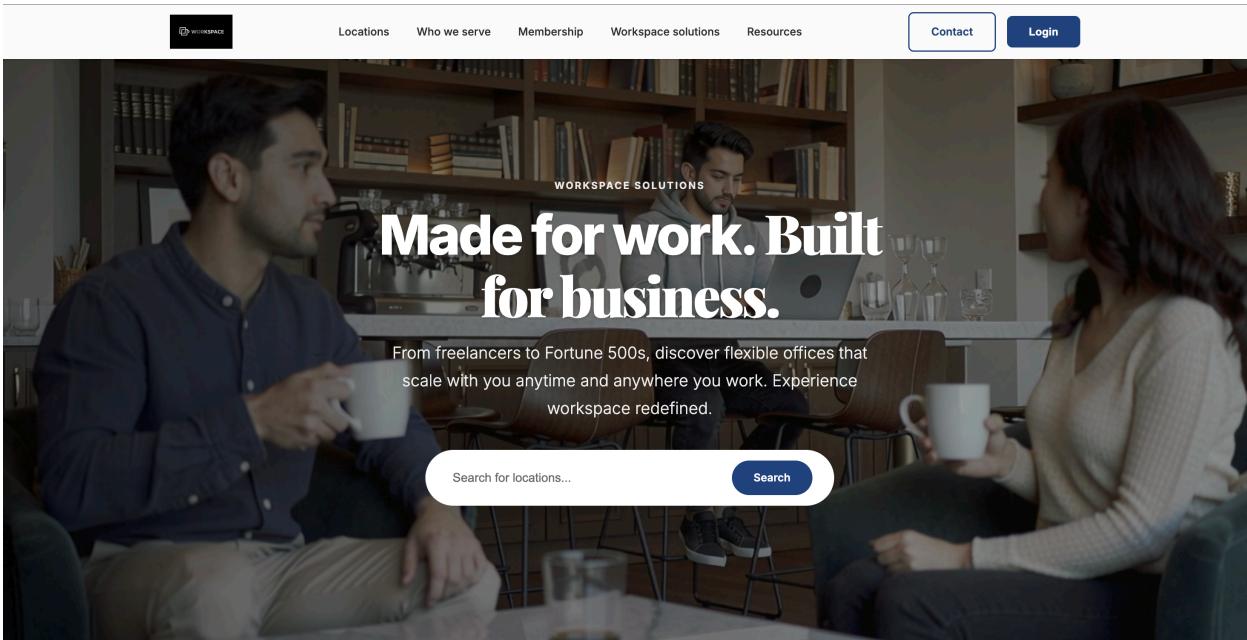
Property	Definition	Usage in My Project
color	Sets the color of the text.	Used to set the font color using variables like var(--text-primary).

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Property	Definition	Usage in My Project
background-color	Sets the background color of an element.	Used for the "Login" button (var(--primary-color)) and the footer background.
font-family	Specifies the font for an element.	Sets the font to 'Inter' for body text and 'Playfair Display' for headings.
object-fit: cover	Specifies how an image/video should be resized to fit its container.	Applied to the background video so it fills the screen without stretching or leaving gaps.
backdrop-filter	Applies graphical effects such as blurring to the area behind an element.	Used in .navbar to create a "frosted glass" blur effect over the content behind it.
border-radius	Defines the radius of the element's corners.	Used to give buttons and input fields rounded corners (8px).
transition	Allows you to change property values smoothly over a given duration.	Used on buttons (hover effects) to make color changes smooth when the mouse moves over them.
@media	Applies different styles for different media types/devices.	Used to change the grid layout from 4 columns to 1 column on mobile screens.

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3. SCREENSHOTS



THE WORKSPACE ADVANTAGE

Why choose WORKSPACE?

We provide more than just a desk. Join a global community of **innovators, entrepreneurs, and companies** building the future. Experience the difference of a truly modern workspace.

 Global Network Access 500+ locations across 100+ cities worldwide. Work wherever your business takes you with one flexible membership.	 Flexible Terms No long-term commitments required. Scale up or down as your business needs change. Month-to-month flexibility available.	 Premium Amenities Every location includes high-speed WiFi, printing, coffee, meeting rooms, and professional support staff to keep you productive.	 Vibrant Community Connect with like-minded professionals at networking events, workshops, and social gatherings. Build relationships that matter.
 Enterprise Security 24/7 secure access with biometric entry. Enterprise-grade IT infrastructure and data protection for peace of mind.	 Innovative Design Beautiful, thoughtfully designed spaces that inspire creativity and productivity. Every detail crafted for your success.	 Seamless Technology Manage your workspace with our top-rated mobile app. Book rooms, register guests, and access support with a single tap.	 Sustainable Ethos We are committed to eco-friendly practices and green building standards. Work in spaces that value the planet as much as productivity.

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[Locations](#)
[Who we serve](#)
[Membership](#)
[Workspace solutions](#)
[Resources](#)
[Contact](#)
[Login](#)

FLEXIBILITY FIRST

Choose your workspace solution

Flexible options designed to support your business at every stage of growth.



Private Office
Fully furnished, lockable offices for teams of 1-50. Your own space with maximum privacy and security.

[Learn More →](#)



Coworking Space
Flexible shared workspace with hot desks and dedicated desks. Perfect for individuals and small teams.

[Learn More →](#)



Enterprise Solutions
Custom office designs for large organizations. Multi-location management with dedicated support.

[Learn More →](#)

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Enterprise Solutions
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Welcome Back

Email Address

Password

[Sign In](#)

PRIVATE OFFICE

Your team's own secure

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 WORKSPACE
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SIMPLE ONBOARDING

Getting started is easy

Join thousands of businesses who have already made the switch to flexible workspace. Start your journey in three simple steps.



STEP 01

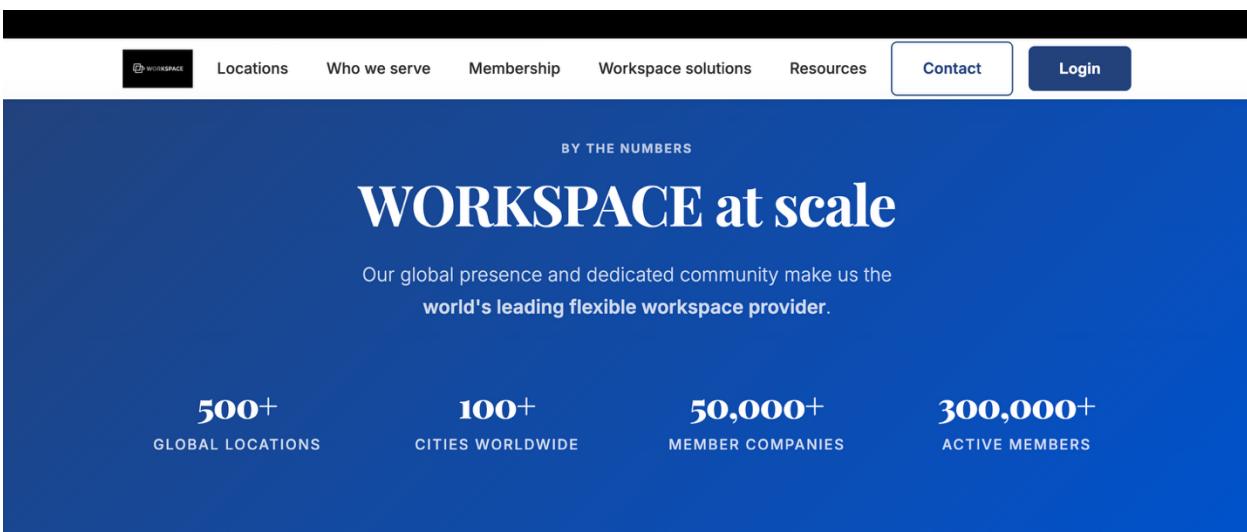
Browse & Select Your Space

Explore our global network of premium workspace locations. Filter by city, amenities, capacity, and workspace type to find your perfect match.

Each location features professional photography, detailed floor plans, available amenities, and real reviews from current members to help you make an informed decision. Virtual tours available for select locations.

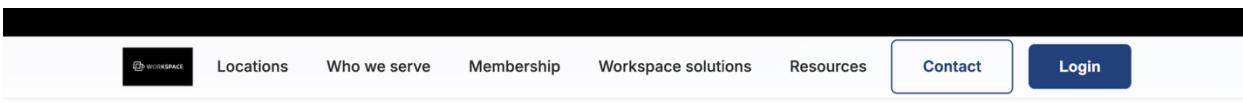
[View All Locations](#)

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The screenshot shows the homepage of the ITM Skills University website. At the top, there is a navigation bar with links for Locations, Who we serve, Membership, Workspace solutions, Resources, Contact (in a white button), and Login (in a dark blue button). Below the navigation bar, a large blue header section features the text "BY THE NUMBERS" and "WORKSPACE at scale". It includes four key statistics: "500+ GLOBAL LOCATIONS", "100+ CITIES WORLDWIDE", "50,000+ MEMBER COMPANIES", and "300,000+ ACTIVE MEMBERS". Below this, there is a section titled "MEMBER TESTIMONIALS" with the heading "What our members say". A small image of a laptop screen displaying a testimonial is visible.

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MEMBER TESTIMONIALS

What our members say

Real stories from **businesses thriving** at WORKSPACE.
Discover how we're helping professionals achieve more.

"WORKSPACE has completely transformed how our team collaborates. The flexibility to work from any location has been invaluable as we've expanded globally."

 **Sarah Chen**
CEO, TechStart Inc.

"The community at WORKSPACE is incredible. I've made valuable business connections and found mentors who have helped grow my startup significantly."

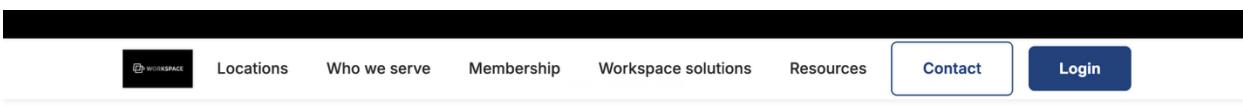
 **Marcus Rodriguez**
Founder, Digital Ventures

"As a freelance consultant, having access to professional meeting spaces and a dedicated workspace has elevated my business and impressed my clients."

 **Emily Parker**
Independent Consultant



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Frequently Asked Questions

Everything you need to know about WORKSPACE. Can't find the answer you're looking for? **Chat with our team** for personalized support.

What's included in my membership?

All WORKSPACE memberships include 24/7 access to your workspace, high-speed WiFi, unlimited printing, access to meeting rooms (based on availability), complimentary beverages including coffee and tea, access to communal areas, mail handling services, and invitations to exclusive member events and networking opportunities.

Can I access multiple locations?

Yes! With our All Access membership, you can work from any WORKSPACE location worldwide. This gives you the flexibility to work wherever your business takes you, whether that's across town or across the globe.

What are the contract terms?

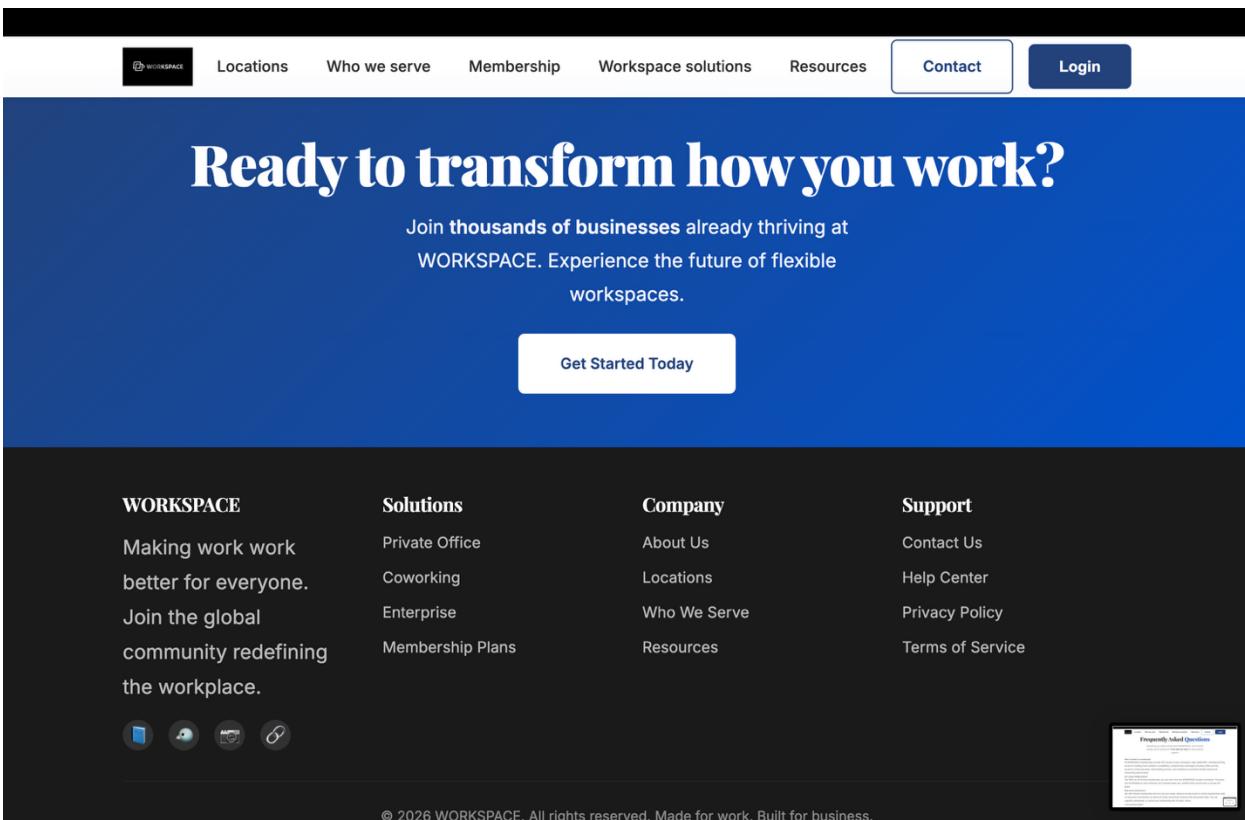
We offer flexible membership terms to suit your needs. Options include month-to-month memberships with no long-term commitment, as well as 6-month and annual contracts with discounted rates. You can upgrade, downgrade, or cancel your membership with 30 days' notice.

Is there parking available?

Parking availability varies by location. Many of our buildings offer dedicated parking for members at an additional cost.



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The screenshot shows a website for 'WORKSPACE'. At the top, there's a navigation bar with links for Locations, Who we serve, Membership, Workspace solutions, Resources, Contact (in a light blue box), and Login (in a dark blue box). Below the navigation is a large blue header section with the text 'Ready to transform how you work?'. Underneath, it says 'Join thousands of businesses already thriving at WORKSPACE. Experience the future of flexible workspaces.' A 'Get Started Today' button is centered in this section. The main content area has four columns: 'WORKSPACE' (with text about making work better for everyone and joining a global community), 'Solutions' (listing Private Office, Coworking, Enterprise, and Membership Plans), 'Company' (listing About Us, Locations, Who We Serve, and Resources), and 'Support' (listing Contact Us, Help Center, Privacy Policy, and Terms of Service). At the bottom of the page, there are icons for mobile devices and a small screenshot of a 'Frequently Asked Questions' page.

4. DECLARATION

I hereby declare that this practical work entitled "Design and Development of a Co-Working Space Website ('WORKSPACE')" is my original work carried out by me. My specific contribution includes the architecture of the Home Page (index.html), the implementation of the Hero Video Background, and the Core CSS Styling (style.css) used to govern the visual layout of the project.

This work has not been copied from any source and has not been submitted earlier for any examination.

Name of Student: Aaditya Bhosale Roll Number: 150096725029 Date: 5/02/2025

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5. FUTURE SCOPE

The current implementation of “index.css” and “style.css” establishes a solid foundation for the website. Future enhancements that can be implemented include:

- **JavaScript Framework Integration:** Migrating the HTML/CSS structure to React or Vue.js for dynamic content loading.
-
- **Backend Connectivity:** Connecting the Login Modal (<form>) to a real database (SQL/MongoDB) for user authentication.
-
- **Live Availability Map:** Integrating a map API (like Google Maps) into the "Search for locations" input on the Home Page.
-
- **Dark Mode Toggle:** Utilizing the CSS variables in style.css to implement a system-wide dark mode switch.