

# **WEB DESIGN WORKSHOP(K24IT12P)**

## **A Project Report On Photography Portfolio Website By**

Team Number -30

Team Name- PHOTOLIFE

### **Team Members**

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## **BACHELOR OF TECHNOLOGY In Computer Science(AI)**



**Submitted to: Mr. SHIVANSH PRASAD SIR**

**KIET Group of Institutions, Ghaziabad**

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# 1. INTRODUCTION

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## 1.1 Introduction

In the modern digital age, having a compelling online presence is essential for photographers to showcase their work and connect with their audience. The Photography Portfolio Website is a project aimed at providing photographers with a platform to organize and display their photographs in a visually stunning and professional manner. This platform addresses the need for an accessible, user-friendly space where photographers can present their portfolios to potential clients, collaborators, and enthusiasts.

## 1.2 Project Description

The Photography Portfolio Website project is designed to provide professional photographers and hobbyists with an online platform to showcase their work. This website offers a user-friendly interface for displaying high-quality photographs, categorized galleries, and professional profiles. The main objective of the project is to enhance the visibility of photographers and enable them to attract potential clients or collaborators.

### Key Objectives:

- Create a visually appealing and functional platform.
- Allow users to upload, categorize, and manage their photos.
- Enable visitors to view, comment, and share content easily.
- Ensure the platform is responsive and accessible on various devices.

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## 2. TEAM INFORMATION

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The project was developed by **Team PhotoLife**, comprising a dedicated group of skilled individuals who collaborated effectively to ensure its success. The team members include:

- **Brajesh Kumar Keshari**
- **Gavendra**
- **Ashish Srivastava**
- **Harshit Patel**

The success of the Photography Portfolio Website project is a testament to the collaborative efforts and dedication of **Team PhotoLife**.

Each member brought unique skills and perspectives to the table, ensuring a well-rounded and efficient workflow. The team worked cohesively, with clear communication and shared responsibilities, enabling smooth coordination across all phases of development.

From conceptualizing the platform to designing the user interface, coding the functionality, and testing the final product, every task was approached with enthusiasm and a commitment to excellence. This strong teamwork not only ensured the timely completion of the project but also fostered a culture of innovation and mutual learning.

The combined efforts of the team resulted in a robust and visually captivating website, meeting all project goals.

## 3. TOOLS USED

### 3.1 Frontend Development

- HTML

```
index.html > html > head > link
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8" />
5    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6    <link
7      href="https://cdn.jsdelivr.net/npm/remixicon@4.1.0/fonts/remixicon.css"
8      rel="stylesheet"
9    />
10   <link
11     rel="stylesheet"
12     href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css"
13   />
14   <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500;700&display=swap">
15   <!-- Font Awesome CDN -->
16   <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">
17   <link rel="stylesheet" href="styles.css" />
18   <title>PHOTOLIFE</title>
19 </head>
20 <body>
21   <header class="header" id="home">
22     <nav>
23       <div class="nav_header">
24         <div class="nav_logo">
25           <a href="#">
26             
27           </a>
28         </div>
29         <div class="nav_menu_btn" id="menu-btn">
30           <i class="ri-menu-line"></i>
31         </div>
32       </div>
33       <ul class="nav_links" id="nav-links">
34         <li><a href="#home">HOME</a></li>
35         <li><a href="#about">ABOUT US</a></li>
36         <li><a href="#service">SERVICES</a></li>
37         <li class="nav_logo">
38           <a href="#">
39             
```

- CSS

```

1 styles.css > ...
2 @import url('https://fonts.googleapis.com/css2?family=Merriweather:ital,wght@0,300;0,400;0,700;0,900;1,300;1,400;1,700;1,900&family=Montserrat:ital,
3 @import url('https://fonts.cdnfonts.com/css/ica-rubrik-black');
4 @import url('https://fonts.cdnfonts.com/css/poppins');
5
6 .banner{
7     width: 100%;
8     height: 100vh;
9     text-align: center;
10    overflow: hidden;
11    position: relative;
12 }
13 .banner .slider{
14     position: absolute;
15     width: 200px;
16     height: 250px;
17     top: 10%;
18     left: calc(50% - 100px);
19     transform-style: preserve-3d;
20     transform: perspective(1000px);
21     animation: autoRun 20s linear infinite;
22     z-index: 2;
23 }
24 @keyframes autoRun{
25     from{
26         transform: perspective(1000px) rotateX(-16deg) rotateY(0deg);
27     }to{
28         transform: perspective(1000px) rotateX(-16deg) rotateY(360deg);
29     }
30 }
31 .banner .slider .item{
32     position: absolute;
33     inset: 0 0 0 0;
34     transform:
35         rotateY(calc( (var(--position) - 1) * (360 / var(--quantity)) * 1deg))
36         translateZ(550px);
37 }
38 .banner .slider .item img{
39     width: 100%;

```

## ○ JavaScript

```
JS main.js > ...
1 const menuBtn = document.getElementById("menu-btn");
2 const (loading...) const menuBtnIcon: HTMLElement;
3 const menuBtnIcon = menuBtn.querySelector("i");
4
5 menuBtn.addEventListener("click", (e) => {
6     navLinks.classList.toggle("open");
7
8     const isOpen = navLinks.classList.contains("open");
9     menuBtnIcon.setAttribute("class", isOpen ? "ri-close-line" : "ri-menu-line");
10 });
11
12 navLinks.addEventListener("click", (e) => {
13     navLinks.classList.remove("open");
14     menuBtnIcon.setAttribute("class", "ri-menu-line");
15 });
16
17 const scrollRevealOption = {
18     distance: "50px",
19     origin: "bottom",
20     duration: 1000,
21 };
22
23 ScrollReveal().reveal(".about__container .section_header", {
24     ...scrollRevealOption,
25 });
26 ScrollReveal().reveal(".about__container .section_description", {
27     ...scrollRevealOption,
28     delay: 500,
29     interval: 500,
30 });
31 ScrollReveal().reveal(".about__container img", {
32     ...scrollRevealOption,
33     delay: 1500,
34 });
35
36 ScrollReveal().reveal(".service__container .section_header", {
37     ...scrollRevealOption,
38 });
39 ScrollReveal().reveal(".service__container .section_description", {
```


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## 3.2 Persona Creation

- Canva

### ENTHUSIAST PHOTOGRAPHER AND BLOGGER



## HANNAH MORALES

- A passionate hobbyist who frequently blogs about photography tips.
- Highly active on platforms like Behance and Medium.
- Interested in collaborations with brands and influencers.

#### Goals

- Create an interactive blog featuring her photos and tips.
- Monetize her photography blog through ads and partnerships.
- Build a community of like-minded photography enthusiasts.

#### Challenges

- Struggles to balance her full-time job and photography.
- Needs an easy-to-update portfolio/blogging platform.
- Requires guidance on monetizing her work without appearing overly commercial.

#### Scenario

- After work, Sara edits her latest travel photos and drafts a blog post titled "The Best Lenses for Night Photography." She uses her portfolio platform to integrate images seamlessly into the post, then schedules it for publishing. Before bed, she shares a teaser on Instagram, linking back to her blog.

○



## ○ Adobe Photoshop



# DAVID THOMPSON

Seasoned Landscape Photographer

### SCENARIO

David spends his morning editing and uploading a new series of mountain photographs to his portfolio. He tags each photo with keywords to improve discoverability and lists prints for sale. Afterward, he uses his website's email tool to send a newsletter announcing his latest workshop.

### GOALS

- Create an online gallery to sell prints and licenses.
- Offer workshops through his platform.
- Showcase projects that highlight environmental issues

### PROFILE

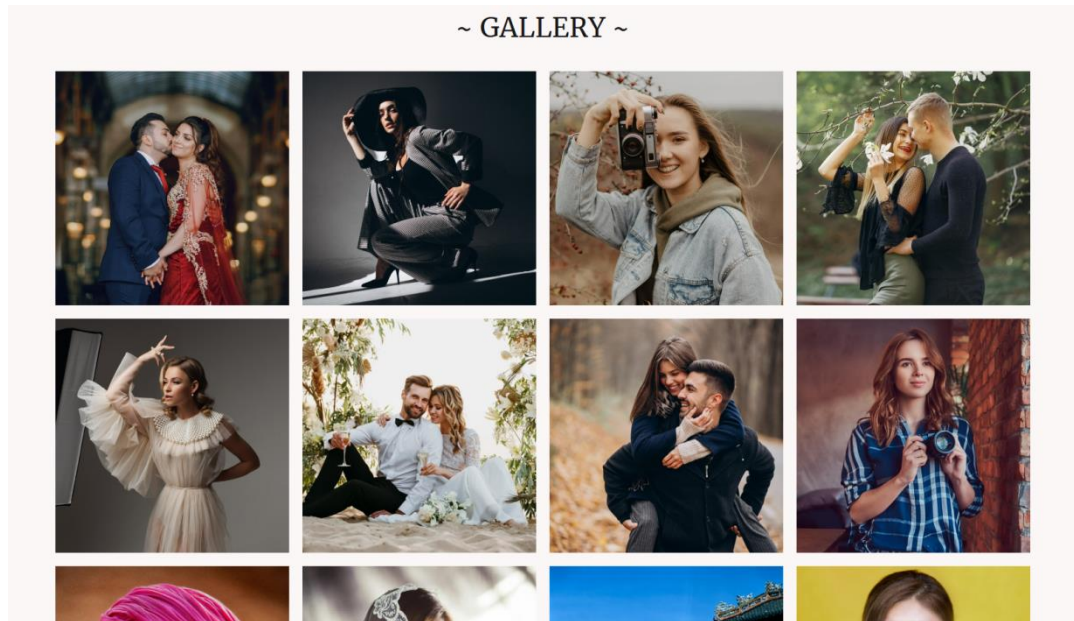
David has spent over a decade capturing the beauty of the Rockies. His work focuses on selling prints and licensing photos while hosting workshops. A self-starter, he relies on word-of-mouth and local galleries but is now transitioning to digital tools for broader reach.

### PAIN POINTS

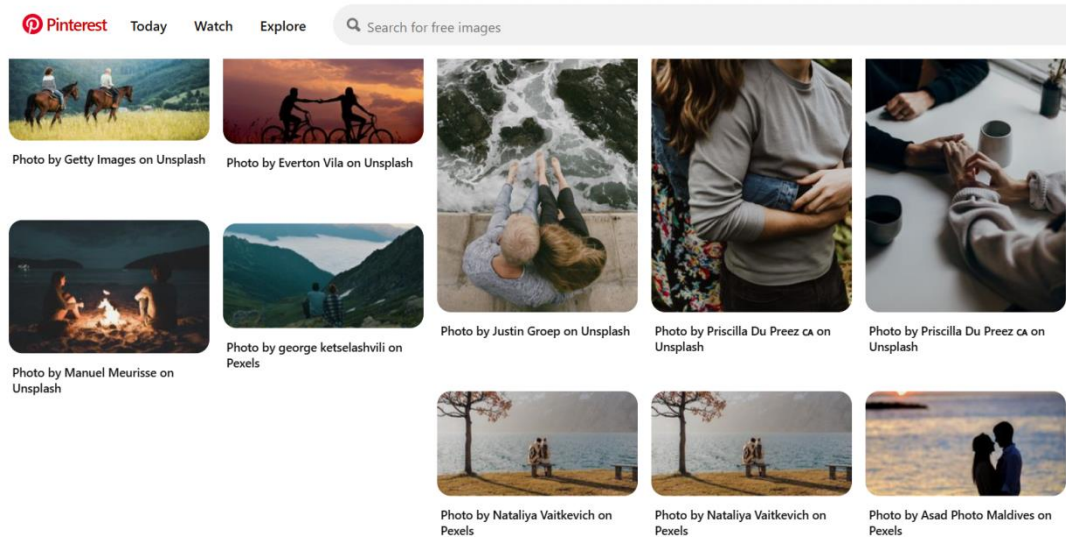
- Struggles with creating an appealing online presence.
- Limited social media expertise makes him miss out on potential customers.
- Finds it difficult to keep track of workshop sign-ups manually.

## 3.3 Gallery Photos

### ○ Pexel



### ○ Pinterest



## 3.4 Contact Page and 3D Slider

### ○ GitHub

### Contact Information

Fill up the form and our Team will get back to you within hours

Phone: +91 1235 2355 98

Email: info@photolife.com

Website: photolife.com

Facebook Twitter LinkedIn

### Send us a message

First Name Last Name

Mail Phone

Write your message

Send Message

HOME ABOUT US

STAY IN TOUCH

### ○ Youtube



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## 4. FEATURES OF THE SOFTWARE

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### 4.1 Features of the Software

*User Registration and Login:* Secure user authentication for photographers and visitors.

*Photo Upload and Management:* Photographers can upload photos, organize them into galleries, and add descriptions or tags.

*Responsive Design:* Optimized for desktop, tablet, and mobile devices.

*Interactive Galleries:* Visitors can view photos in high resolution, leave comments, and share on social media.

*Search and Filter:* Advanced search functionality to filter images based on tags, categories, or photographer names.

*Admin Panel:* Provides administrative control for moderating user content and managing the platform.

*Easy Navigation:* Provides easy navigation from one page to another.



## 5. FLOWCHARTS AND SCREENSHOTS

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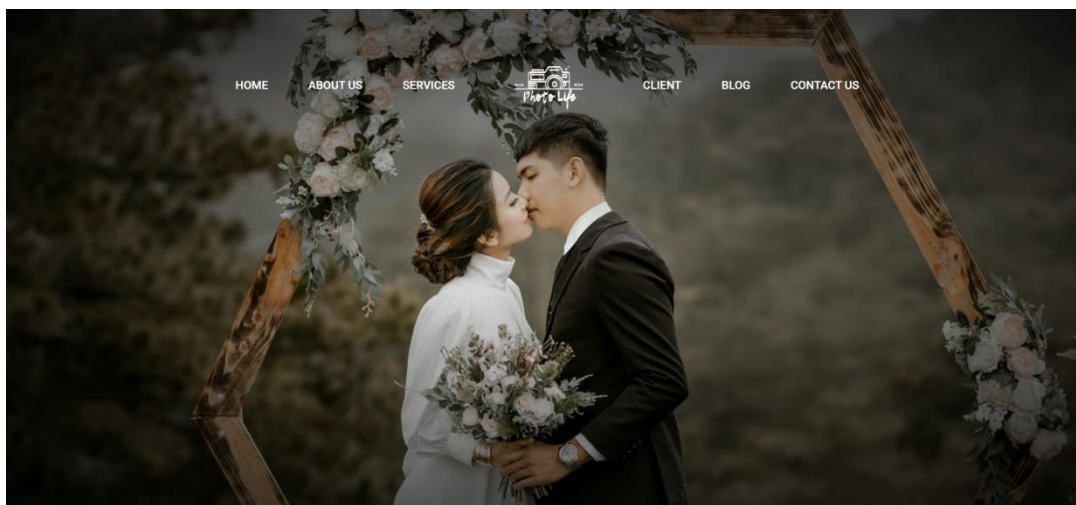
### 5.1 Flowcharts

User Flow:

1. Visitor lands on the homepage.
2. Options:
  - Explore galleries.
  - Our services
  - About us
  - Our Clients
  - Our Blogs
  - Contact Us
3. Visitors can:
  - View photos.
  - Comment or share
  - View Our Portfolios
  - Contact us for any events

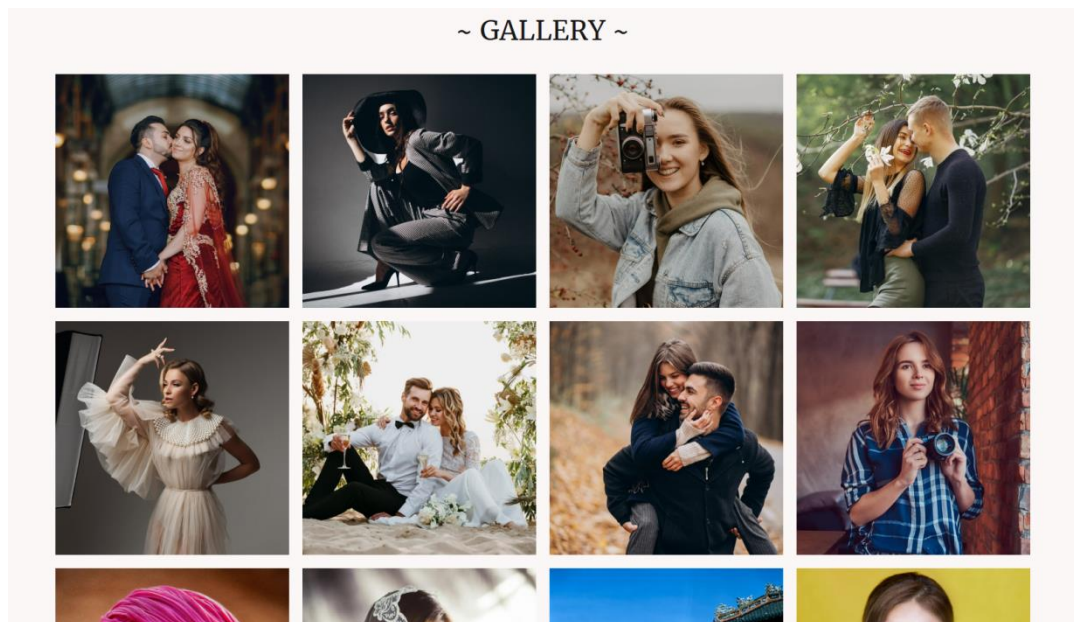
### 5.2 Screenshots

1. Homepage: A visually dynamic landing page with featured galleries.



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2. Gallery: A dedicated page for viewing individual photos with options to comment and share.



3. Contact Box: A dedicated place for user or individual to connect with us .

**Contact Information**

Fill up the form and our Team will get back to you within hours

Phone: +91 1235 2355 98

Email: info@photolife.com

Website: photolife.com

**Send us a message**

First Name

Last Name

Mail

Phone

Write your message

**Send Message**

HOME ABOUT US

STAY IN TOUCH

4. Services: A dedicated place for the user to see our services which we are providing at PhotoLife .

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~ SERVICES ~

At PhotoLife, we offer a range of professional photography services tailored to meet your unique needs. With a commitment to excellence and creativity, we strive to exceed your expectations, delivering captivating visuals that tell your story with authenticity and passion.

**Portrait Sessions**

~

Our portrait sessions are designed to showcase your personality and style in stunning imagery.

**Maternity Sessions**

~

Embrace the beauty and miracle of new life with our maternity and newborn photography sessions.

**Family Sessions**

~

Cherish the bond of family with our custom-designed playful candid moments and portrait sessions.


**Travelling Sessions**

~


Embrace the beauty and view of life with our travelling and trips photography sessions.

5. Portfolio: User can easily view our portfolios of different photography.


~ PORTFOLIO ~




Portraits



Weddings



Fashions

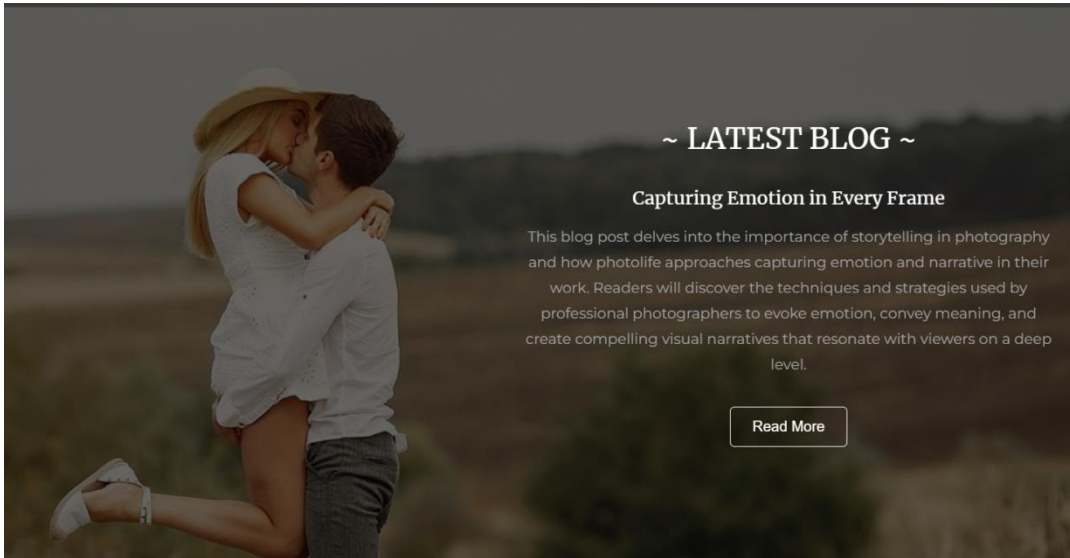


Travel

6. Blog: At PhotoLife we daily uploads blogs of different  
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moments of life which we captured in camera.



~ LATEST BLOG ~

**Capturing Emotion in Every Frame**

This blog post delves into the importance of storytelling in photography and how photolife approaches capturing emotion and narrative in their work. Readers will discover the techniques and strategies used by professional photographers to evoke emotion, convey meaning, and create compelling visual narratives that resonate with viewers on a deep level.

[Read More](#)

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## 6. FUTURE IMPLEMENTATION

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1. **E-Commerce Integration:** Add features to allow photographers to sell their prints directly from the website.
2. **AI-Based Search:** Implement AI tools for better image recognition and tagging.
3. **Multilingual Support:** Enhance accessibility for users worldwide by incorporating multiple languages.
4. **Mobile App Development:** Expand the platform's reach by launching mobile applications for Android and iOS.
5. **Subscription Plans:** Introduce premium memberships with additional features such as unlimited storage, analytics, and exclusive templates.

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**End of Report**



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