

e-Project Waterworld

Sanjalika WaterWorld

Developer Guide

Supervisor	Miss Maryam Naz
Batch	2510E1
Group	B

Serial No	Enrolment No	Student Name
1.	Student1700475	MUHAMMAD USMAN AHSAN KHOKHAR
2.	Student1696078	NIMRA ZIA
3.	Student1694522	ZOHA RAFI
4.	Student1694519	MUHAMMAD USAID

Acknowledgement

The first, we would like to express my special thanks of gratitude to my teacher **Miss Maryam Naz** who helped us a lot in finalizing this project within the limited time frame, valuable counselling and assistance for the accomplishment of this project.

Secondly we would also like to thank the eProject team at **Aptech Head Office**, who gave us the golden opportunity to do this wonderful project about Aura Watch.

Thirdly, we also thank the eProject team, some of the benefits are as under:

- Re-enforcement of skills happens in the experiential learning process.
- A mentor, ensuring that we do not get drifted, constantly guides us.
- It gives us a lot of confidence to face an interview as we have worked on a project. We can explain virtually everything on the subject we have learnt.

Synopsis

The **Sanjalika Water Park** Website is a modern and interactive platform designed to promote a water park and provide visitors with complete information in an engaging way. The website allows users to explore exciting rides, view gallery images, check food menus, and book tickets online with ease. Its colorful design and smooth navigation create a fun and refreshing digital experience.

The main objective of this project is to enhance customer convenience and improve the park's online presence. Developed using HTML, CSS, and JavaScript, the website features responsive design, interactive animations, and an easy-to-use booking system.

In conclusion, **Sanjalika Water Park** Website is a creative and user-friendly digital solution that helps attract visitors and provides a convenient way to plan and enjoy a memorable water park experience.

Problem Solving

The **Sanjalika Water Park Website** is developed to solve common problems faced by visitors, such as lack of information, long ticket queues, and difficulty in planning their visit. Many customers struggle to find details about rides, ticket prices, timings, and facilities. This website provides all necessary information in one place, making it easy for users to explore attractions and services. The online booking system reduces waiting time and improves ticket management efficiency. The gallery and FAQ sections help answer common questions and give visitors a clear preview of the park. Overall, the website offers a convenient, organized, and user-friendly solution that enhances customer satisfaction and improves the park's management system.

So, we solved many particular queries as followed:

- Provides complete information about rides, ticket prices, timings, and facilities in one place.
- Reduces long waiting lines through an online booking system.
- Helps visitors plan their visit easily and efficiently.
- Displays gallery images and videos for a clear preview of the park.
- Answers common questions through the FAQ section.
- Improves communication through an online contact form.
- Strengthens the water park's online presence and management system.
- How the sitemap possibly looks alike?
- What information should be displayed on each page?
- How to give users the best experience when using the website?

Customer Requirement Specification

The **Sanjalika Water Park** Website is designed to provide visitors with an engaging and convenient way to explore the park & view attractions. Features like galleries and contact forms enhance user experience and simplify planning a visit.

Key Requirements:

- The Web site is to be created based on the following requirements.
- The Home Page should be created with proper sections and with a suitable logo
- The Home page should be the welcome page, also booking and timing must be shown.
- Other link such as “Park Information”, Rides and slides”, Gallery, Food zone,
- Facilities, Location Map, Contact us, About us must be included in the application.
- The name of each slide with its description and image must be added in the website
- Navigation must be smooth throughout the project.
- Also Images must be properly defined with alt attribute
- Colour Combination must be professional.
- Each link must be defined.
- Inner navigation must also be smooth.
- Booking feature can be added.
- Download as pdf or doc file for information can be added.

Scope Of The Work (In Brief)

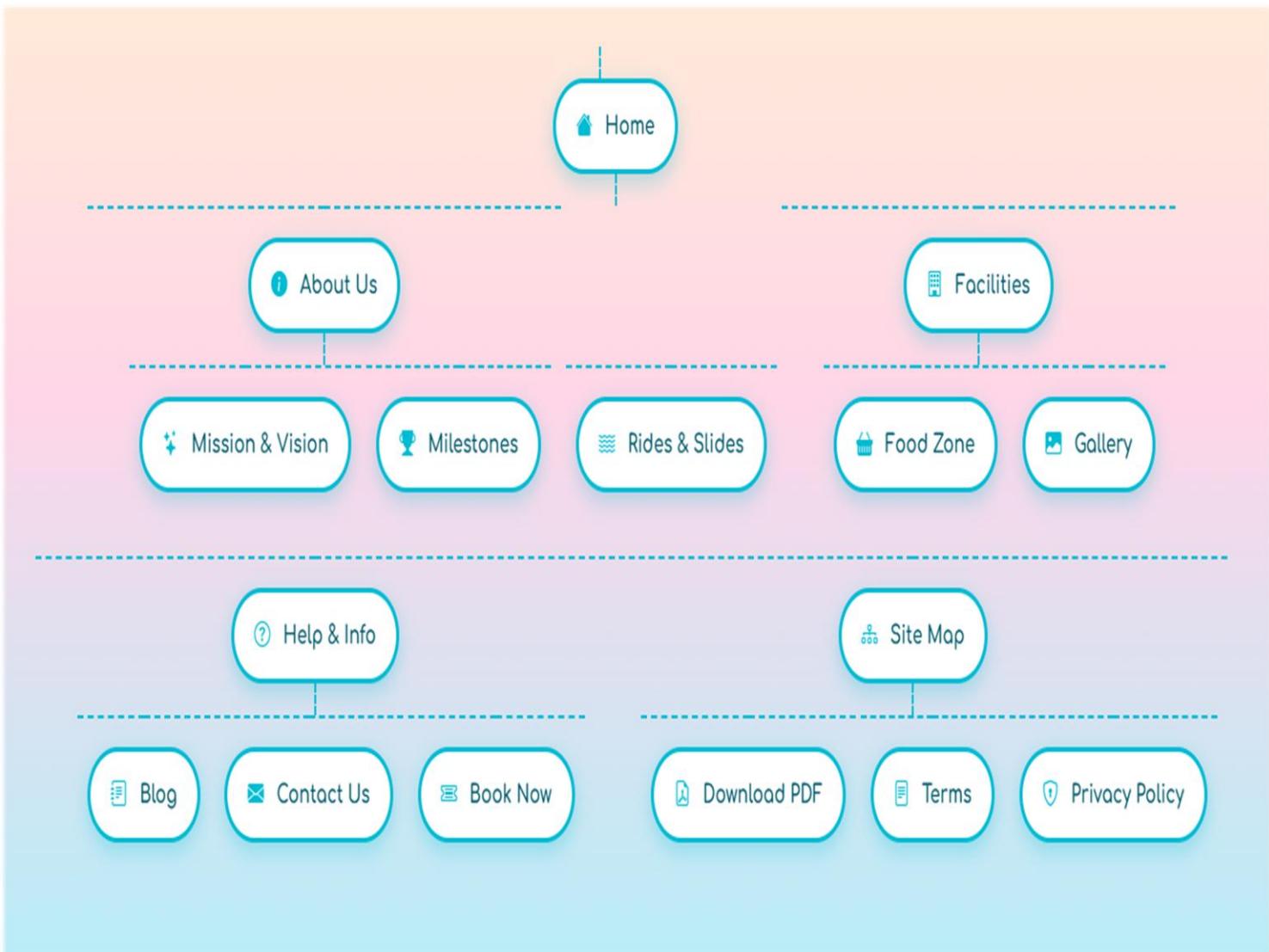
The website is to be developed for the Windows Platform using HTML5, Bootstrap, Css, JavaScript and Geolocation. The site should work well in all leading browsers

including Chrome, IE, Firefox etc..

Homepage showcase our Kids Zone, Our Cave, Facilities, Bookings and so on...

Every content direct to relative content.

SiteMap English



WireFrames

1.Main Layout

Sanjalika WaterPark

Home AboutUs Rides Parkinfo Gallery Contact Sitemap BookNow

Carousel

Content

Social
links

Quick
links

Contact
info

Newsletter

Enter Email

Send

Sanjalika WaterPark

1.HomePage [index.html]

YOUR ULTIMATE SPLASH ESCAPE™

Welcome to Sanjalika Water Park

Pakistan's Most Refreshing Water Park Experience!

PARK STATUS: **CLOSED NOW** | 10AM - 8PM

Attractions

Dive into thrill, mystery and unforgettable adventures.



About Us



Welcome to Sanjalika Water Park — Pakistan's most exciting water destination! We're not just a park, we're an experience filled with thrilling slides, family lagoons, and relaxing zones that make every visit unforgettable.

Our mission is to bring families and friends together through safe, modern, and joyful water adventures. With cutting-edge facilities, certified lifeguards, and eco-friendly operations — Sanjalika is where fun meets safety!

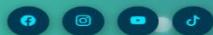
Whether you're chasing adrenaline or a peaceful escape, we have something for everyone. Dive into happiness, laughter, and unforgettable memories at Sanjalika Water Park!

[Discover More](#)

[Buy Tickets](#)

Sanjalika Water Park

Experience thrilling rides, serene pools, and family fun at Karachi's premier water adventure park. Dive into excitement and let your worries float away!



Quick Links

[Home](#)
[Rides & Attractions](#)
[FAQ](#)
[Pricing](#)
[Gallery](#)
[SiteMap](#)

Contact Info

[Main Super Highway, Karachi](#)
+92 21 3456 7890
info@sanjalikawaterpark.com

Newsletter

Enter your email

[Join the Splash!](#)

Sanjalika WaterPark

1. About Us [aboutus.html]

About Sanjalika Water Park

Fun, adventure, and family memories under one roof since 2016!

Welcome!

Since 2016, **Sanjalika Water Park** has been the city's ultimate destination for family fun. Thrilling slides, sparkling pools, and safe, clean facilities await every visitor!



Our Mission

Joyful Experiences: Deliver unforgettable fun and excitement for families of all ages.

Safety First: Maintain the highest safety standards with certified lifeguards and quality equipment.

Eco-Friendly Practices: Implement sustainable initiatives including water recycling and energy efficiency.

Continuous Innovation: Regularly introduce new attractions and services to keep experiences fresh and exciting.

Our Vision

Leading Water Park: Be recognized nationwide for excellence, cleanliness, and guest satisfaction.

Our Journey

Milestones

2016: Opened with three slides and a family pool — spreading smiles across the city.

2019: Expanded with thrilling rides, Kids Kingdom, and vibrant food court.

2023: Upgraded with energy-efficient systems and water recycling for a greener park.



Ready for a Splash of Fun?

[Book Your Visit Now!](#)

Sanjalika WaterPark

2.Rides [rides&slide.html]



Mystic Water Slide



Sanjalika WaterPark

3.Parkinfo [facilities.html]

The facilities page has a dark blue header with the park's logo, navigation links (Home, About Us, Rides, Park Info, Gallery, Contact, Sitemap), a phone number (+92 213 256), and a "Book Now" button. The main content area is divided into six white boxes with rounded corners, each containing an icon and a brief description.

- Wave Pool**
Experience the excitement of ocean waves in our large, family-friendly wave pool.
- Food Court**
Enjoy a variety of delicious meals and snacks at our vibrant food court.
- Secure Lockers**
Store your valuables securely in our convenient locker facilities.
- Kids Zone**
Let the little ones enjoy our fun-filled and safe Kids Zone with slides and splash areas.
- Thrilling Water Slides**
Slide into adventure with our exciting water slides suitable for all thrill levels.
- Safety First**
Our trained lifeguards ensure a safe and fun environment for everyone.

Sanjalika WaterPark

4.Parkinfo [foodzone.html]

Fast Food

- Zinger Burger
- Crispy Chicken Burger
- Chicken Roll
- Shawarma
- Club Sandwich
- Fries with Mayo Garlic

Drinks

- Fresh Lemonade
- Blue Lagoon Mocktail
- Mango Shake
- Cold Coffee
- Soft Drinks
- Tea

Chowmein & Snacks

- Chicken Chowmein
- Veg Chowmein
- Chicken Fried Rice
- Loaded Fries
- Hot & Crispy Wings
- Classic Burger
- Cheese Fries
- Chicken Nuggets
- Loaded Nachos

Desserts

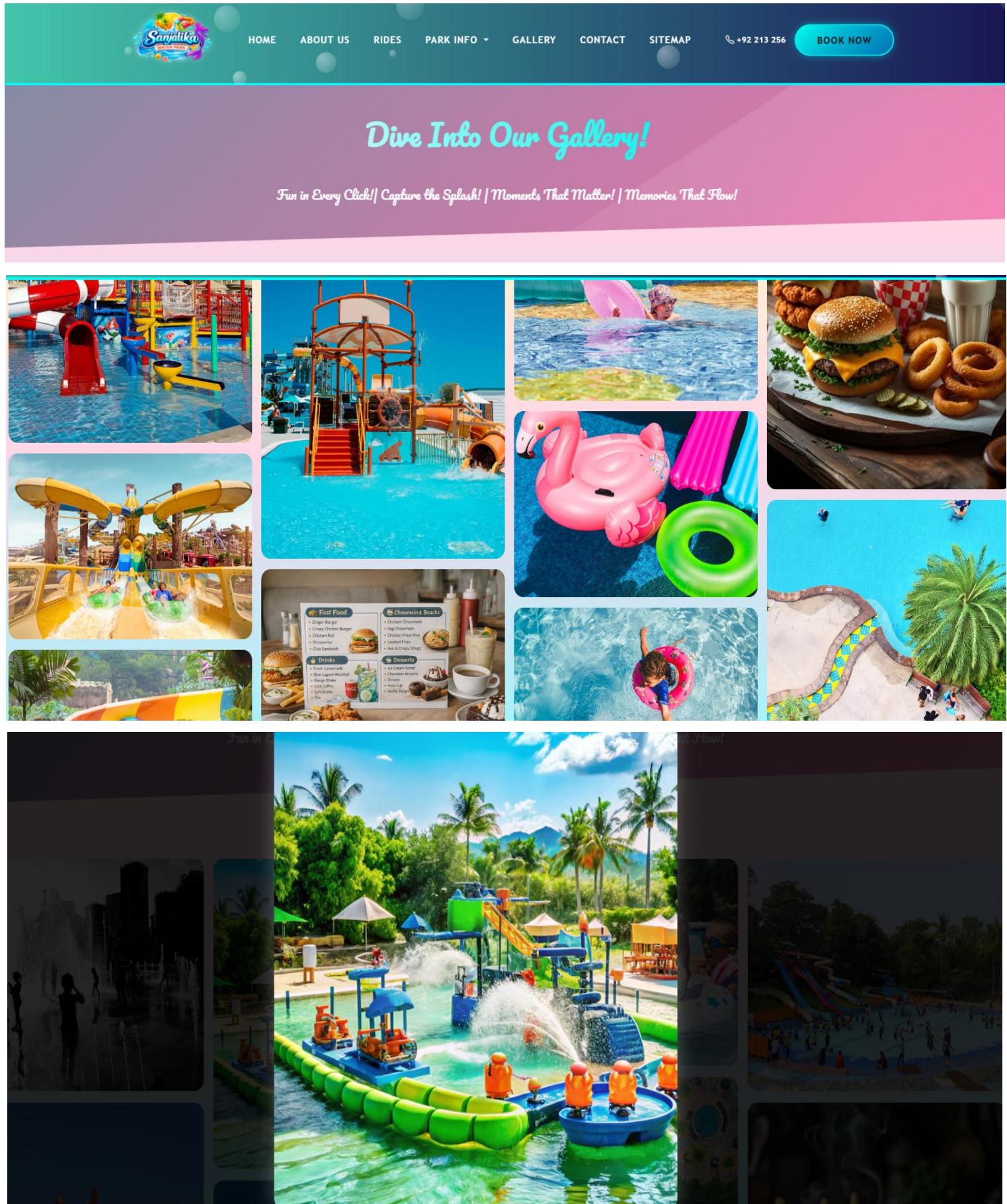
- Ice Cream Scoop
- Chocolate Brownie
- Donuts
- Fruit Cup
- Waffle Delight

Food Menu

Category	Item	Price
Snacks	Classic Burger	550
	Cheese Fries	500
	Shawarma	300
	Chicken Nuggets	550
	Loaded Nachos	650
Drinks	Fresh Lemonade	350
	Blue Lagoon Mocktail	400
	Mango Shake	450
	Cold Coffee	450
	Soft Drinks	180
Desserts	Ice Cream Scoop	120
	Chocolate Brownie	160
	Donuts	180
	Fruit Cup	350
	Waffle Delight	550

Sanjalika WaterPark

5.Gallery [gallery.html]

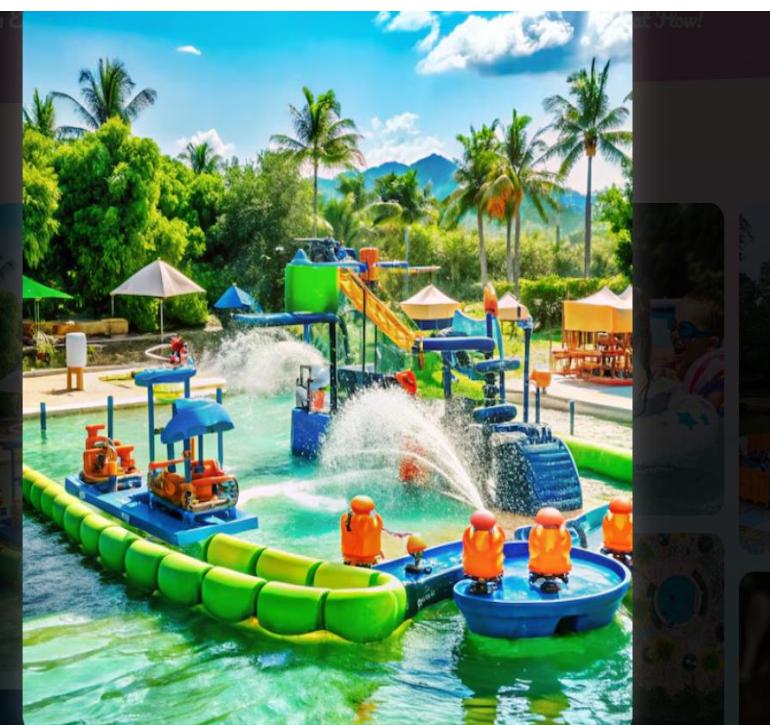
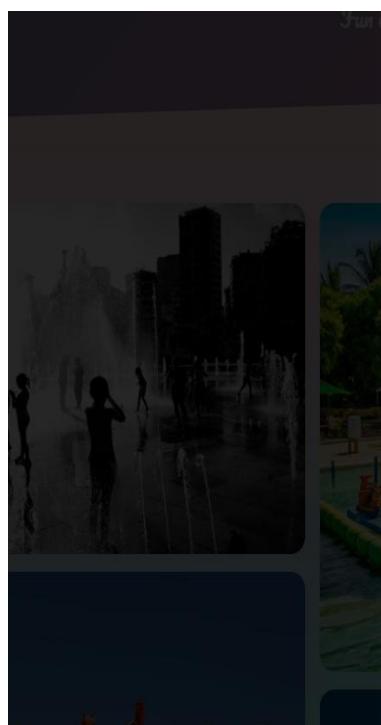
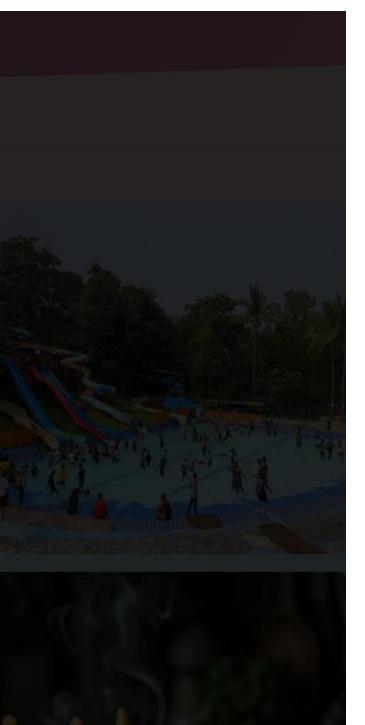


The image shows a screenshot of the Sanjalika WaterPark website's gallery page. At the top, there is a navigation bar with links for HOME, ABOUT US, RIDES, PARK INFO, GALLERY, CONTACT, and SITEMAP, along with a phone number (+92 213 256) and a BOOK NOW button. Below the navigation bar, a large banner features the text "Dive Into Our Gallery!" in a stylized font, followed by the tagline "Fun in Every Click! | Capture the Splash! | Moments That Matter! | Memories That Flow!". The main content area contains a grid of 12 images showcasing various aspects of the water park, including slides, pools, food options, and people having fun. A large, central image at the bottom is a panoramic view of the water park's vibrant, colorful water playground with multiple slides and splash zones set against a backdrop of lush green trees and mountains under a clear blue sky.

HOME ABOUT US RIDES PARK INFO GALLERY CONTACT SITEMAP +92 213 256 BOOK NOW

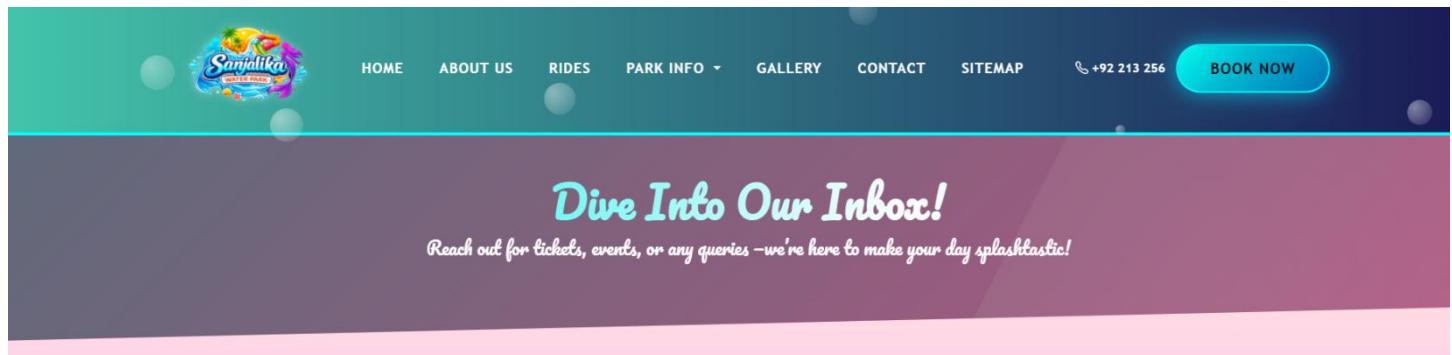
Dive Into Our Gallery!

Fun in Every Click! | Capture the Splash! | Moments That Matter! | Memories That Flow!



Sanjalika WaterPark

6.Contact [contactus.html]



Visit Sanjalika Water Park

Summer 2026 Opening Date – April 2nd

Address: Main National Highway, Near Steel Town, Karachi, Pakistan

Park Hours:

April & May: 10:00 AM – 7:00 PM
June – August: 10:00 AM – 8:00 PM
September – October: 10:00 AM – 6:00 PM

Phone: (021) 1234 5678
Email: info@sanjalikawaterpark.com

Sanjalika Water Park is a family-friendly destination full of colorful slides, wave pools, and thrilling water rides — easily accessible from all parts of Karachi via National Highway and M9 Motorway.

[Buy Tickets](#)

Contact Us

First Name *

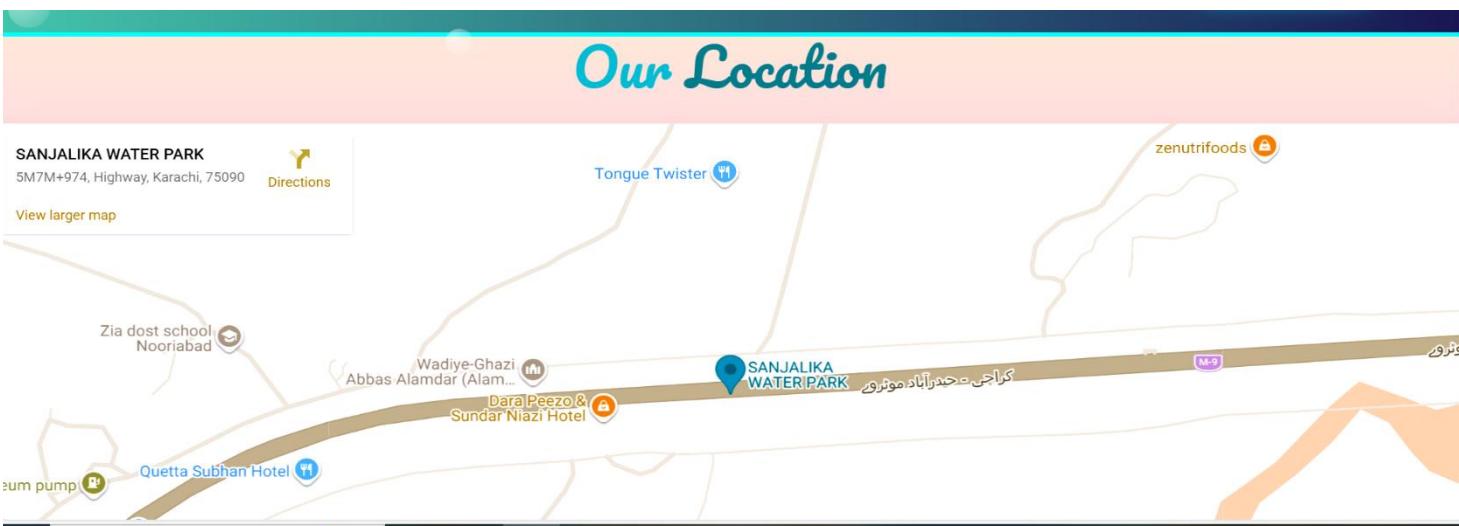
Last Name *

Email *

Subject

Message *

[Send Message](#)



Sanjalika WaterPark

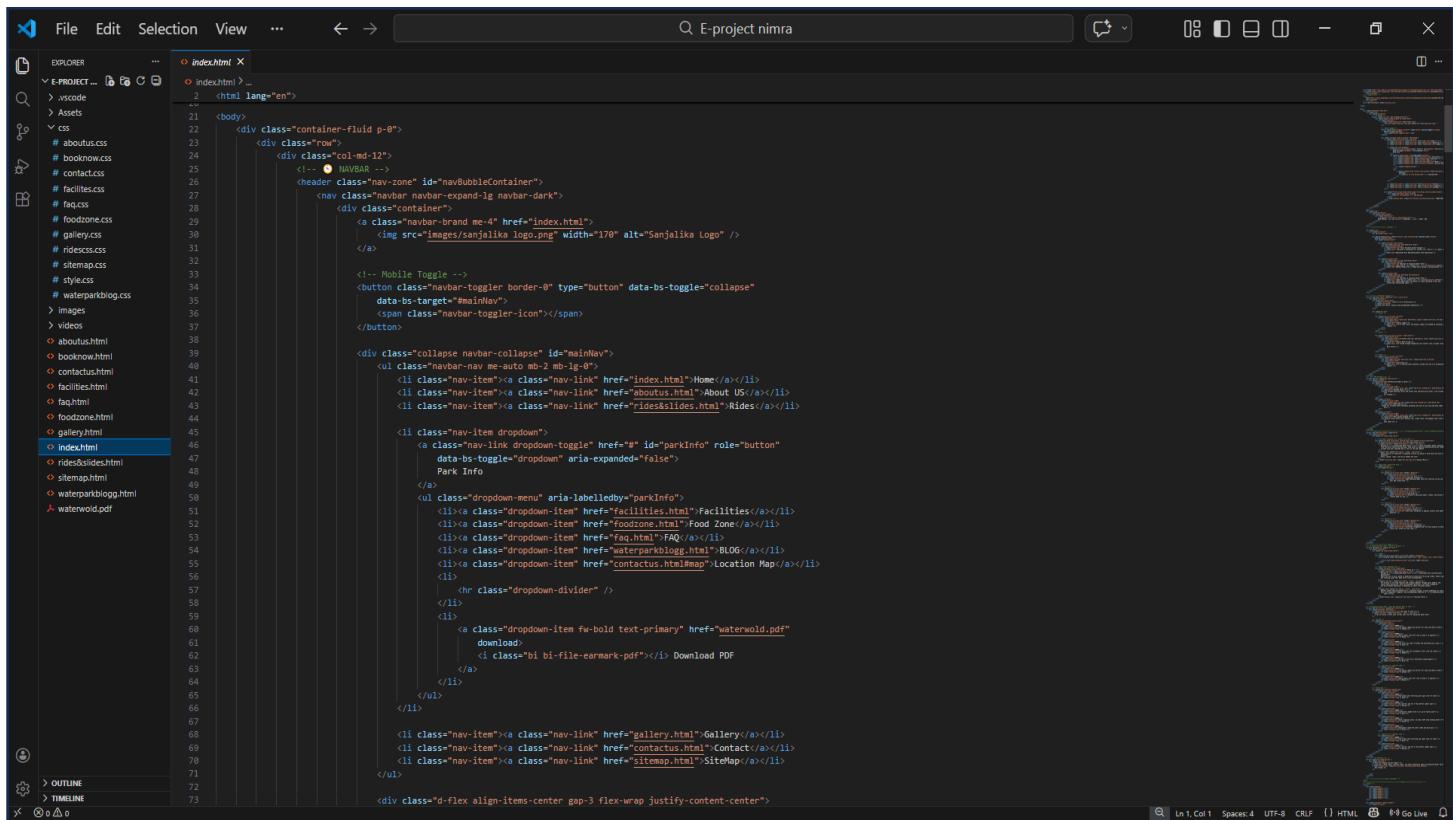
7.book now [booknow.html]

The screenshot shows the Sanjalika Water Park website's booking page. At the top, there's a navigation bar with links for HOME, ABOUT US, RIDES, PARK INFO, GALLERY, CONTACT, and SITEMAP. A phone number (+92 213 256) and a 'BOOK NOW' button are also present. Below the navigation, a banner says 'Book Your Tickets' and encourages users to dive into fun at the park. Three ticket options are listed: 'Adult Pass' (Rs. 1200), 'Kids Pass' (Rs. 800), and 'Family Package' (Rs. 3500). Each option includes a list of benefits and a 'Buy Now' button. Below this, two side-by-side forms for booking are shown. Both forms have 'Book Your Ticket' headers and 'X' close buttons. The left form has fields for 'Full Name *' (empty), 'Email *' (empty), 'Select Ticket Type *' (dropdown menu 'Choose...'), 'Select Date *' (date input 'mm/dd/yyyy' with calendar icon), and 'No. of Tickets *' (input '4'). The right form has similar fields: 'Full Name *' (filled with 'nimra'), 'Email *' (filled with 'nimrazia@gmail.com'), 'Select Ticket Type *' (dropdown menu 'Adult Pass - Rs. 1200'), 'Select Date *' (date input '03/05/2026' with calendar icon), and 'No. of Tickets *' (input '4'). Both forms have a 'Confirm Booking' button at the bottom. A confirmation dialog box at the bottom is titled 'nimrazia46.github.io says' and contains the message: 'Thank you for booking your ticket! We'll contact you via email soon.' It features an 'OK' button.

Sanjalika WaterPark

Source Code with comments

Index.html

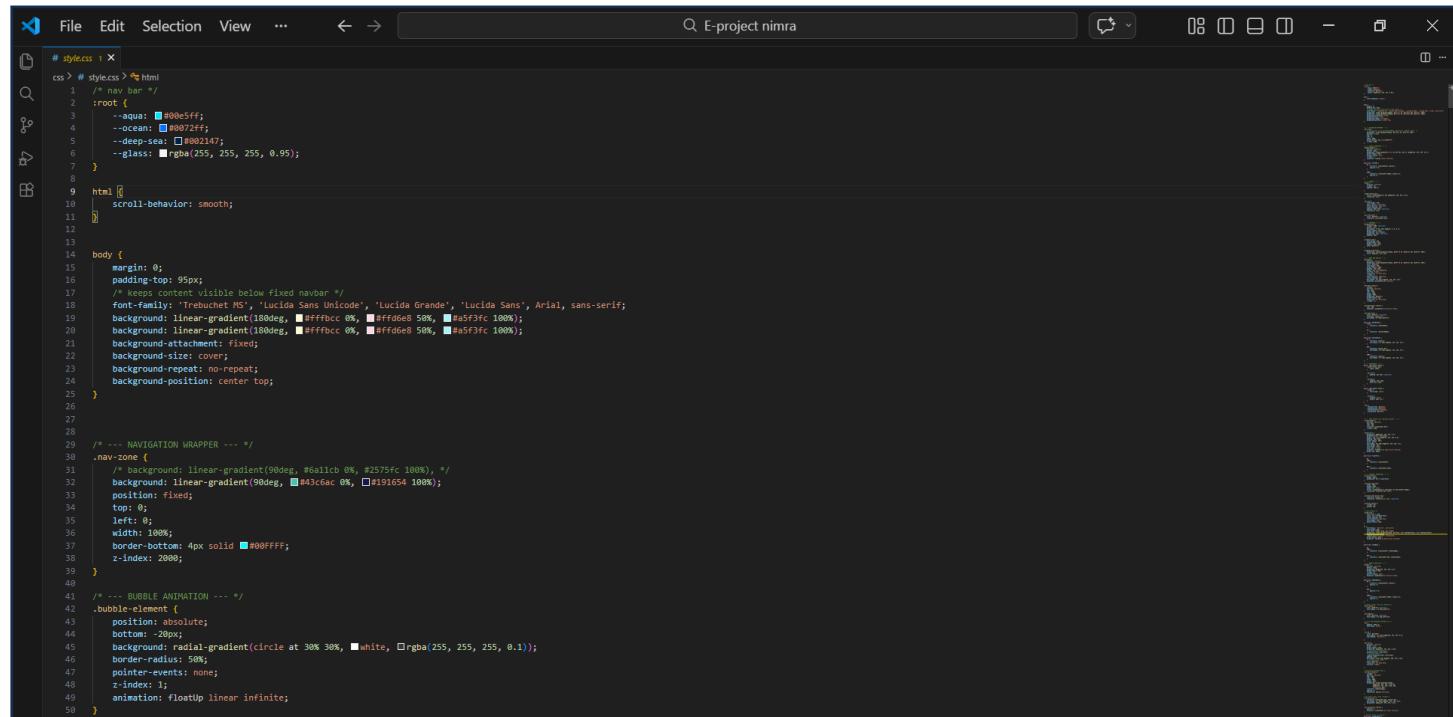


```

File Edit Selection View ... < > Q E-project nimra
EXPLORER index.html ...
index.html ...
<body>
  <div class="container-fluid p-0">
    <div class="row">
      <!-- NAVBAR -->
      <header class="nav-zone" id="navBubbleContainer">
        <nav class="navbar navbar-expand-lg navbar-dark">
          <div class="container">
            <a class="navbar-brand me-4" href="index.html">
              
            </a>
          </div>
        <!-- Mobile Toggle -->
        <button class="navbar-toggler border-0" type="button" data-bs-toggle="collapse"
               data-bs-target="#minilay">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="minilay">
          <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item"><a class="nav-link" href="index.html">Home</a></li>
            <li class="nav-item"><a class="nav-link" href="aboutus.html">About Us</a></li>
            <li class="nav-item"><a class="nav-link" href="rides&slides.html">Rides</a></li>
            <li class="nav-item dropdown">
              <a class="nav-link dropdown-toggle" href="#" id="parkInfo" role="button"
                 data-bs-toggle="dropdown" aria-expanded="false">
                Park Info
              </a>
              <ul class="dropdown-menu" aria-labelledby="parkInfo">
                <li><a class="dropdown-item" href="facilities.html">Facilities</a></li>
                <li><a class="dropdown-item" href="foodzone.html">Food Zone</a></li>
                <li><a class="dropdown-item" href="faq.html">FAQ</a></li>
                <li><a class="dropdown-item" href="waterparkblog.html">BLOG</a></li>
                <li><a class="dropdown-item" href="contactus.html#map">Location Map</a></li>
                <li>
                  <hr class="dropdown-divider" />
                </li>
                <li>
                  <a class="dropdown-item fw-bold text-primary" href="waterwold.pdf"
                     download>
                    <i class="bi bi-file-carmark-pdf"></i> Download PDF
                  </a>
                </li>
              </ul>
            </li>
            <li class="nav-item"><a class="nav-link" href="gallery.html">Gallery</a></li>
            <li class="nav-item"><a class="nav-link" href="contactus.html">Contact</a></li>
            <li class="nav-item"><a class="nav-link" href="sitemap.html">SiteMap</a></li>
          </ul>
        </div>
      </header>
      <div class="d-flex align-items-center gap-3 flex-wrap justify-content-center">
        <div>
          <img alt="Facebook icon" />
        </div>
        <div>
          <img alt="Instagram icon" />
        </div>
        <div>
          <img alt="Twitter icon" />
        </div>
        <div>
          <img alt="YouTube icon" />
        </div>
      </div>
    </div>
  </div>

```

Style.css



```

File Edit Selection View ... < > Q E-project nimra
style.css ...
/* nav bar */
.root {
  --aqua: #00e5ff;
  --ocean: #0072ff;
  --deep-sea: #002147;
  --glass: rgba(255, 255, 255, 0.95);
}

html {
  scroll-behavior: smooth;
}

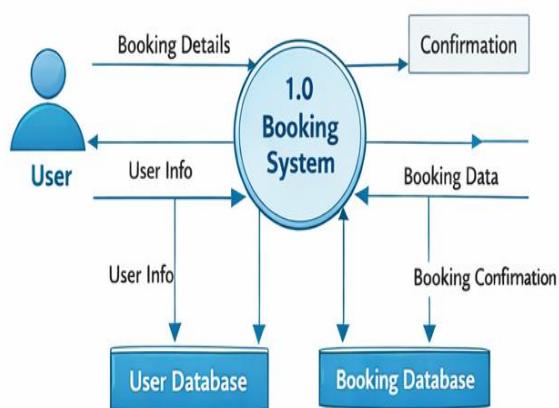
body {
  margin: 0;
  padding-top: 95px;
  /* keeps content visible below fixed navbar */
  font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;
  background: linear-gradient(180deg, #fffbcc 0%, #ffdde8 50%, #eaf3fc 100%);
  background: linear-gradient(180deg, #fffbcc 0%, #ffdde8 50%, #eaf3fc 100%);
  background-attachment: fixed;
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center top;
}

/* --- NAVIGATION WRAPPER --- */
.nav-zone {
  /* background: linear-gradient(90deg, #6a1ccb 0%, #2575fc 100%); */
  background: linear-gradient(90deg, #43c6a0 0%, #191654 100%);
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  border-bottom: 4px solid #00FFFF;
  z-index: 2000;
}

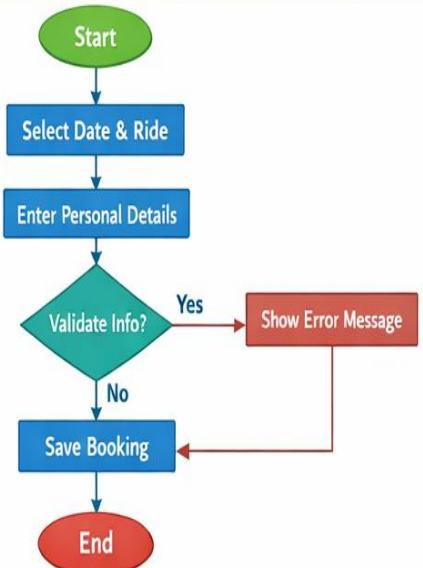
.bubble-element {
  position: absolute;
  bottom: -20px;
  background: radial-gradient(circle at 30% 30%, white, rgba(255, 255, 255, 0.1));
  border-radius: 50%;
  pointer-events: none;
  z-index: 1;
  animation: floatUp linear infinite;
}

```

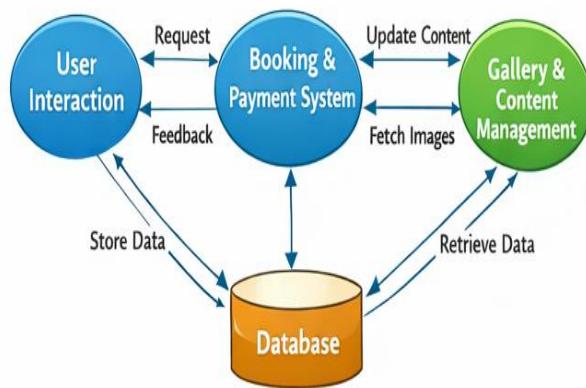
Data Flow Diagram (DFD) – Sanjalika Water Park



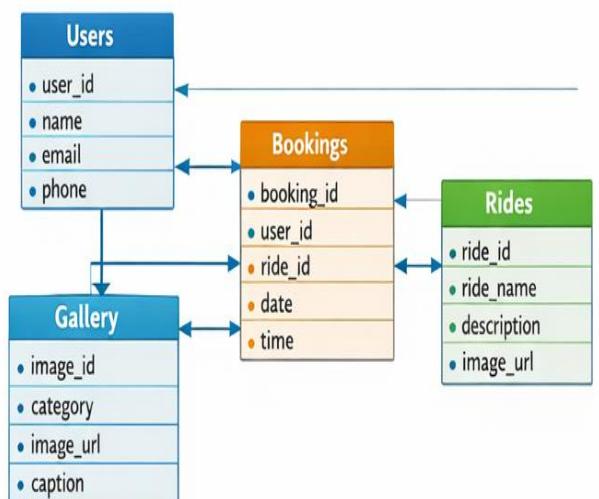
Booking Flowchart – Sanjalika Water Park



Process Diagram – Sanjalika Water Park



Database Design – Sanjalika Water Park



Task Sheet Review 1

Project Ref No		Project Title	Date Of Preparation of Activity Plan			
NO	TASK	SANJALIKA WATER WORD	ACTUAL START DATE	ACTUAL DAYS	TEAM-MATE NAMES	STATUS
1	Build Home Page		01/28/2026	7	Nimra Zia	Complete
2	Build rides & slides page		02/5/2026	4	Zoha Rafi	Complete
3	Build About Us page		02/6/2026	4	Nimra Zia Muhammad Usaid	Complete
4	Build Facilities page		02/7/2026	4	Nimra Zia	Complete
5	Build FAQ page		02/8/2026	3	Zoha Rafi Muhammad Usaid	Complete
6	Build Blog Page		02/8/2026	4	Zoha Rafi	Complete
7	Build Food Zone Page		02/8/2026	6	Zoha Rafi	Complete
8	Insert Location Map		02/9/2026	6	Nimra Zia	Complete
9	Gallery		02/10/2026	7	Zoha Rafi	Complete
10	Bookings		02/12/2026	7	Nimra Zia	Complete
11	Build Pop UP		02/18/2026	3	Nimra Zia Zoha Rafi	Complete
12	Check Progress & Assign New Task		02/18/2026	4	Muhammad Usaid Nimra Zia Zoha Rafi	Complete

Task Sheet Review 2

Project Ref No		Project Title	Date Of Preparation of Activity Plan			
NO	TASK	SANJALIKA WATER WORD	ACTUAL START DATE	ACTUAL DAYS	TEAM-MATE NAMES	STATUS
1	Check colour format, size, javascript, responsive in the Home page		02/20/2026	2	Nimra Zia Zoha Rafi Muhammad Usaid	Complete
2	Build a Contact US Page		02/20/2026	2	Nimra Zia	Complete
3	Build a Site Map		02/20/2026	2	Muhammad Usaid	Complete
4	Check responsiveness of the website		02/20/2026	2	Nimra Zia Zoha Rafi Muhammad Usaid	Complete
5	Project Live on github		02/20/2026	2	Nimra Zia	Complete
6	Build a download on PDF file		02/20/2026	2	Nimra Zia	Complete
7	Write a developer guide		02/22/2026	1	Muhammad Usaid Zoha Rafi	Complete
8	Write user manuals		02/23/2026	1	Nimra Zia Zoha	Complete
9	Overall inspection of the project		02/24/2026	1	Zoha Rafi Nimra Zia Muhammad Usaid	Complete

Technology Stack & Setup Notes

- Front-end: HTML5, CSS3, JavaScript, Bootstrap
- Back-end (optional for booking): PHP / Node.js
- Database: MySQL
- Tools: VS Code, GitHub, Chrome DevTools
- Version Control: Git
- Deployment: Hosting on web server

*Thanks for reading our
developer guide*
