



COST 22073

Group Project – Group 4

Perfect lens Photography website

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01.Introduction

First the project involved planning the website's goals and objectives. The website was designed to showcase the photographer's portfolio and provide information about their services. The target audience for the website was identified as potential clients who were interested in hiring a professional photographer for events such as weddings, portraits, and other special occasions.

Once the project goals were established, the next stage was to design the website's layout and interface. The design was created to be visually appealing and user-friendly, with a focus on showcasing the photographer's work. The website's color scheme, fonts, and layout were chosen to reflect the photographer's brand and style.

The whole work will be done by all team members. Overall, this useful website can be really helpful for a photographer.

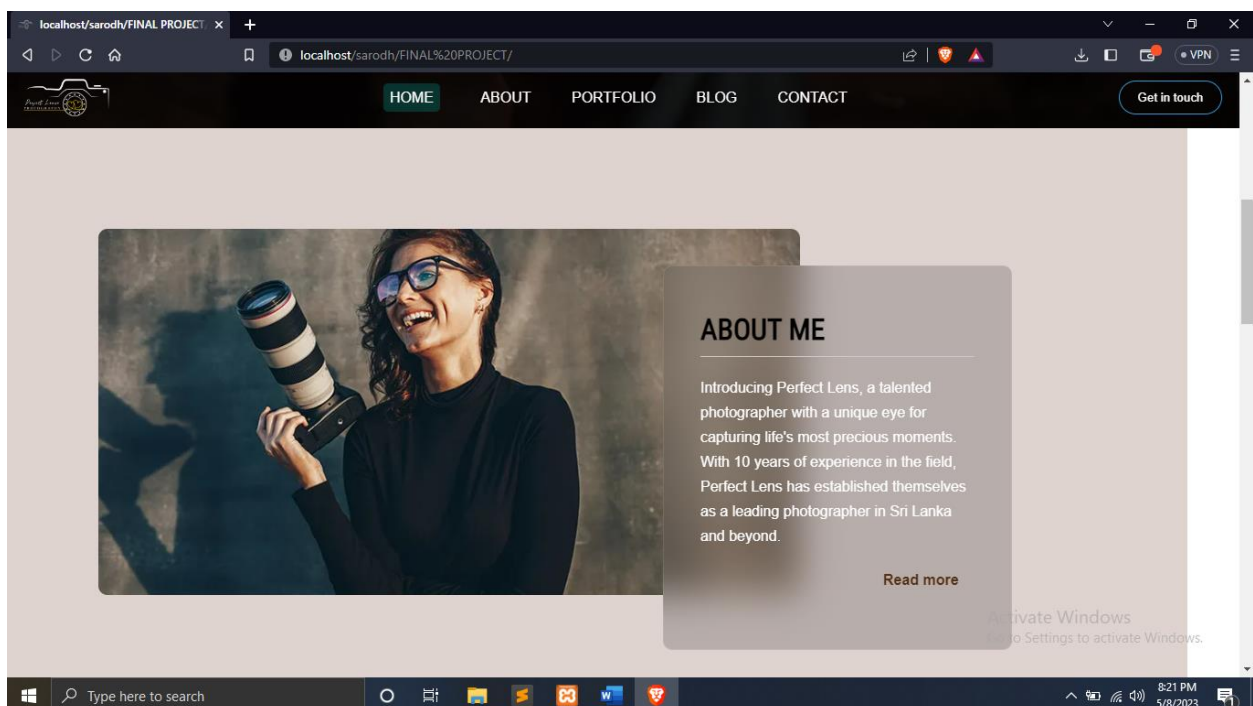
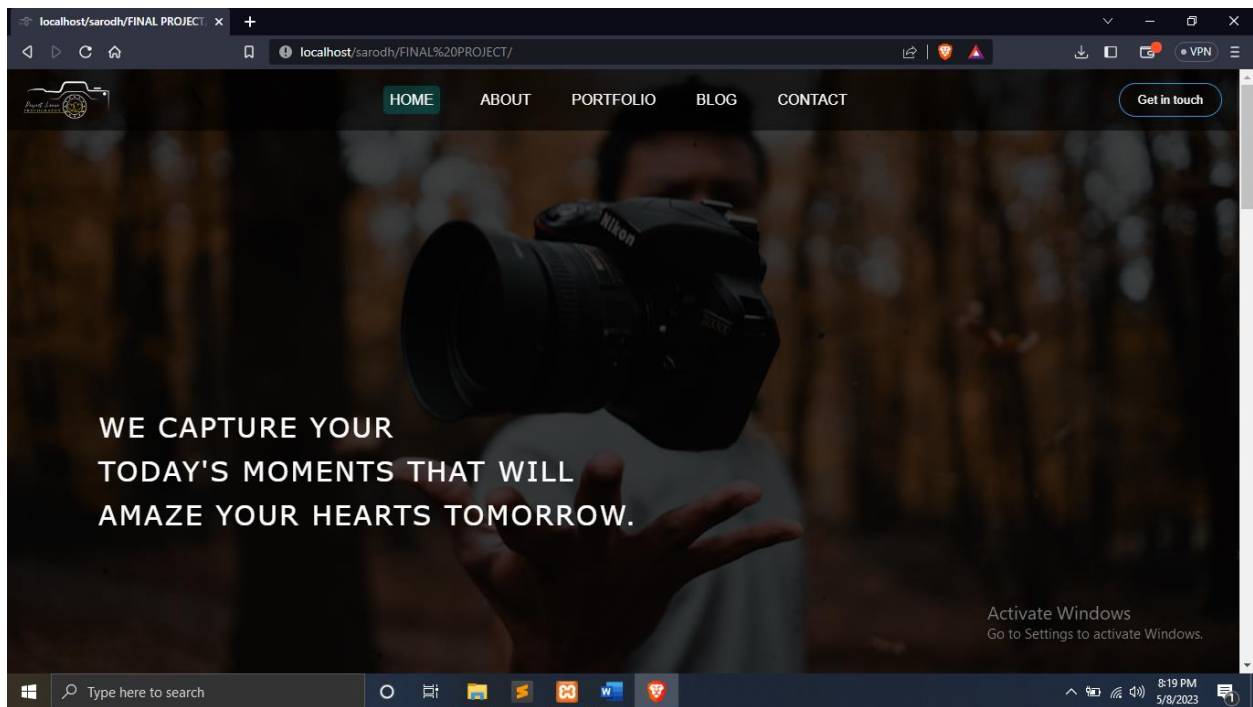
The web site includes - 'Home page, About page, Portfolio page, Blog page, Contact page and Get in touch page'. We used some kind of transitions to our home page to get more attraction from clients. Also have the links to connect photographer's social media profiles.

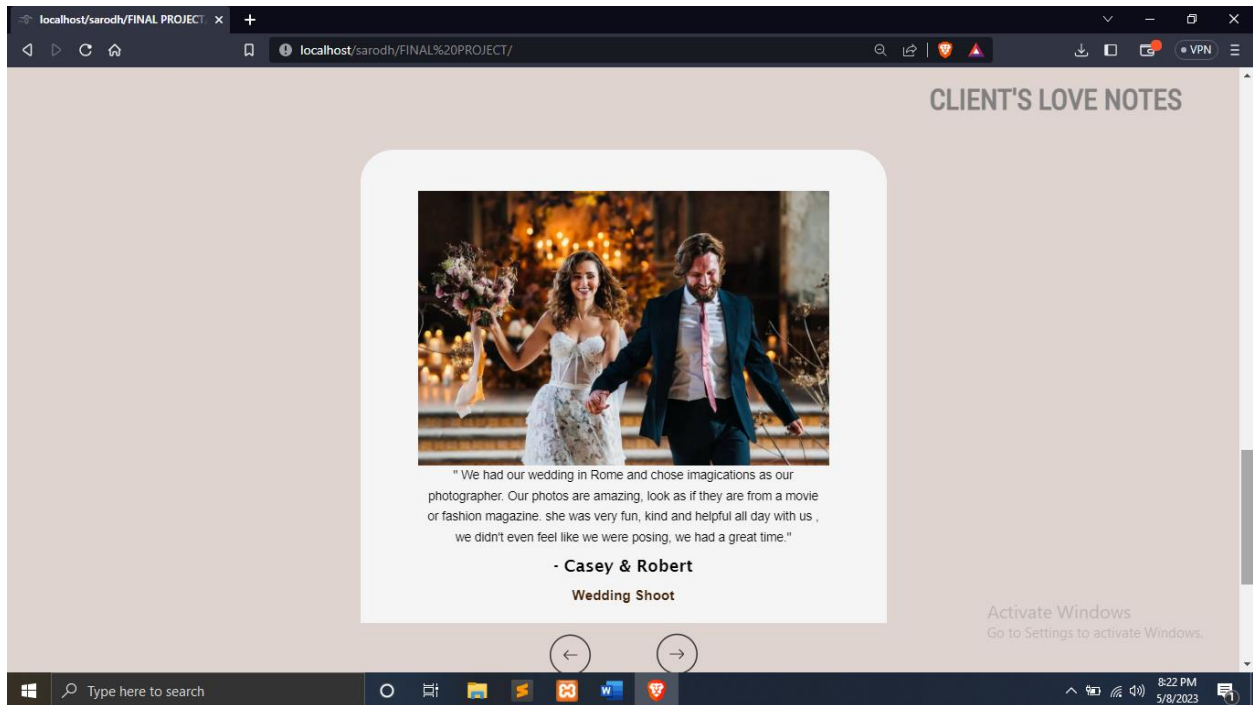
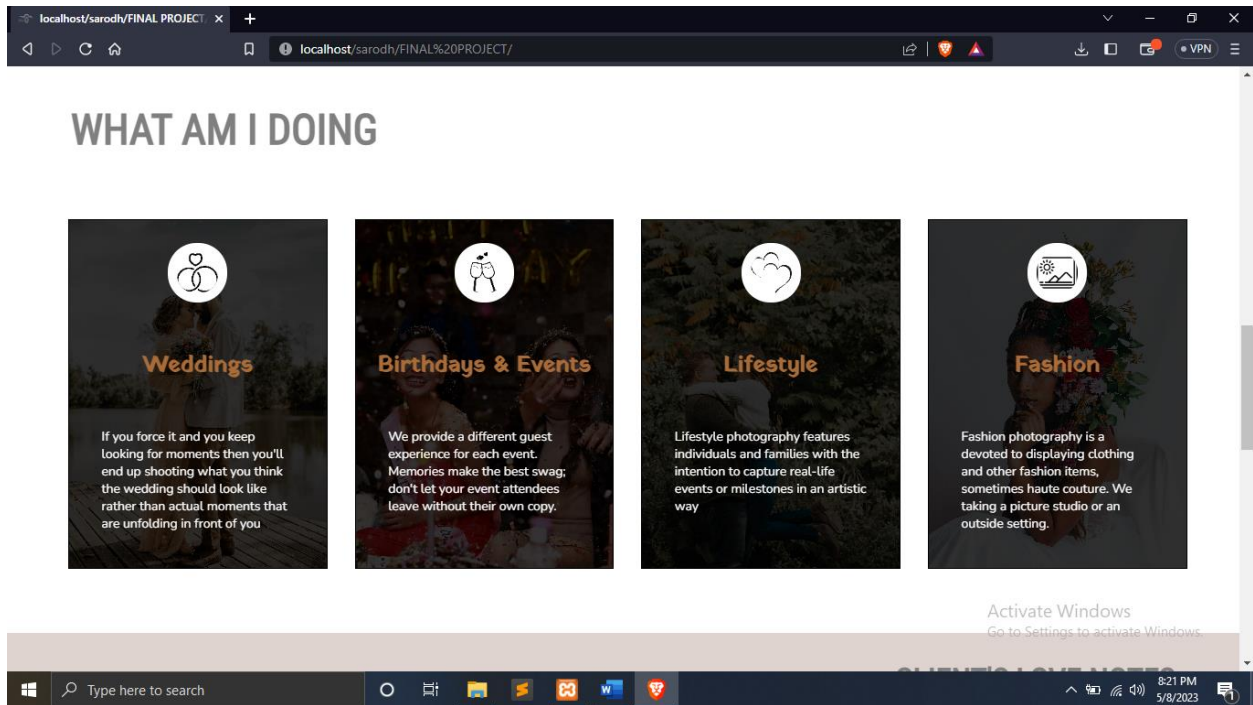
02.Functional requirements / Objectives

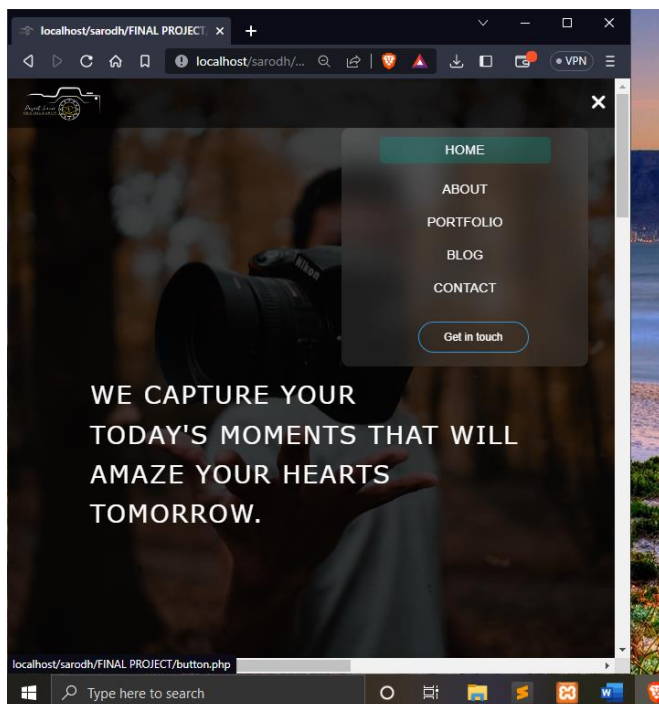
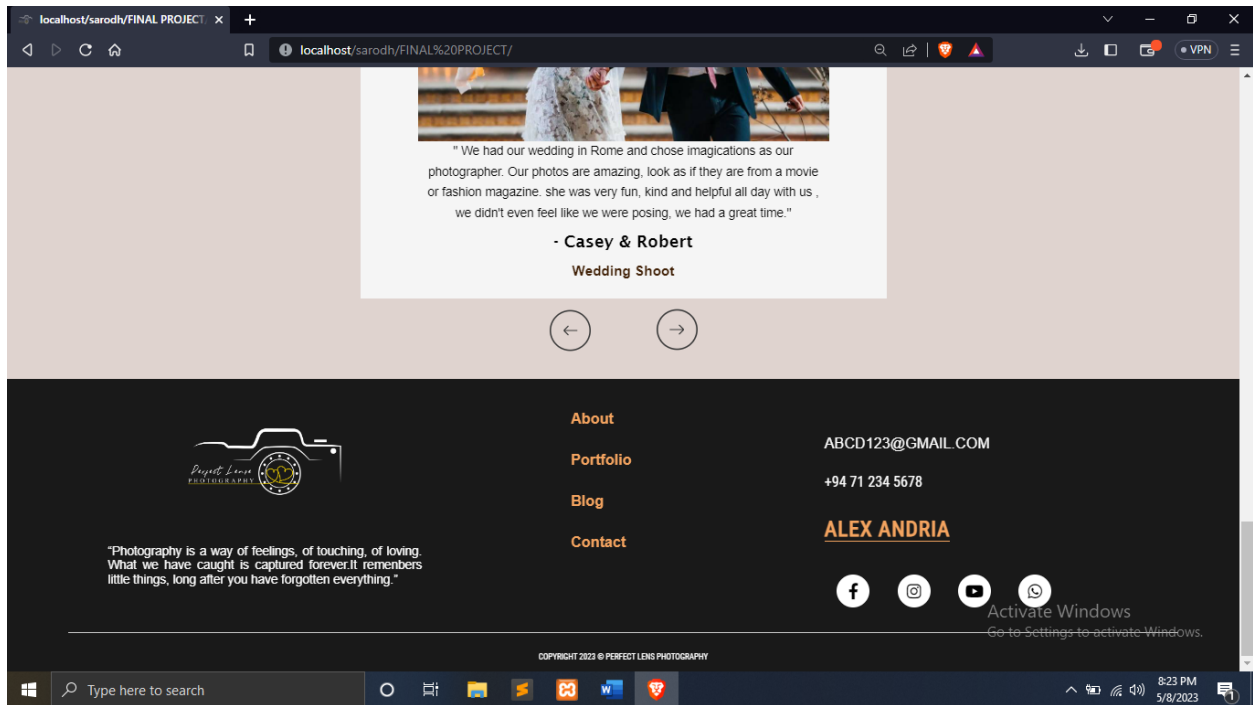
- Client management – the web site should allow clients to view, select, and purchase photos or services.
- Contact form - the customers can be able to contact with photographer through the contact form.
- Give information about the page – the page should introduce the photographer and their work. Information about the photographer, a photo of the photographer etc
- Social media integration – the web page should be able to link with photographer's social media profile and share photos directly from web site to social media.
- Blog – the website should have a blog to show their work, advices and keep the client update about their latest projects
- Portfolio display – the portfolio should display photographer's high quality images and videos in an organized way.
- Promote the photographer's services - such as wedding photography, portrait photography, or commercial photography.
- User friendly Interface - eye-catching, easy to navigate and have a responsive design that adapts to various screen sizes.

03.Design

Home page

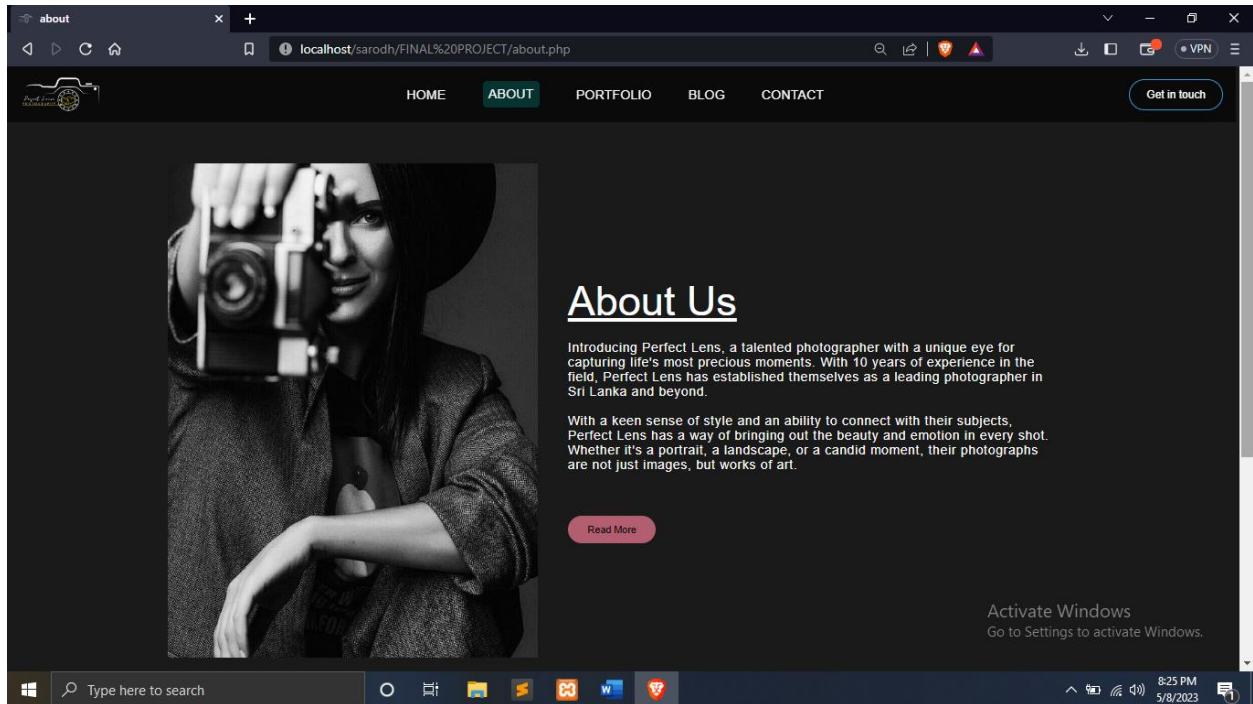






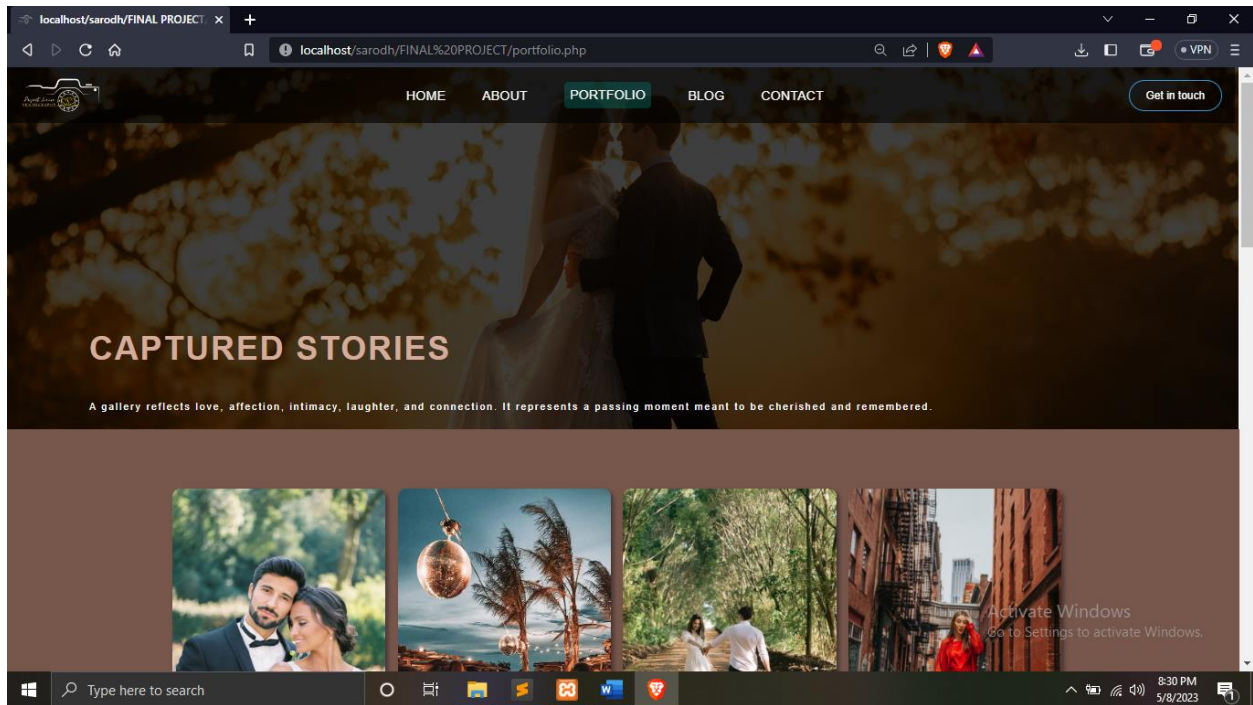
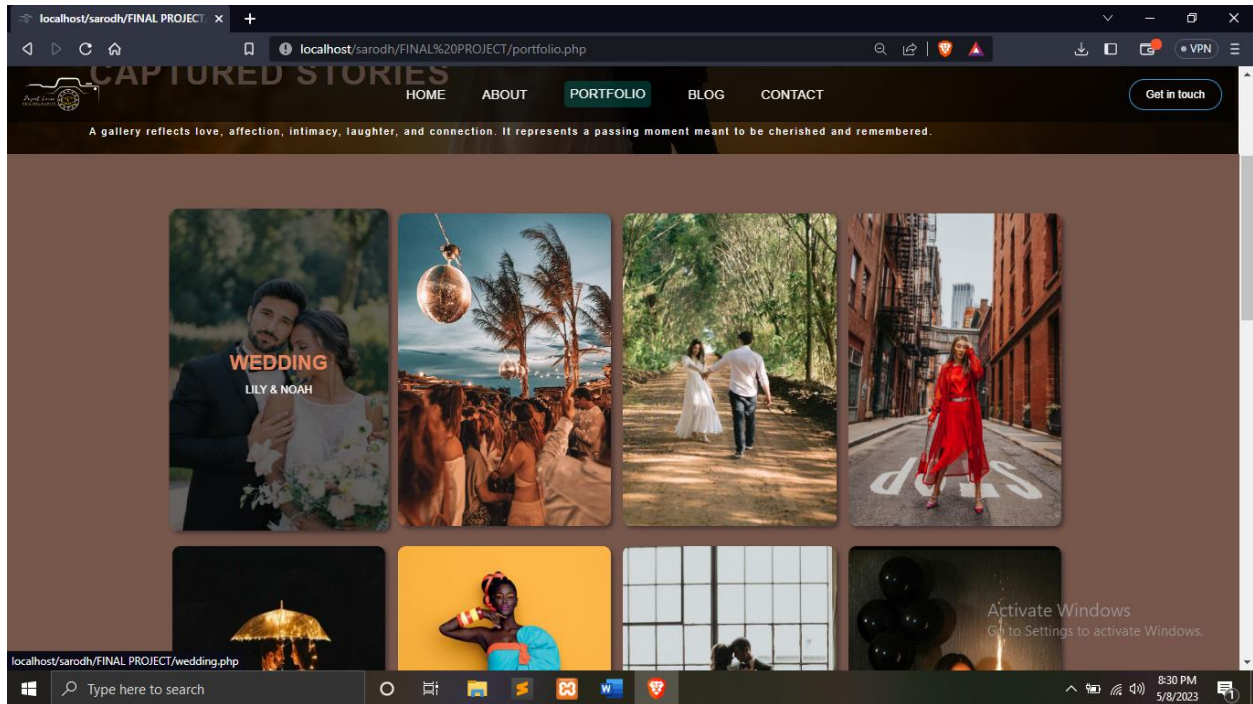
[1] [2] [3]

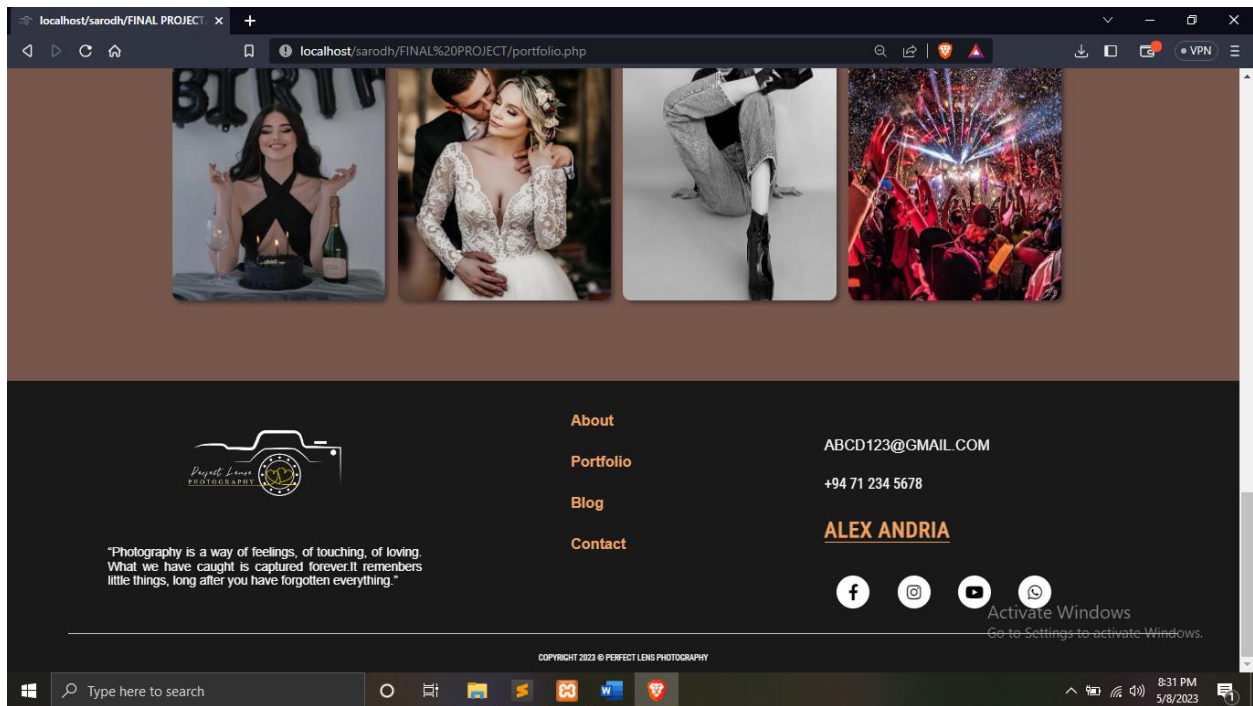
About page



[4]

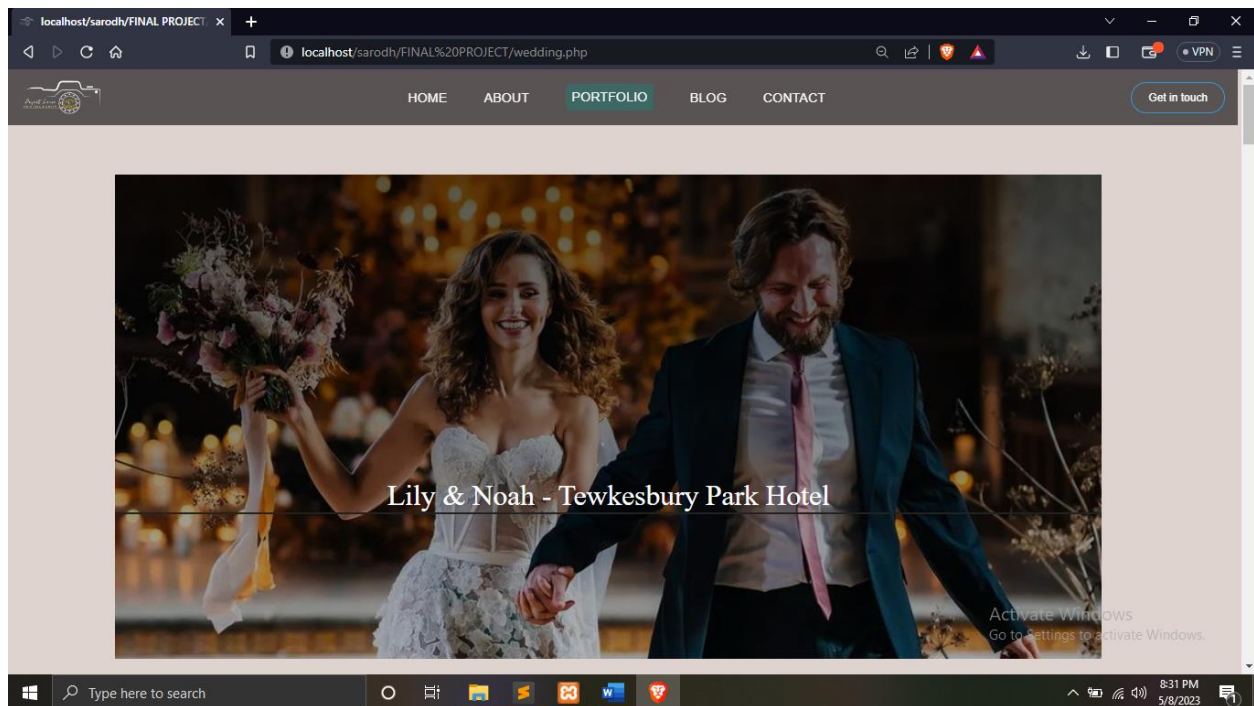
Portfolio page

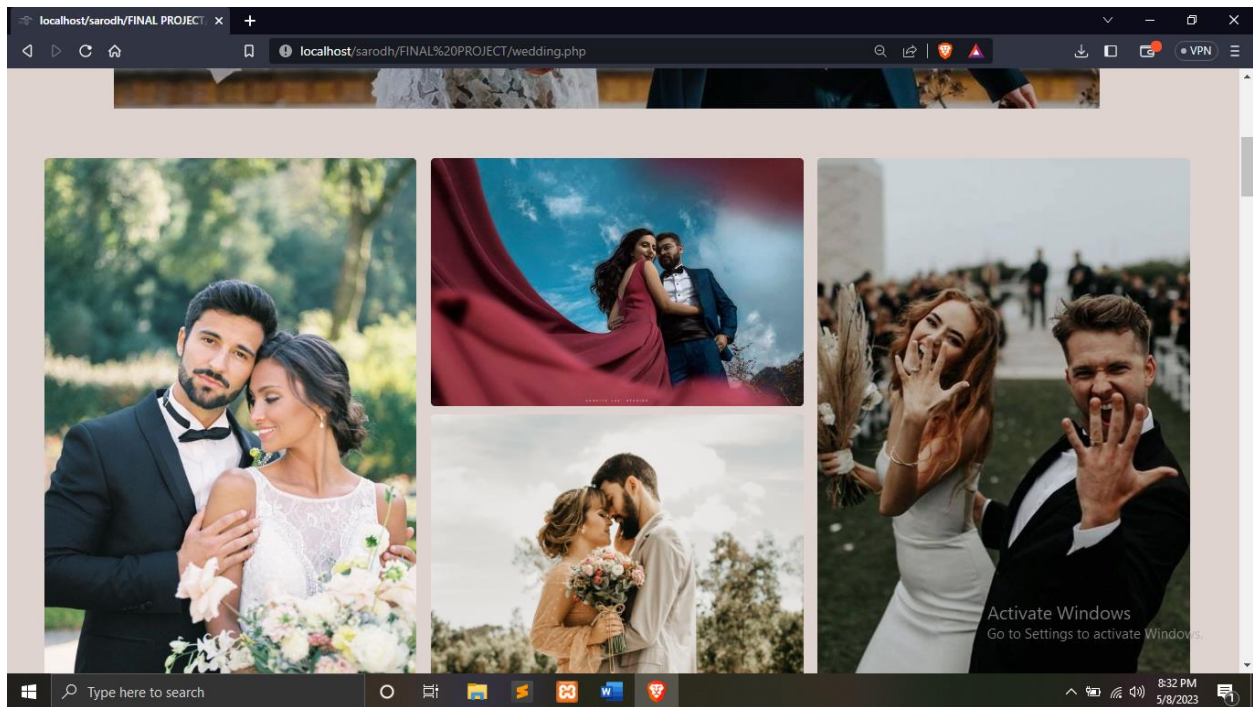




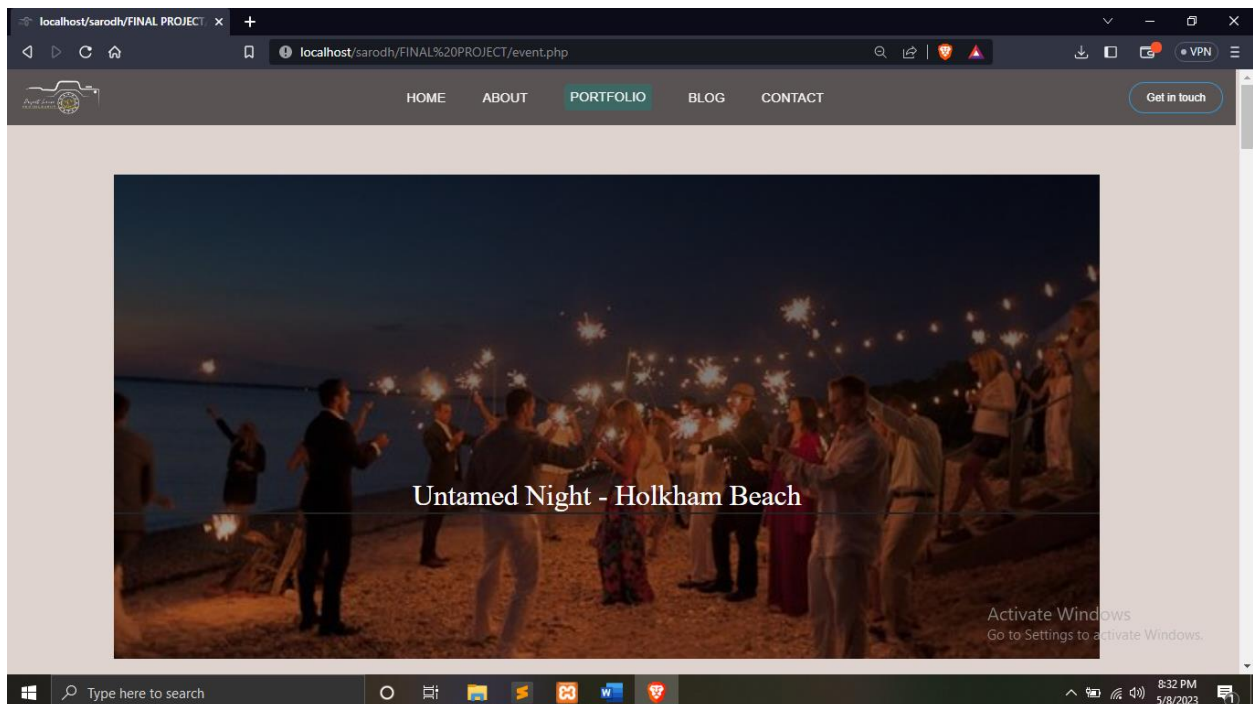
[5]

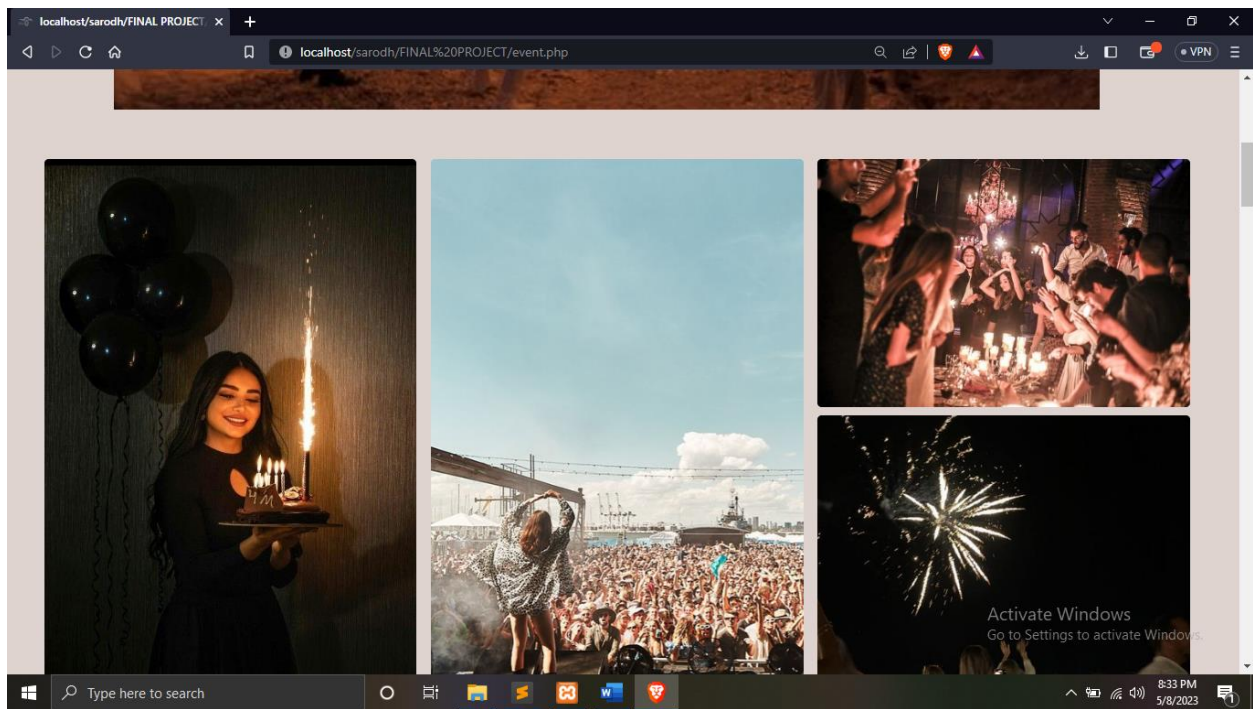
Wedding page



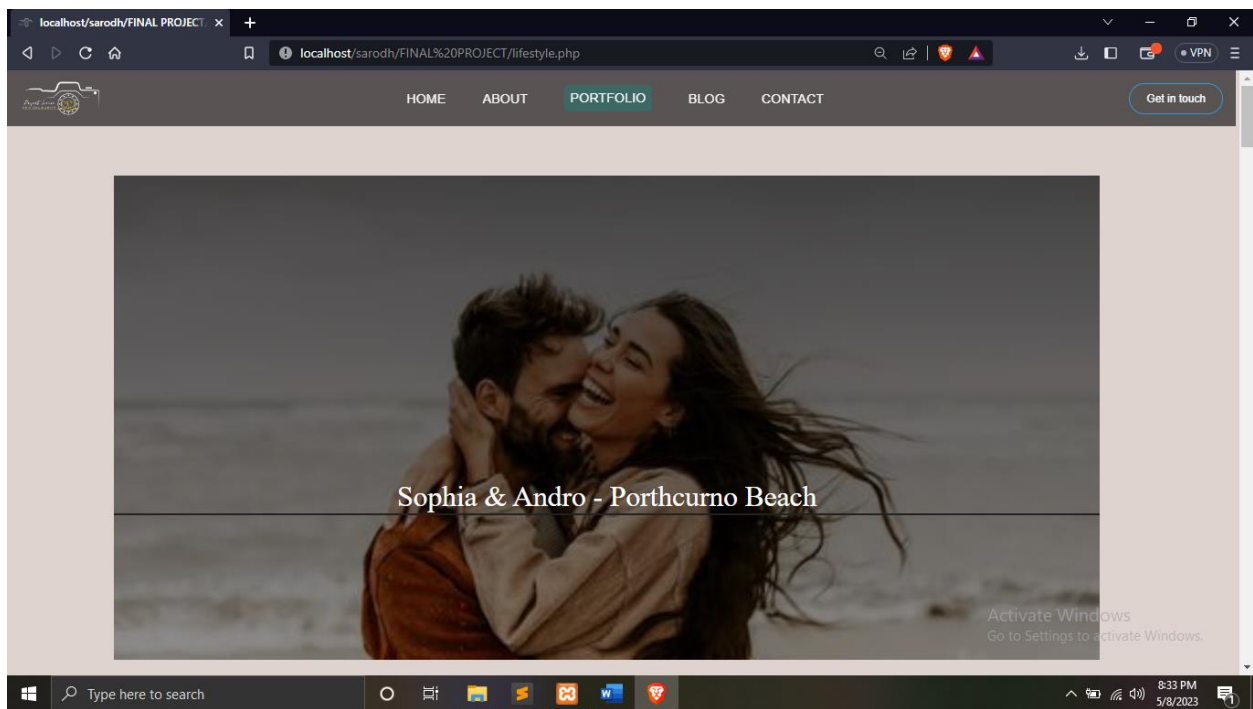


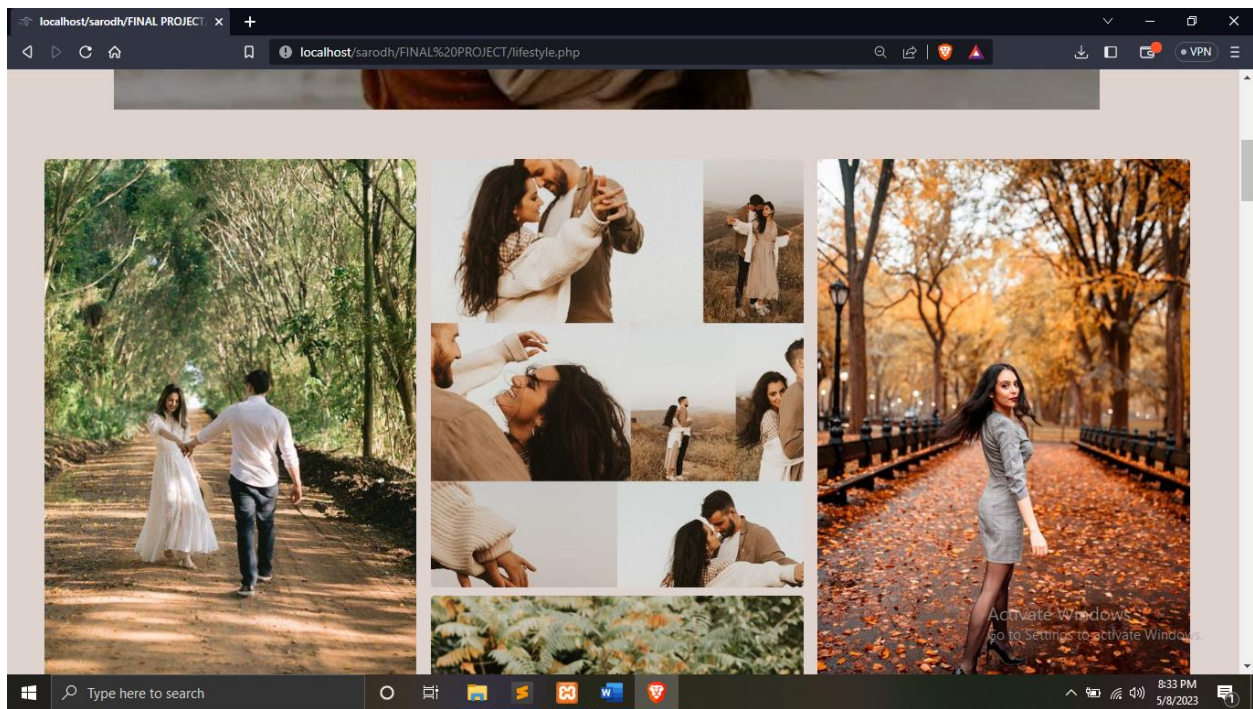
[Event page](#)



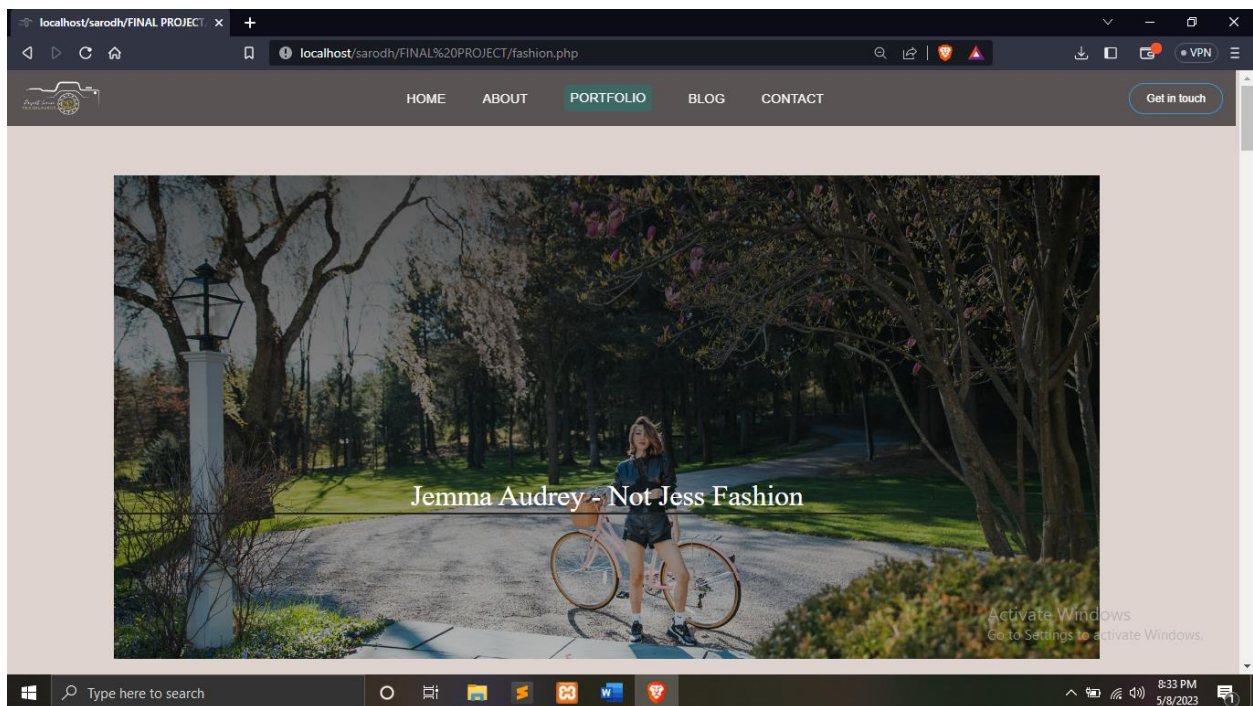


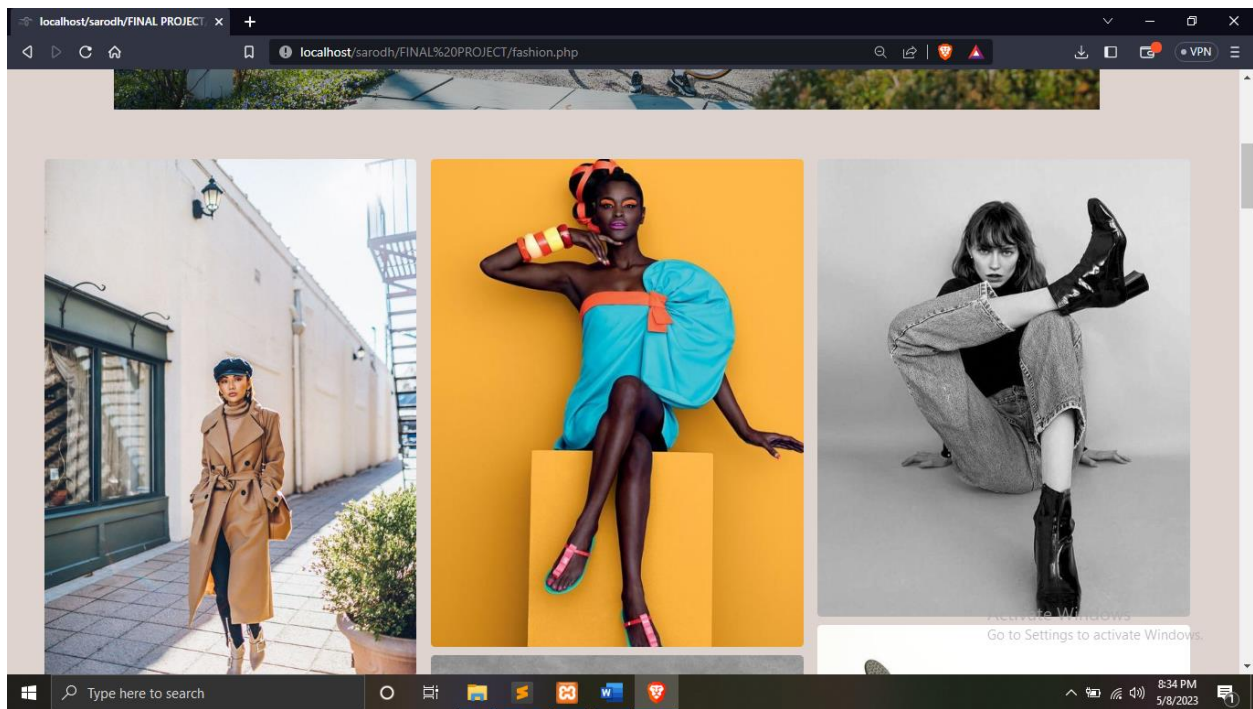
[LifeStyle page](#)





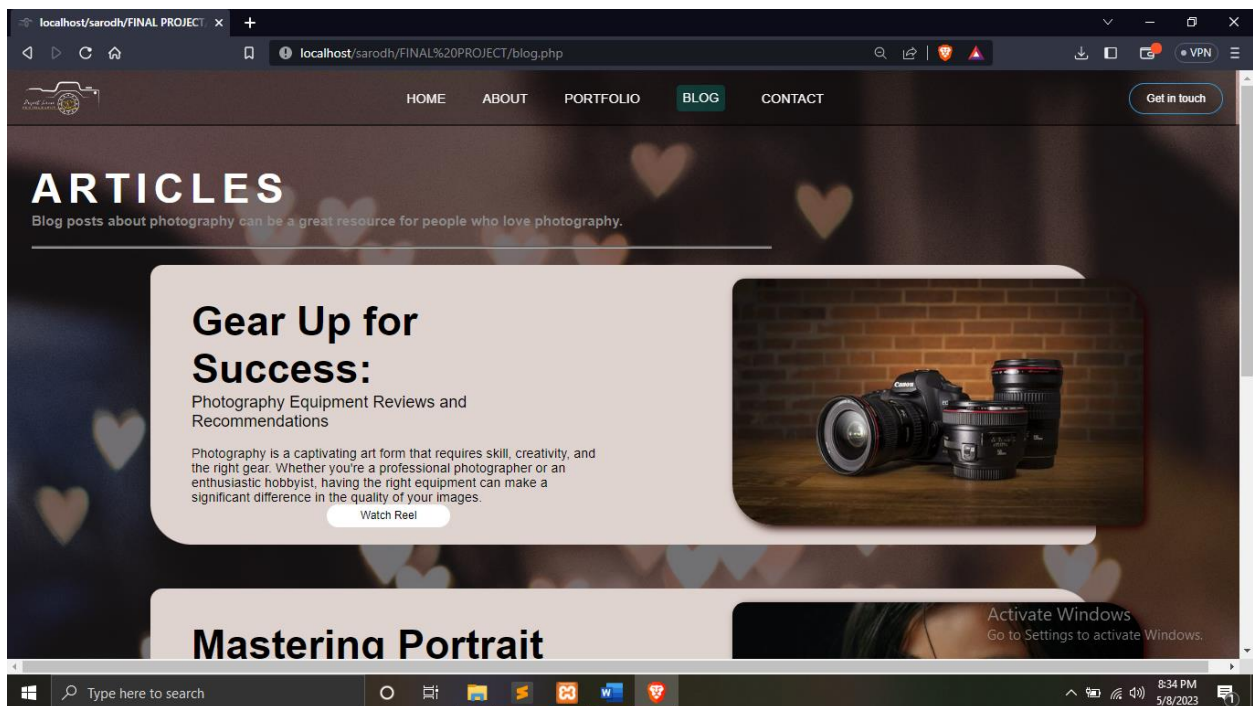
[Fashion page](#)

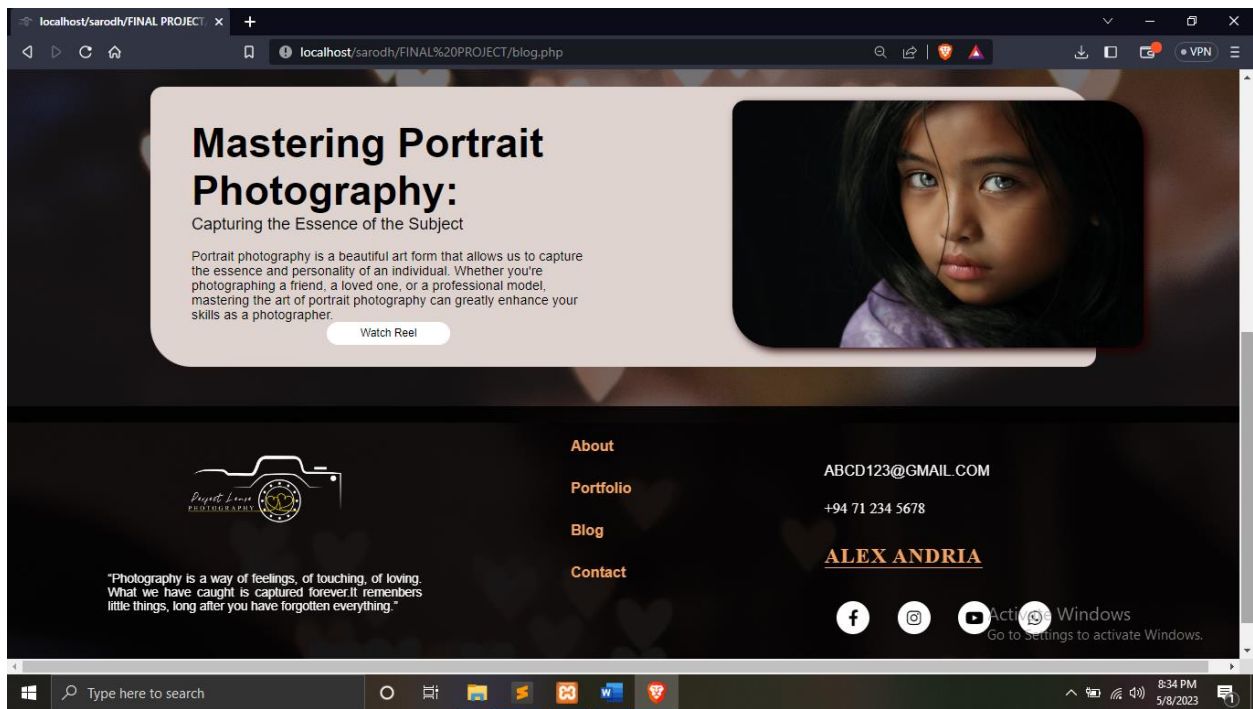




[6]

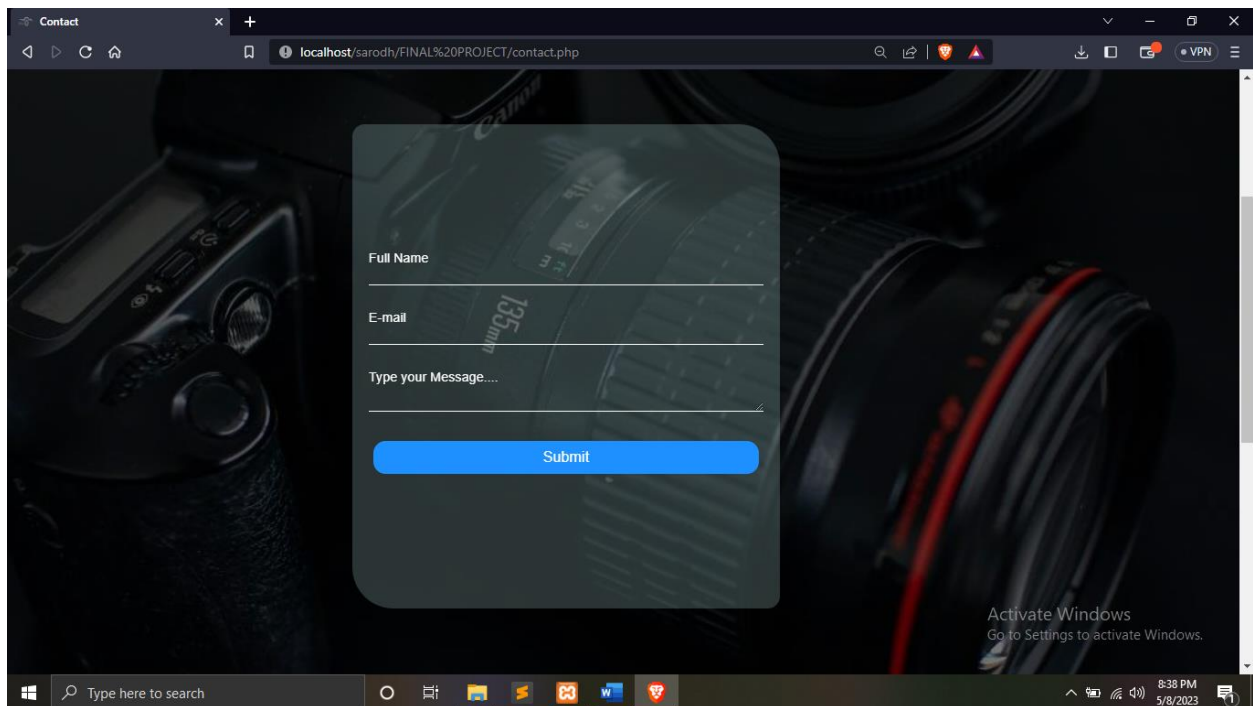
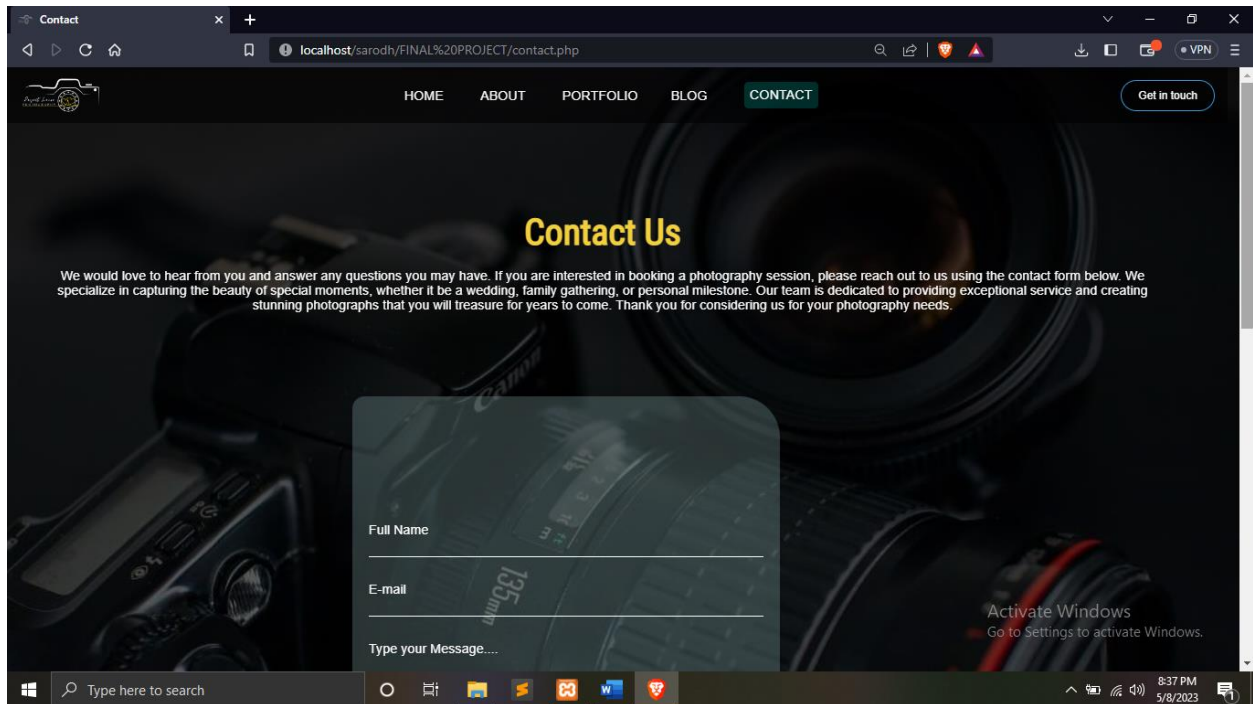
[Bolg page](#)

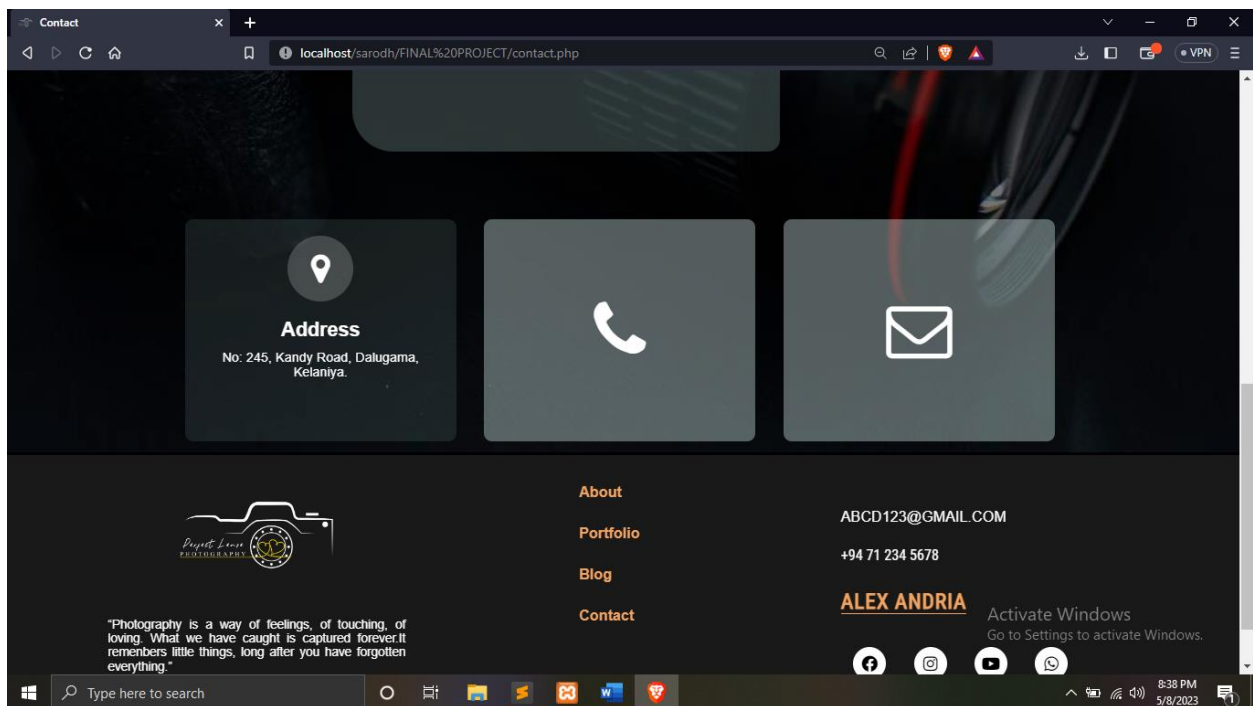
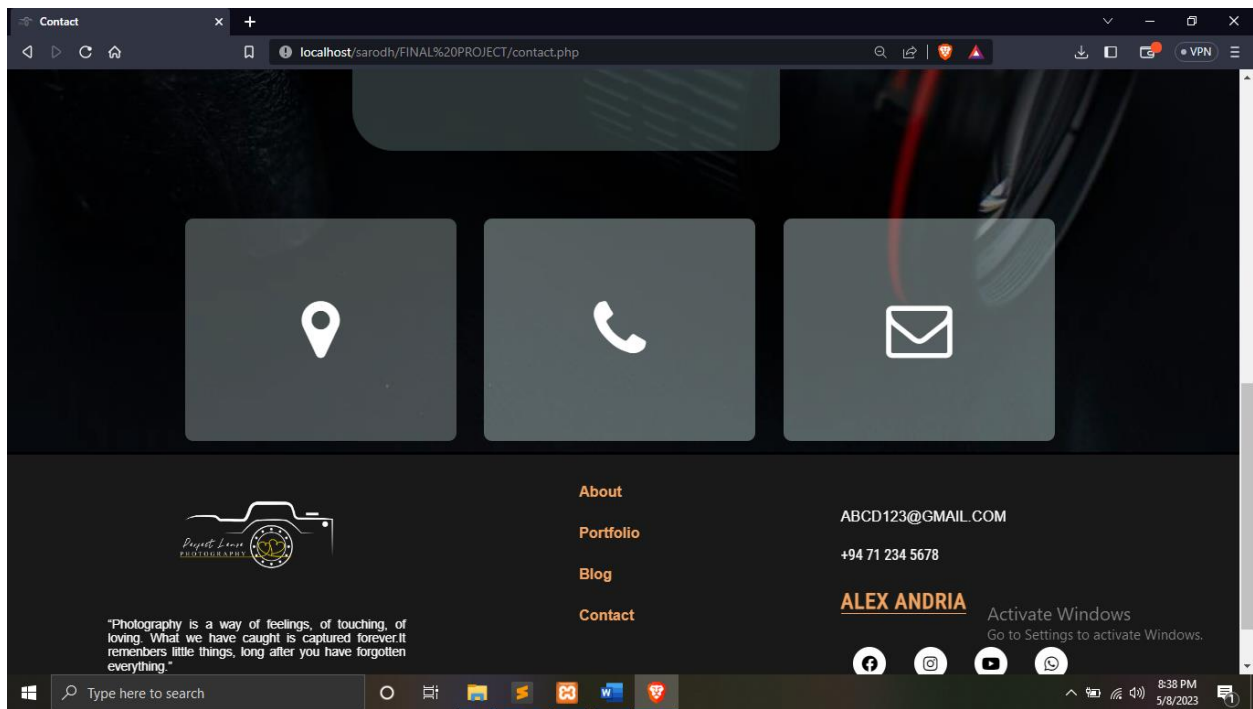




[7]

Contact page



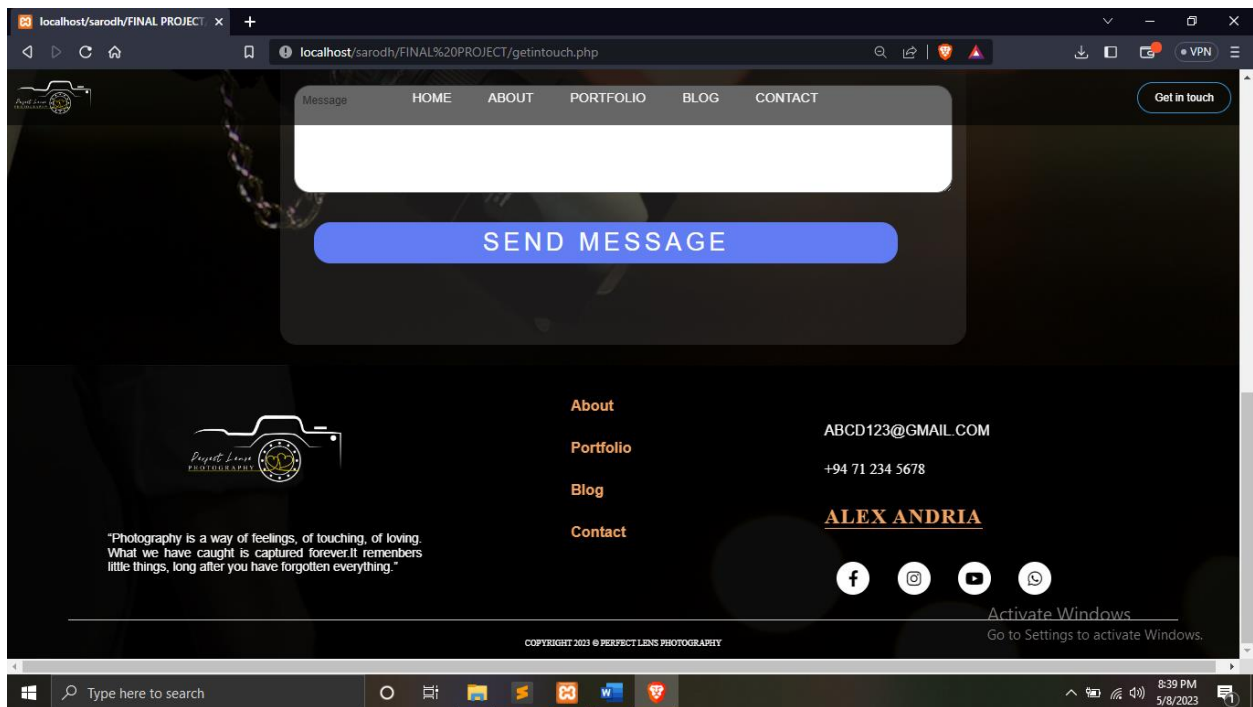


[8] [9]

[Get in touch page.](#)

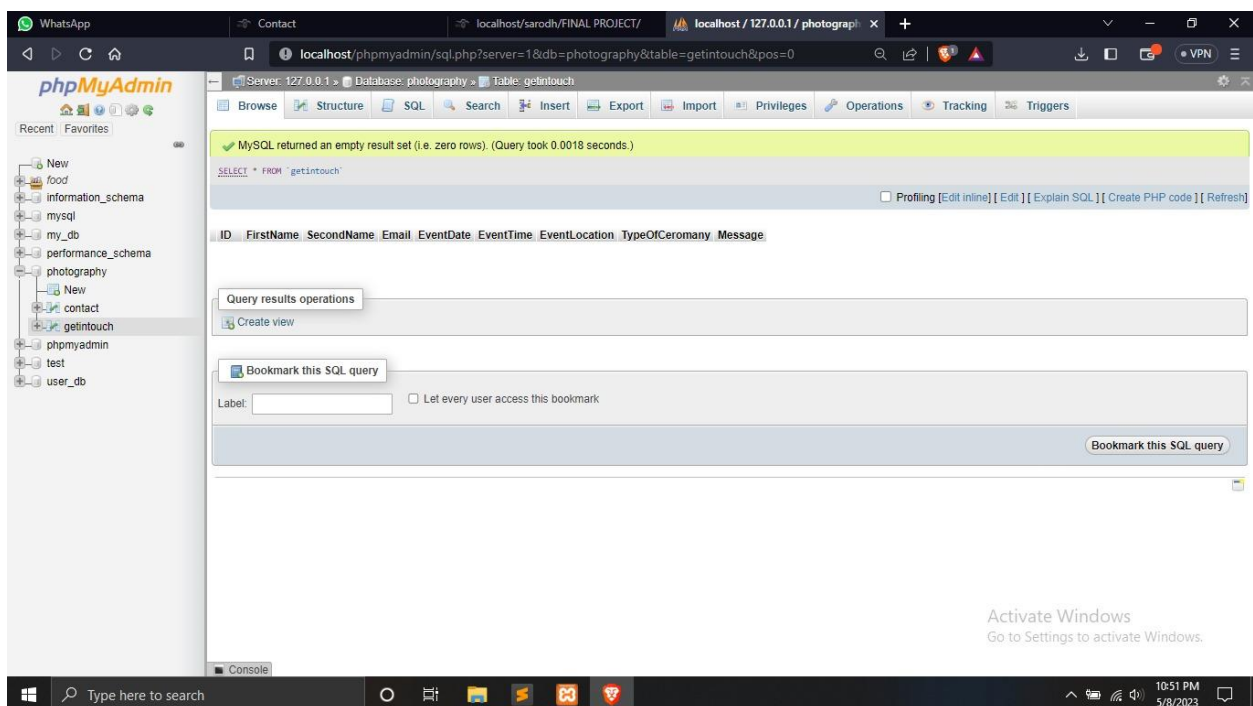
The screenshot shows a web browser window with the URL `localhost/sarodh/FINAL%20PROJECT/getintouch.php`. The page has a dark background with a blurred image of a person's hand and a bokeh light effect. The navigation bar includes links for HOME, ABOUT, PORTFOLIO, BLOG, and CONTACT, along with a 'Get in touch' button. The main heading reads 'GET IN TOUCH' and 'REQUEST A QUOTE', followed by the tagline 'We make your event most memorable'. The contact form contains five input fields: 'First name', 'Last name', 'Email', 'Event date', and 'Event Time'. An 'Activate Windows' watermark is visible in the bottom right corner of the page content.

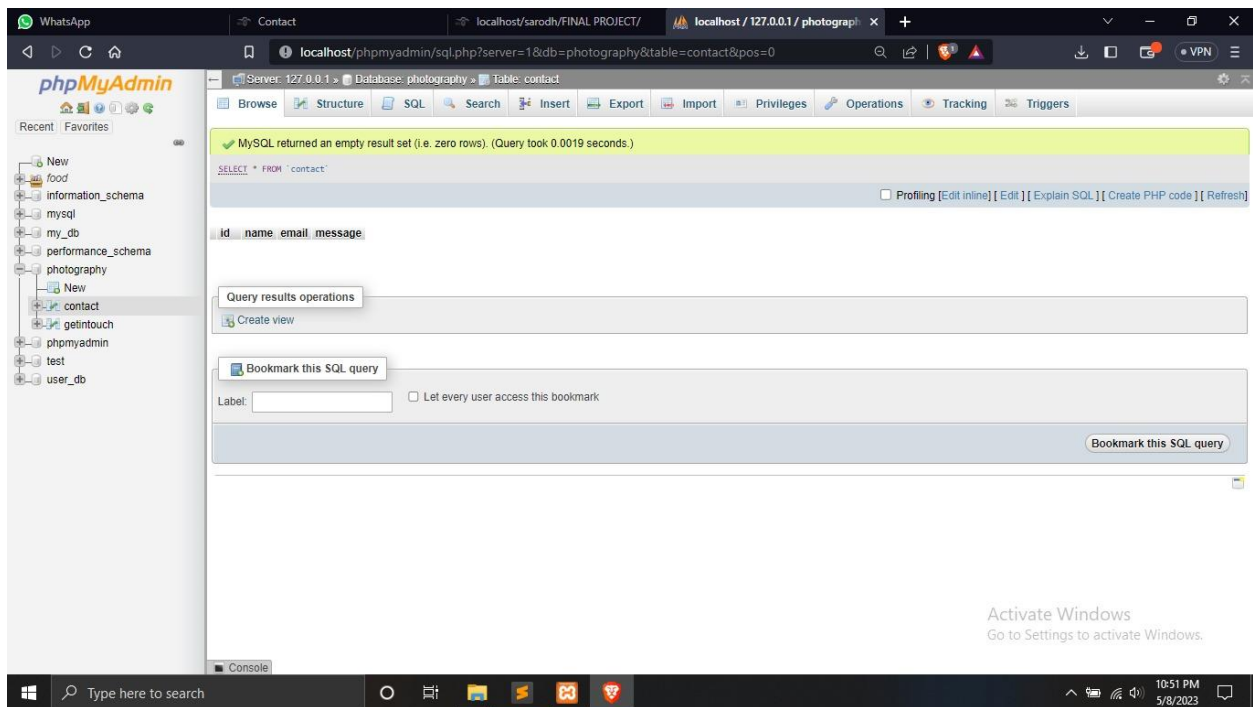
This screenshot shows the same 'Get in touch' page, but with additional form fields. Below the 'Event date' and 'Event Time' fields, there are three more inputs: 'Event location (Reception)', 'Type of the Ceromany' (a dropdown menu), and a larger 'Message' text area. The rest of the page layout, including the navigation bar and background, remains identical to the previous screenshot.



[10] [11]

Database





04.Implementation

Special code segments in Home page

<script>

```
const toggleBtn = document.querySelector('.toggle_btn')
const toggleBtnIcon = document.querySelector('.toggle_btn i')
const dropDownMenu = document.querySelector('.dropdown_menu')
```

```
toggleBtn.onclick = function(){
  dropDownMenu.classList.toggle('open')
  const isOpen = dropDownMenu.classList.contains('open')
```

```
  toggleBtnIcon.classList = isOpen
    ? 'fa-solid fa-xmark'
    : 'fa-solid fa-bars'
}
```

</script>

<script>

```
const Tswiper = new Swiper('.testimonial',{
  speed:400,
  loop:true,
```

```

        spaceBetween:100,
        navigation:{
            nextEl:".btn_next",
            prevEl:".btn_prev",
        }
    })
</script>
<script>
    ScrollReveal({
        reset: true,
        distance : '200px',
        duration: 2500,
        delay: 400
    });

    ScrollReveal().reveal('.services', { delay: 200,origin:'bottom' });
    ScrollReveal().reveal('.wrapper', { delay: 150,origin:'bottom' });
    ScrollReveal().reveal('.image', { delay: 150,origin:'bottom' });
    ScrollReveal().reveal('.text-box', {direction:'150px', delay: 350,origin:'right' });
    ScrollReveal().reveal('.reviews .title', { delay: 200,origin:'bottom' });
</script>

```

Special code segments in About page

```

<div class="main">
    <script type="text/javascript">
        const readMoreBtn = document.querySelector(".read-more-btn");
        const text = document.querySelector(".text");

        readMoreBtn.addEventListener("click", (e) => {
            text.classList.toggle("show-more");
            if (readMoreBtn.innerText === "Read More") {
                readMoreBtn.innerText = "Read Less";
            } else {
                readMoreBtn.innerText = "Read More";
            }
        });
    </script>
</div>

```

Special code segments in portfolio page

```
<div class="album-gallery">
  <div class="row">
    <a href="wedding.php"><div class="pic wedding" >
      
      <div class="desc">
        <h2>WEDDING</h2>
        <p>LILY & NOAH</p>
      </div>
    </div></a>
    <a href="event.php"><div class="pic b-E">
      
      <div class="desc">
        <h2>BIRTHDAY & EVENT</h2>
        <p>UNTAMED NIGHT</p>
      </div>
    </div></a>
```

Special code segments in wedding page

```
<div class="column">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  <span></span>
</div>
```

Special code segments in event page

```
<div class="column">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
```

```
<span></span>
<span></span>
<span></span>
<span></span>
<span></span>

</div>
```

Special code segments in lifestyle page

```
.cover{
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
  width: 80%;
  height: 80%;
  margin: 60px 130px;
  justify-content: center;
}
.cover p{
  font-size: 35px;
  color:white;
  padding : 370px 200px 0;
  font-family: 'Times New Roman', Times, serif;
  border-bottom: 3px solid #222;
  text-align: center;
}
.gallery{
  width:93%;
  margin: 0 45px 70px;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  text-align: center;
}
.gallery .box{
  display: flex;
  flex-direction: row;
  justify-content: space-between;
}
```

Special code segments in event page

```
.gallery .box{  
  display: flex;  
  flex-direction: row;  
  justify-content: space-between;  
}
```

```
.gallery .box .column{  
  display: flex;  
  flex-direction: column;  
  width: 32.5%;  
}
```

```
.gallery .box .column span img{  
  width: 100%;
```

```
}
```

```
.gallery .box .column span{  
  overflow: hidden;  
  margin-bottom: 10px;  
  border-radius: 5px;
```

```
}
```

```
.gallery .box .column span img:hover{  
  cursor: pointer;  
  transform: scale(1.2);  
  transition: .8s;
```

```
}
```


Special code segments in Blog page

[illegible]

special code segments of contact page

```
.trans {
    animation: fadeIn 1s;
}

@keyframes fadeIn {
    0% { opacity: 0; }
    100% { opacity: 1; }
}

.form .contact-form input {
    width: 30rem;
    background-color: transparent;
    border: 0px;
    border: transparent;
    margin: 20px;
    padding: 20px;
    font-size: 18px;
    border-bottom: 2px solid #fff;
    text-align: center;
    justify-content: center;
    padding: 5px;
}
```

special code segments of Get in touch page

```
div.container{
  display: flex;
  flex-direction: row;
  justify-content: space-evenly;
  align-items: center;
  text-align: center;
}
.container .btn-2{
  background-color: #627CF4;
  width: 710px;
  letter-spacing: 5px;
  font-size: 30px;
  height: 50px;
  border: none;
  color: white;
  border-radius: 20px;
  transition: ease-out 0.3s;
  outline: none;
  border: #px solid #42FBF2;
  position: relative;
  z-index: 1;
}
.btn-2: hover{
  color: #fff;
  cursor: pointer;
}
.btn-2:before{
  border-radius: 20px;
  transition: 0.5s all ease;
  position: absolute;
  top: 0;
  left: 50%;
  right: 50%;
  bottom: 0;
  opacity: 0;
  content: "";
  background-color: #42FBF2;
}
```

05.Used tools

- The website will be built using Visual Studio & Sublime Text Editors. In order to alter the appearance and functioning of the website, we will also use HTML, CSS, JavaScript, and PHP. Also, we will edit and prepare the photographer's photos for the web using Adobe Photoshop and Lightroom.

06.Initial plan vs actual plan

- At the initial plan we decided to add webpages such as a home page, portfolio page, service page, store page, blog page, and contact page.
- And we decided to include search function that enables users to search for specific images and categories.
- And we decided to create design that be visually appealing and user-friendly by using specific color theme and layouts.
- Actual plan changed to some extent. In the initial plan we decided to add 7 webpages such that mention before. But at the actual plan we have not allocated a separate webpage for services. We show them in a separate section of the home page.
- Instead of that we create a 'Get in touch' page to extend the functionality of the website. It includes the ability to make a request to cover their occasion.
- In initial plan we thought to design a store page to show all the pictures that photographer captured. But at actual plan we change it and design a portfolio page to show photographer's captured album covers ad through those covers to showcase relevant image gallery separately. For that we create different image galleries specific to the album.
- But at that moment we understood it be much complicated to create different image galleries. Therefore we design 4 image gallery pages relevant to the type of services, such as 'Wedding', Birthdays & Events', 'Lifestyle', 'Fashion'.
- And at actual plan we decide to connect database to our contact form and request form.

07. Work contribution table

	Pramodya Madhubhashini	Tishani Navodya	Sithum Illangathilaka	Sarodh Samarasinghe
Developed pages	Home page Portfolio Lifestyle page Fashion page	About page Blog page	Contact page Wedding page	Get in touch Event page
Faced problems	The search bar couldn't work properly. Couldn't filter album categories	Had an issue in transitions	Had an issue with validating email	Had an issue with connecting database
Learnt lessons	Learnt to give transitions to web page. To make an album gallery.	Learnt to give transitions to web page	Learnt more about border radius property	Learnt about connecting database. Redirecting after submitting form.

08. Future enhancements of the project

- A photography website with e-commerce features can enhance sales and revenue by enabling customers to buy prints, digital photographs, and other products directly from the website.
- Including video content on the website can provide visitors a more thorough understanding of the photographer's products and services.
- Making a mobile app can give customers a simple method to use their mobile devices to browse the photographer's portfolio, schedule sessions, and buy products.
- Customers can browse their photographs, view their orders, and connect with the photographer in a private, secure portion of the website by adding a client portal.

09.Details of group members

- P. M. Thotabaddadurage – HS/2019/0553
 - thotaba-hs190553@stu.kln.ac.lk
 - 075 576 5567
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- K. M. S. Samarasinghe - HS/2019/1244
 - samaras-hs191244@stu.kln.ac.lk
 - 077 86 43297
 -

References

- [1] [Online]. Available: <https://youtu.be/7kOGCgUuCPY>.
- [2] [Online]. Available: <https://youtu.be/q3u5J4Lg2CY>.
- [3] [Online]. Available: <https://youtu.be/GdrbE-s5DgQ>.
- [4] [Online]. Available: <https://youtu.be/JSillsENcA8>.
- [5] [Online]. Available: <https://youtu.be/U-CujW5OIW0>.
- [6] [Online]. Available: https://www.youtube.com/watch?v=Trw_9lisYVY&t=999s.
- [7] [Online]. Available: <https://youtu.be/ZFQkb26UD1Y>.
- [8] [Online]. Available: <https://www.youtube.com/watch?v=BOBWPJM9V-c>.
- [9] [Online]. Available: <https://www.youtube.com/watch?v=IFai8qTKvEM&t=1s>.
- [10] [Online]. Available: <https://www.youtube.com/watch?v=Nmaw6pBEsI8>.
- [11] [Online]. Available: https://www.youtube.com/watch?v=CMgl_etzITI.
- [12] [Online]. Available: <https://youtu.be/U-CujW5OIW0>.

