" Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP web development"

A Project

Presented to the Faculty of the

School of Information and Computing Sciences

Bachelor in Information Technology

Marinduque State College

In Partial Fulfillment

of the Requirements for the subject

INTEGRATIVE PROGRAMMING & TECHNOLOGIES

By:

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WILMER M. PASCUAL
Faculty

May 22, 2023

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RUBRICS FOR INTEGRATIVE PROGRAMMING –FINAL HANDS-ON EXAM

Schedule:				Date:	
Project title:					

PROJECT CRITERIA	Highly Implemented 5	Satisfactory Implemented 4	Fairly Implemented 3	Partially Implemented 2	Not Implemented 1
PROGRAM SOURCE CODES					
Syntax Ability to understand and follow the rules of writing PHP programs (20%)	The application correctly executes all functions.	The program executes, but there are unnecessary codes within the program.	Some parts of the program execute, and some parts are not.	The program doesn't execute but can be fixed easily (missing semicolon, wrong names, etc.).	Program does not execute
Logic Ability to determine appropriate conditions and the overall flow of the program (15%)	Program logic is correct.	Program is correct but program logic contains errors and redundancy.	Program has some logical errors that may just be miscalculations on conditions.	Program logic does not conform to the directions.	No logic is applied to the program at all.
Correctness Ability to write appropriate algorithms that give the correct output. (20%)	Program produces the correct output based on the input given	Program produces correct output on most inputs.	Program output are almost correct and has some minor miscalculations	Very few correct outputs are found.	Program output is incorrect. Needs major rework in calculations.
Program Design Ability to design a proper UI for the users to interact with the program. (30%)	Design is well thought. Design doesn't hinder the user experience.	Design is well-thought and is aesthetically pleasing	Design is lacking in places	The design is inappropriate to the topic	Design needs improvement and the program is not user friendly
Code Organization Ability to write well-organized and structured code. (10%)	Objects are named descriptively and appropriately for their purpose; code is consistently and	Objects are mostly named appropriately, but some could be more	Objects are fairly named appropriately, but some could be	Objects are inconsistently or poorly named, making	Object names are unclear or use default names,

Project Title Discover Marinduque: An Online Tourism Portal Developed with PHP Web Scripting Language:

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	clearly organized, commented, and indented..	descriptive; code is mostly organized, commented, and indented, with a few minor issues such as inconsistent indentation or naming conventions	most descriptive; code is mostly organized, commented, and indented, with a few minor issues such as inconsistent indentation or naming conventions	their purpose unclear; code is generally unorganized and difficult to follow, with issues such as poor indentation, inconsistent naming conventions, and few or no comments	making it difficult to understand their purpose; code is disorganized and unreadable, with little or no indentation, no comments, and inconsistent naming conventions.

DOCUMENTATION					
Completeness/Correctness Ability to present the required document correctly. (5%)	All the required parts of the document are present and correct.	All parts of the documents are present with minimal incorrect parts.	Some parts of the document are missing.	Most parts of the documents are missing and a lot of incorrect parts were observed.	No documentation was presented at all.
TOTAL					
REMARKS					

Name of Student	**Presentation/Q&A 50%**	**Project Rating 50%**	**Total Rating 100%**
1. **LN, FN MI**			
2. **LN, FN MI**			

Evaluated by:

_____

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I. PROJECT OVERVIEW

This project aims to improve tourism in Marinduque, specifically focusing on the municipalities of Boac and Mogpog. The objective is to create a user-friendly and well-organized website that provides tourists with access to information about the province's tourist attractions, accommodations, and other travel-related details. The website has been developed using PHP, a popular server-side scripting language capable of creating dynamic and interactive web pages. CSS has also been utilized to enhance the website's visual appeal, making it more captivating and enticing for users to explore and utilize.

The PHP Scripting Project will be developed in collaboration with local tour guides who possess expertise in the municipalities of Boac and Mogpog. The website is specifically designed to cater to domestic tourists and will provide content in the English language. It will feature a user-friendly interface with intuitive navigation and efficient search functions, enabling tourists to easily and quickly find the information they require.

The website will provide basic information, and show historical sites and the natural beauty of Marinduque. Through captivating photographs and informative contents. This will help promote Marinduque as a must-visit destination. In conclusion "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development this project is a vital step towards promoting and sustaining the tourism industry in Marinduque, Highlighting the historical places and tourist destination that you must go on Boac and Mogpog.

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Objectives

"Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" aims to enhance tourism in Boac and Mogpog, Marinduque. The project involves the development of a user-friendly website that provides comprehensive information about the tourist spots in both municipalities. The website is specifically created to cater to domestic tourists and will feature content in English. It will prioritize ease of access through intuitive navigation and search functions, allowing visitors to quickly find the information they need. The project's objective is to promote and facilitate tourism in Boac and Mogpog by providing a reliable and user-friendly online platform.

In addition to showcasing historical places and the natural beauty of Marinduque, the website will feature captivating photographs and informative content. The primary goal of this project is to attract not only domestic but also international tourists. By promoting the unique attractions and highlighting the rich cultural and natural heritage of Boac, Mogpog, and Marinduque as a whole, the website aims to enhance the presence of tourism in the region. This project plays a vital role in raising awareness and generating interest in the magnificent offerings of Boac and Mogpog, ultimately contributing to the overall growth and development of tourism in Marinduque.

The "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" project is committed to continuously improving tourism in the respective municipalities. A key aspect of the project is ensuring that the website is regularly updated with the latest developments in the local tourism industry. By featuring and promoting the unique historical places and tourist destinations, the project aims to contribute to the growth of tourism in Boac, Mogpog, and the entire province of Marinduque. This approach not only benefits the municipalities but also supports the overall progress of the tourism industry, providing positive impacts for the local community. Through sustained efforts, the project aims to create lasting benefits and opportunities for the people and businesses involved in the tourism sector.

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Audience

The primary audience of "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" is tourists who have an interest in visiting Marinduque. The website specifically caters to domestic tourists and provides informative information about the province's tourist attractions and accommodations. It ensures that the website content is available in the English language to facilitate easy access to the necessary information for tourists. By prioritizing user-friendly navigation and intuitive design, the website aims to enhance the overall experience for visitors and assist them in planning their trips effectively.

In addition to tourists, the audience of the "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" project also includes local businesses and service providers in Boac and Mogpog. The project aims to enhance the online presence of tourism in these municipalities, which can benefit the local businesses by increasing their visibility and attracting more customers. By showcasing the unique attractions and promoting the tourism industry, the project creates opportunities for collaboration and growth among local businesses. This, in turn, can lead to job opportunities for the residents of Boac and Mogpog, contributing to the economic development and livelihood of the local community.

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Scope

The scope of the "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" The website specifically caters to domestic tourists and provides informative information about the province's tourist attractions and accommodations. It ensures that the website content is available in the English language to facilitate easy access to the necessary information for tourists. The website will be optimized for search engines, promoting Marinduque's tourism industry to a wider audience. This project will ensure reflects the latest developments and updates in the local tourism industry.

Finally, the project aims to improve the tourism in the said municipalities, the project ensure that the website are always updated to the latest developments in the local tourism industry. Showcasing its unique historical places and tourist destination. This approach will contribute not only to the municipalities but also in the province growth in tourism industry, In the long term The "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development has several objectives that will help to contribute to the growth and development of not only in the municipalities of boac and mogpog but the whole province of Marinduque tourism industry that will give benefits for the local community.

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Features

The "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" will offer a variety of features that will enhance the user experience and promote Marinduque's tourism industry. These features include a user-friendly interface that provides easy access to information on Marinduque's tourist attractions.

The website will also offer multimedia content such as photo. That will show the that showcase the historical heritage and natural beauty of Marinduque. The project also aims to improve the tourism in the said municipalities, ensure that the website are always updated to the latest developments in the local tourism industry. Overall, the "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" will provide informative and user-friendly platform to showcase the Boac and Mogpog unique attractions and reliable accommodation.

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Functionality

The "Marinduque Escapades: Unlocking Boac and Mogpog's Tourism Gems with PHP Web Development" will offer functionality to provide excellent user experience and promote Boac and Mogpog tourism. The website will include search function that allow the user to search for information. the project will also include a content management system that enables the Marinduque Tourism Office and local tourism to update and add new content to the website.

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II. PROJECT NAVIGATION

The website navigation begins with the homepage, which serves as the main page. On this main page, visitors will find buttons for the two towns, seamlessly directing them to the respective main pages of each municipality. Once on a municipality's page, they will discover recommendations for exciting tourist spots to visit, as well as a variety of hotels and restaurants to choose from. To enhance user convenience, a prominently placed search bar enables visitors to easily search for specific locations they wish to explore within the municipality.

Figure1. Main page. This page is the main page of the website where it has a button for the two town where they will be directed to their respective main page

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Figure2. This is municipality's page it , they will discover recommendations for exciting tourist spots to visit, as well as a variety of hotels and restaurants to choose from. This page have navigation on top and the search feature where the user have to enter the name of the place they want to visit and then more information about that place will appear.

Figure3. This is municipality's page it , they will discover recommendations for exciting tourist spots to visit, as well as a variety of hotels and restaurants to choose from. This page have navigation on top and the search feature where the user have to enter the name of the place they want to visit and then more information about that place will appear.
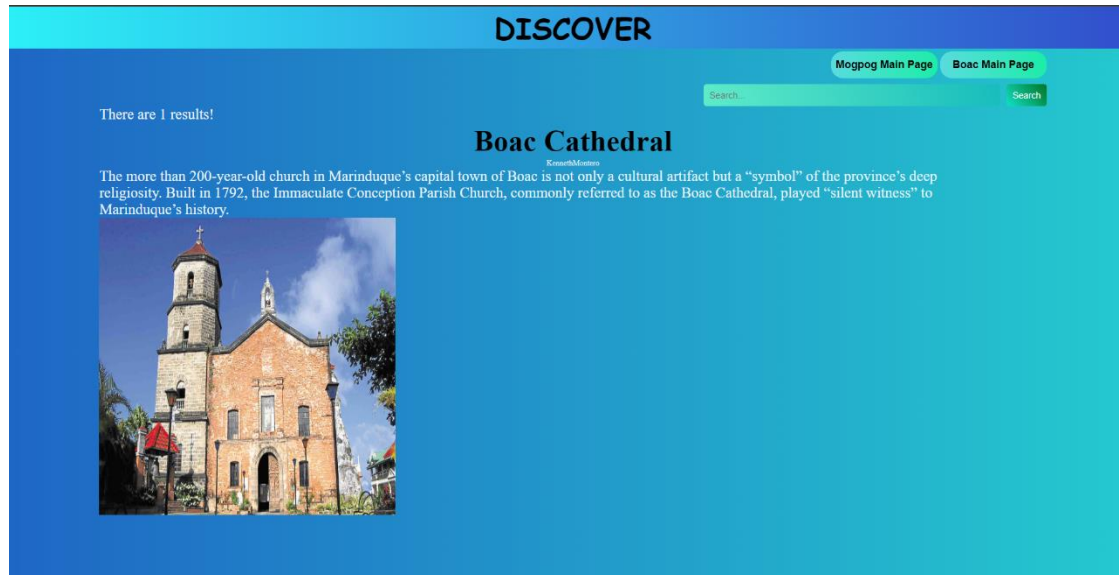
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Figure4. This figure is the search page using the search bar on the main pages of the municipalities you will be prompted here on this page it also have a search bar and navigation for more convenience

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Interface

Figure 1: Button Functionality

The buttons on the main page of the website serve as redirection tools, enabling visitors to access the main page of each town or municipality. When a user clicks on a button, they are directed to the specific main page associated with that town. This allows visitors to explore the unique offerings, attractions, and information related to each town in a seamless and intuitive manner. The buttons serve as gateways, providing a clear path for users to explore into the content and experiences specific to their chosen town of interest.
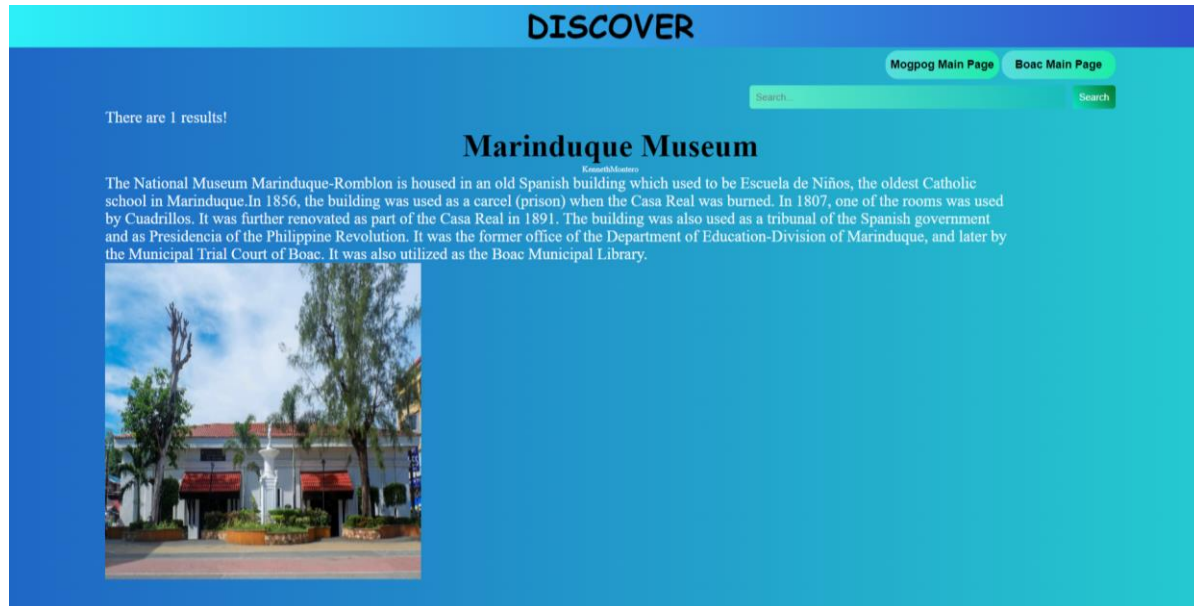
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Fig2.The search bar on the main pages of the municipalities enhances user convenience and provides a quick way to find specific locations or attractions within the chosen town. By entering Title, and author into the search bar, visitors can easily search for specific places they want to visit.
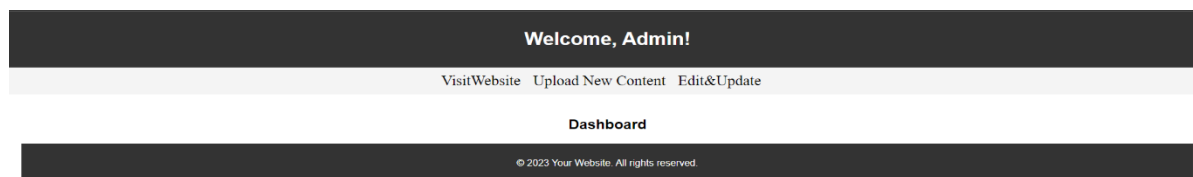

Fig3. This figure is the admin page where you can upload New Content and Edit & Update the information on the website.

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No.	Title	Author	Context	Image	Operation
1	Biglang Awa	KennethMontero	The Mother of Immediate Succor or Ina ng Biglang Awa is the patron saint of Marinduque. In 1621, the Jesuits brought an image of the Immaculate Concep		Update Delete
2	Paadjao Falls	KennethMontero	Fall in love in a paradise far from the crowded and polluted city. This paradise is located in Mogpog, Marinduque.		Update Delete
3	Natangco Islet	KennethMontero	Went inside the house at this Island. It was so amazing. The Beach is nice but very deep.		Update Delete

Fig4: Update & Delete: The Upload & Delete page functions serve as the website administartion for already-existing data. This website offers tools for removing entire data sets as well as updating or changing already-existing data. It also serves as the site where all the managed data is stored.

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- Back

Add New Content

Title

[Enter title]

Author

[Enter Author]

Context

[Enter Context]

Upload Image: [Choose File] No file chosen

[Submit]

Fig5: New Content Upload Page. This is a separate page is offered to make it easier to upload fresh content. Users can visit this page by clicking on a navigation link or button that is often labeled "Upload New Content." Once there, users will see a user-friendly interface with the necessary form fields and options to make the content uploading process easier.

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III. TECHNICAL DOCUMENTATION
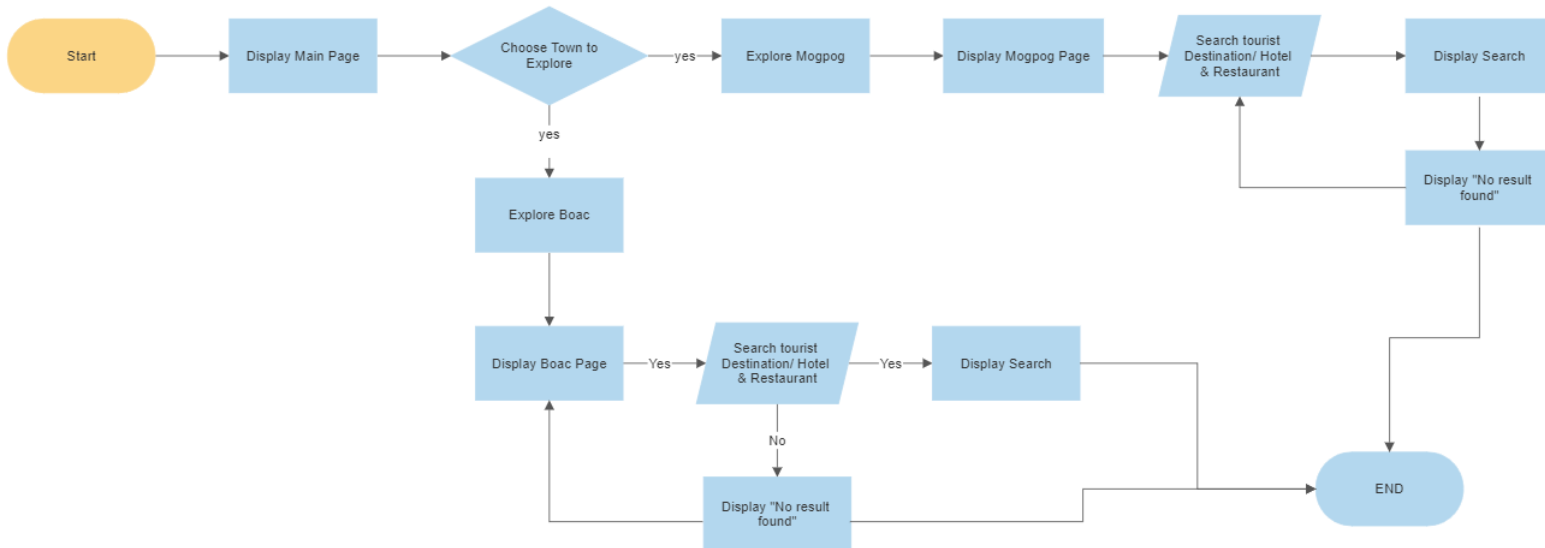
Figure 1. Flow Chart of the main page

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Admin Page

Figure2.Admin Flowchart

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Source Codehttps://github.com/THENNEK27/MonteroKenneth_ITP_PROJECT.git

//Mainpage(PROJECT.php)

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <link rel="stylesheet" href="Resources">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Cabin+Sketch&display=swap"
rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Bruno+Ace&display=swap"
rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Satisfy&display=swap"
rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Satisfy&family=Secular+One&display
=swap" rel="stylesheet">

    <title>PHP_PROJECT</title>
</head>
<body>
    <script type="module"
src="https://unpkg.com/ionicons@7.1.0/dist/ionicons/ionicons.esm.js"></script>
    <script nomodule
src="https://unpkg.com/ionicons@7.1.0/dist/ionicons/ionicons.js"></script>
    <div class=container>
        <div class="nav">
            <img src="Resources/Viva Marinduque LOGO.jpg" class="logo">
```
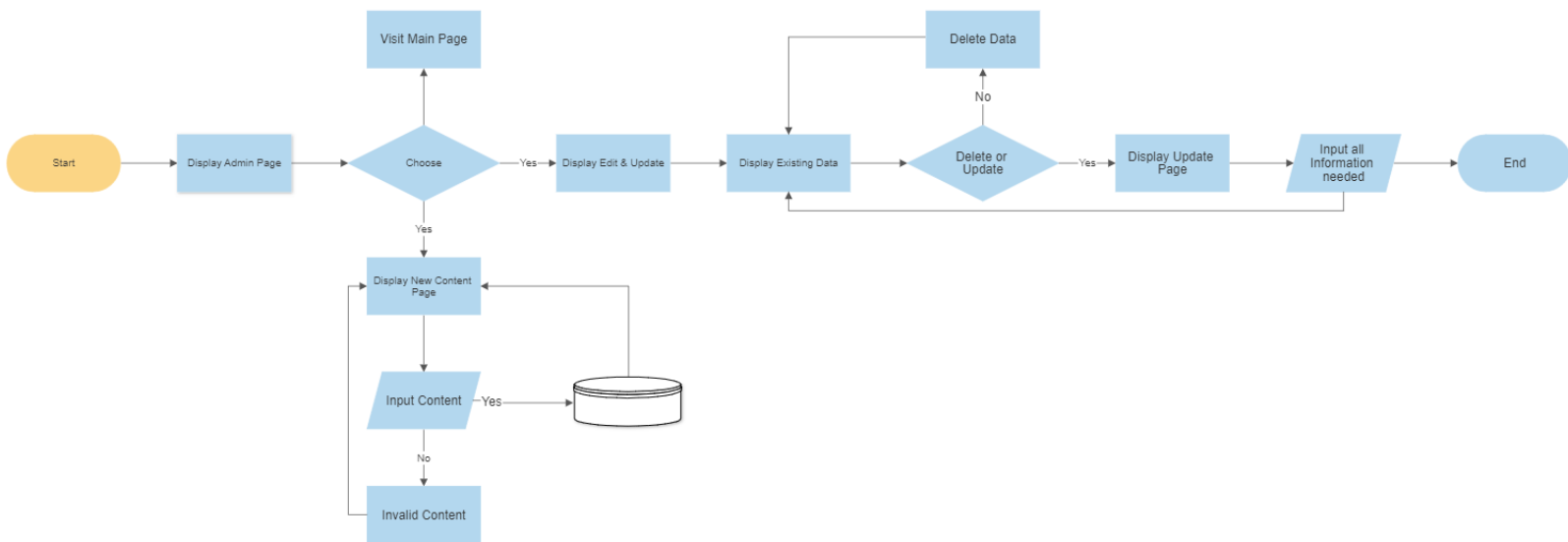
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```html
        <nav>
            <ul>
                <li><a href="PROJECT.php">Home</a></li>
                <li><a href="About">About</a></li>
                <li><a href="Blog">Blog</a></li>
            </ul>
        </nav>
        <img src="Resources/grid-outline.svg" class="menu-icon">
    </div>
    <div class="row">
        <div class="col">
            <h1>Marinduque Tourist Guide</h1>
            <p>Welcome to Marinduque the heart of the Philippines</p>
        </div>

        <div class="Container">
            <div class="left-context">
                <h2>Magandang Buhay, Travelers,Welcome to Marinduque</h2>

                <p>Start planning your next getaway to Marinduque and
                explore Marinduque tours to know the exciting things to do in
Marinduque

                and get the most of your island getaway!</p>

                <p>Visit Boac and Mogpog to learn more about these
fascinating tourist destinations,
                    which will provide you with amazing stories to share with
your friends and family.
                </p>

            </div>

        </div>
        <div class="coldown">
            <div class="card boac">
                <h5>Boac</h5>
                <p>The Capital of Marinduque</p>
                <a href="boacpage.php"><button class="btn-Boac">Explore
Boac</button></a>
            </div>
        </div>
        <div class="card mogpog">
```

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```html
            <h5>Mogpog</h5>
            <p>The Home of Orignal Morions</p>
            <a href="mogpog.php"><button class="btn-Mogpog">Explore
Mogpog</button></a>
            </div>
        </div>

    </div>
</body>
</html>
```

// Town Source code

```php
<?php
include "mysql.php";
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="mgpg.css">
    <link href="https://fonts.googleapis.com/css2?family=Bruno+Ace&display=swap"
rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Anton&family=Satisfy&display=swap"
rel="stylesheet">
    <title>Mogpog</title>

</head>
<body>
    <div class="container">
        <div class="navbar">
            <nav>
                <ul>
                    <li><a href="PROJECT.php">Home</a></li>
                     <li><a href="boacpage.php">Boac</a></li>
                    <li><a href="">Blog</a></li>
```

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```html
                </ul>
        </nav>
</div>
<div class="search-bar">
        <form action="/adminfile/searchpage.php" method="POST">
            <input type="text" name="search" placeholder="Search...">
            <button type="submit" name ="submit-search">Search</button>
        </form>

    </div>
<div class="row">
    <div class="col">
        <h1>Welcome to Mogpog</h1>
        <p>The Home of Original Morions</p>
    </div>
</div>
<!--touristSpot-->
<div class="row-Tcontext">
    <div class="col-Tcontext">
        <h1>Mogpog Tourist Spots</h1>
        <p>Places where you can visit, enjoy and Relaxed</p>
    </div>
</div>
<div class="col-img">
    <div class="card card1">
        <h5>Luzon Datum</h5>
        <p1>Hearth of the Philippines</p1>
    </div>
</div>
<div class="col-img">
    <div class="card card2">
    <h5>Natangco</h5>
    </div>
</div>
<div class="col-img">
    <div class="card card3">
    <h5>Paadjao Falls</h5>
    </div>
</div>
<div class="col-img">
    <div class="card card4">
    <h5>Biglang Awa</h5>
```

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```html
			<p1>Patroness of Marinduque</p1>
			</div>
		</div>
		<!--Hotel &restaurant-->
		<div class="row-Hcontext">
			<div class="col-Tcontext">
				<h1>Hotel & Restaurant</h1>
				<p>Places where you can enjoy and Relaxed</p>
			</div>
		</div>
		<div class="col-img">
			<div class="Hcard Hcard1">
				<h6>Guisan Cove</h6>
				<p1>A place where you can enjoy your own leisure time and the
freedom to commune with nature.</p1>
			</div>
			<div class="Hcard Hcard2">
				<h6>Family Beach Resorts</h6>
				<p1>Needed escapade? Family Beach Resort offers aircon rooms
Function Halls and open cottages.</p1>
			</div>
			<div class="Hcard Hcard3">
				<h5>Villa Negro</h5>
				<p2>Authentic Italian Restaurant - Café' & Wine Bar</p2>
			</div>
			<div class="Hcard Hcard4">
				<h5>Doña Aurora Café </h5>
				<p1>Doña Aurora Café is named after the street in Market Site,
Mogpog Poblacion where it is located. "</p1>
			</div>
		</div>
	</div>

</body>
</html>
```

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// Update

```php
<?php
include "connect.php";
$id=$_GET['updateid'];
if (isset($_POST['submit'])){
    $title = $_POST["TITLE"];
    $author = $_POST["AUTHOR"];
    $context = $_POST["CONTEXT"];

    //insert query
    $mysql="update `touristspot` set ID =
'$id',title='$title',author='$author',context='$context' where ID=$id";
    $result = mysqli_query($connection,$mysql);

    if($result){
        echo"updated success";
        header('location:display.php');

    }else{
        die(mysqli_error($connection));

    }
}
?>
```

//Search

```php
<?php
include "connect.php";
?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="searchstyle.css">
    <title>DISCOVER</title>
</head>
```

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```php
<body>
    <h1 class="heading">DISCOVER</h1>
    <div class="container">
        <div class="navigation">
            <button class="navigation-button"
onclick="location.href='/mogpog.php'">Mogpog Main Page</button>
            <button class="navigation-button"
onclick="location.href='/boacpage.php'">Boac Main Page</button>
        </div>
        <div class="context-container">
            <form class="search-form" method="POST">
                <input type="search" name="search" placeholder="Search...">
                <button type="submit" name="submit-search">Search</button>
            </form>
            <?php
            if (isset($_POST['submit-search'])) {
                $search = mysqli_real_escape_string($connection,
$_POST['search']);
                $sql = "SELECT * FROM touristspot WHERE TITLE LIKE '%$search%' OR
AUTHOR LIKE '%$search%'";

                $result = mysqli_query($connection, $sql);
                $queryResult = mysqli_num_rows($result);

                echo "<p class='result-count'>There are " . $queryResult . "
results!</p>";

                if ($queryResult > 0) {
                    while ($row = mysqli_fetch_assoc($result)) {
                        echo "<div class='context-box'>
                            <h3 class='title'>" . $row['TITLE'] . "</h3>
                            <p class='author'>" . $row['AUTHOR'] . "</p>
                            <p class='context'>" . $row['CONTEXT'] . "</p>
                            <img src='img/" . $row['IMAGE'] . "' class='image'
alt='Image'>
                        </div>";
                    }
                } else {
                    echo "<p class='no-results'>There are no results matching
your search!</p>";
                }
```

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```php
            }
            ?>
        </div>
    </div>
</body>

</html>
```

//Display

```php
<?php
include 'connect.php';
?>

<!doctype html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="style.css">

    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet">
    <link rel="stylesheet" href="style.css">

    <title>Display & Edit</title>
</head>
    <li><a href="AdminHomepage.php ">Back</a></li>
<body>
    <div class="container my-5">
        <table class="table">
            <thead>
                <tr>
                    <th scope="col">No.</th>
                    <th scope="col">Title</th>
                    <th scope="col">Author</th>
                    <th scope="col">Context</th>
```

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```php
                <th scope="col">Image</th>
                <th scope="col">Operation</th>
            </tr>
        </thead>
        <tbody>
            <?php
            // select query
            $mysql = "SELECT * FROM touristspot";
            $result = mysqli_query($connection, $mysql);
            while ($row = mysqli_fetch_assoc($result)) {
                $number = $row['ID'];
                $title = $row['TITLE'];
                $author = $row['AUTHOR'];
                $context = $row['CONTEXT'];
                $image = $row['IMAGE'];
                echo '<tr>
                    <th scope="row">' . $row['ID'] . '</th>
                    <td>' . $title . '</td>
                    <td>' . $author . '</td>
                    <td>' . $context . '</td>
                    <td><img src="img/' . $image . '" width="250"
height="200" alt="Image"></td>
                    <td>
                        <a href="update.php?updateid=' . $number . '"
class="btn btn-dark">Update</a>
                        <a href="delete.php?deleteid=' . $number . '"
class="btn btn-danger">Delete</a>
                    </td>
                </tr>';
            }
            ?>
        </tbody>
    </table>
    </div>
</body>
</html>
```

//Delete

```php
<?php
include 'connect.php';

if(isset($_GET['deleteid'])){
```

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```php
$number=$_GET['deleteid'];

$sql="delete from `touristspot` where ID=$number";
$result = mysqli_query($connection,$sql);
if($result){
    //echo "Deleted succesfully";
    header('location:display.php');
}else{
    die(mysqli_error($connection));
}
}
?>
```

// Sql Connection

```php
<?php
$connection = mysqli_connect("localhost","root","","mdqtourist");
if(!$connection){
    die(mysqli_error("error" + $connection));
}
?>
```

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