PHASE 2

SQL

-- Table structure for table `client_bookings`

--

CREATE TABLE `client_bookings` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `phone` varchar(20) NOT NULL,
  `consultation_date` date NOT NULL,
  `message` text DEFAULT NULL,
  `submission_date` timestamp NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `client_bookings`
--

INSERT INTO `client_bookings` (`id`, `name`, `email`, `phone`, `consultation_date`, `message`, `submission_date`) VALUES
(7, 'ryan', 'monyaabdeen@gmail.com', '5678901234', '2024-11-02', '', '2024-10-04 17:27:10'),
(8, 'eunice', 'Esther@gmail.com', '6789054321', '2024-10-19', '', '2024-10-04 20:56:58'),
(9, 'Beth Martin', 'beth@gmail.com', '1234567890', '2024-10-31', '', '2024-10-04 20:59:15');

-- --

--
-- Table structure for table `contact_messages`

--

CREATE TABLE `contact_messages` (
  `id` int(11) NOT NULL,
  `sender_name` varchar(100) NOT NULL,
  `sender_email` varchar(100) NOT NULL,
  `message` text NOT NULL,
  `submitted_date` timestamp NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `contact_messages`
--

INSERT INTO `contact_messages` (`id`, `sender_name`, `sender_email`, `message`, `submitted_date`) VALUES
(13, 'eunice', 'eunice@gmail.com', 'I just want to hear back from you. I have a problem.', '2024-10-04 14:43:59');

-- --

--
-- Table structure for table `logins`
--

CREATE TABLE `logins` (
  `username` varchar(78) NOT NULL,
  `password` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--

```sql
-- Dumping data for table `logins`
--

INSERT INTO `logins` (`username`, `password`) VALUES
('dan', 'no'),
('Manager', 'manager@123'),
('Esther', 'dev@123');


--
-- Indexes for dumped tables
--


--
-- Indexes for table `client_bookings`
--
ALTER TABLE `client_bookings`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `contact_messages`
--
ALTER TABLE `contact_messages`
  ADD PRIMARY KEY (`id`);


--
-- AUTO_INCREMENT for dumped tables
--


--
-- AUTO_INCREMENT for table `client_bookings`
--
```

ALTER TABLE `client_bookings`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

--

-- AUTO_INCREMENT for table `contact_messages`

--

ALTER TABLE `contact_messages`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=14;

COMMIT;

		id	name	email	phone	consultation_date	message	submission_date
☐	🖉 Edit ⯬ Copy ⊖ Delete	7	ryan	monyaabdeen@gmail.com	5678901234	2024-11-02		2024-10-04 20:27:10
☐	🖉 Edit ⯬ Copy ⊖ Delete	8	eunice	Esther@gmail.com	6789054321	2024-10-19		2024-10-04 23:56:58
☐	🖉 Edit ⯬ Copy ⊖ Delete	9	Beth Martin	beth@gmail.com	1234567890	2024-10-31		2024-10-04 23:59:15

Client_booking table

username	password
Manager	manager@123
Esther	dev@123

Logins table

PHP+DB (SELECT)

<?php
// Start the session to store login state
session_start();

// Database credentials
$host = 'localhost';

$dbname = 'software_consultancy_firm';

$username = 'root';

$password = '';

// Connect to the database

```php
$conn = new mysqli($host, $username, $password, $dbname);

// Check if the connection was successful
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Check if the form was submitted
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    // Get the submitted form data
    $user = $_POST['username'];
    $pass = $_POST['password'];

    // Prepare a SQL statement to prevent SQL injection
    $stmt = $conn->prepare("SELECT * FROM logins WHERE username = ? AND password
= ?");
    $stmt->bind_param("ss", $user, $pass);

    // Execute the query
    $stmt->execute();
    $result = $stmt->get_result();

    // Check if a matching row was found
    if ($result->num_rows > 0) {
        // Successful login, redirect to team_page.html
        header("Location: team_page.html");
        exit();
    } else {
        // Login failed, redirect back to the login page with an error
        echo "<script>alert('Invalid username or password. Please try again.'); window.location.href
= 'team_access.html';</script>";
```

```php
    }

    // Close the statement and the connection

    $stmt->close();

    $conn->close();
}
?>
```


Explanation:

The above code selects from the database the username and password so that the user can access another part of the website.

PHP+DB (INSERT)

```php
<?php
// Enable error reporting for debugging
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);
```

```php
// Check if the form is submitted via POST
if ($_SERVER["REQUEST_METHOD"] == "POST") {

    // Get form data and trim any extra spaces
    $name = trim($_POST['name']);
    $email = trim($_POST['email']);
    $phone = trim($_POST['phone']);
    $consultation_date = $_POST['consultation_date'];
    $message = trim($_POST['message']);

    // Validate required fields
    if (empty($name) || empty($email) || empty($phone) || empty($consultation_date)) {
                    echo     "<script>alert('Please    fill    in    all    required    fields.');
window.location.href='book_with_us.html';</script>";
        exit();
    }

    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "software_consultancy_firm";

    // Create MySQL connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check database connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
```

```php
    // Insert data into the bookings table
    $sql = "INSERT INTO client_bookings (name, email, phone, consultation_date, message)
VALUES (?, ?, ?, ?, ?)";
    $stmt = $conn->prepare($sql);

    // Check if prepare was successful
    if ($stmt === false) {
        die("MySQL prepare statement error: " . $conn->error);
    }

    // Bind the parameters to the prepared statement
    $stmt->bind_param("sssss", $name, $email, $phone, $consultation_date, $message);

    // Execute the statement
    if ($stmt->execute()) {
        // Success, redirect to homepage
        echo "<script>alert('Your consultation has been successfully booked! We will contact you
soon.'); window.location.href='homepage.html';</script>";
    } else {
        // On error, show the MySQL error message
                    echo      "<script>alert('Error:   "    .     $stmt->error    .     "');
window.location.href='book_with_us.html';</script>";
    }

    // Close the prepared statement and the MySQL connection
    $stmt->close();
    $conn->close();
}
?>
```

Explanation:

The above code inserts data that the user puts in to book with the firm into the database(software_consultancy_firm).

PHP+DB (UPDATE)

```php
<?php
// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "software_consultancy_firm";
```

```php
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// View records
if (isset($_POST['view_bookings'])) {
    $result = $conn->query("SELECT * FROM client_bookings");
    if ($result->num_rows > 0) {
        echo "<h2>Client Bookings</h2><ul>";
        while($row = $result->fetch_assoc()) {
            echo "<li>Booking ID: " . $row['id'] . " | Name: " . $row['name'] . " | Email: " . $row['email'] .
" | Phone Number: " . $row['phone'] . " | Message: " . $row['message'] . "| Date: " .
$row['submission_date'] . "</li>";
        }
        echo "</ul>";
    } else {
        echo "No bookings found.";
    }
} elseif (isset($_POST['view_messages'])) {
    $result = $conn->query("SELECT * FROM contact_messages");
    if ($result->num_rows > 0) {
        echo "<h2>Contact Messages</h2><ul>";
        while($row = $result->fetch_assoc()) {
            echo "<li>Message ID: " . $row['id'] . " | Email: " . $row['sender_email'] . "| Name: " .
$row['sender_name'] . " | Message: " . $row['message'] . "</li>";
        }
        echo "</ul>";
    } else {
```

```php
        echo "No messages found.";
    }
}
// Update client booking
if (isset($_POST['update_booking'])) {
    // Ensure all necessary fields are set
     if (isset($_POST['id']) && isset($_POST['name']) && isset($_POST['phone']) &&
isset($_POST['consultation_date'])) {
        $id = $_POST['id'];
        $name = $_POST['name'];
        $phone = $_POST['phone'];
        $consultation_date = $_POST['consultation_date'];
        $email = $_POST['email'];

        // Update query - make sure to use the correct column names in your table
            $stmt = $conn->prepare("UPDATE client_bookings SET name=?, phone=?,
consultation_date=? WHERE id=?");
        $stmt->bind_param("sssi", $name, $phone, $consultation_date, $id);

        if ($stmt->execute()) {
                                echo    "<script>alert('Record    updated    successfully!');
window.location.href='team_page.html';</script>";
        } else {
                    echo "<script>alert('Error    updating    record: "    .    $conn->error    .    "');
window.location.href='team_page.html';</script>";
        }

        $stmt->close();
    } else {
                                echo          "<script>alert('Missing          required          fields.');
window.location.href='team_page.html';</script>";
```

```php
    }
}


// View bookings
if (isset($_POST['view_bookings'])) {
    $result = $conn->query("SELECT * FROM client_bookings");
    if ($result->num_rows > 0) {
        echo "<h2>Client Bookings</h2><ul>";
        while ($row = $result->fetch_assoc()) {
            echo "<li>Booking ID: " . $row['id'] . " | Name: " . $row['name'] . " | Phone: " .
$row['phone'] . " | Consultation Date: " . $row['consultation_date'] . "</li>";
        }
        echo "</ul>";
    } else {
        echo "No bookings found.";
    }
}
// Delete booking or message
if (isset($_POST['delete_booking'])) {
    $delete_id = $_POST['delete_id'];
    $sql = "DELETE FROM client_bookings WHERE id=$delete_id";

    if ($conn->query($sql) === TRUE) {
                        echo        "<script>alert('Booking        deleted        successfully!');
window.location.href='team_page.html';</script>";
    } else {
                echo     "<script>alert('Error     deleting     booking:     '.     $conn->error);
window.location.href='team_page.html';</script>";
    }
} elseif (isset($_POST['delete_message'])) {
    $delete_id = $_POST['delete_id'];
```

```php
    $sql = "DELETE FROM contact_messages WHERE id=$delete_id";

    if ($conn->query($sql) === TRUE) {
        echo "<script>alert('Message deleted successfully!'); window.location.href='team_page.html';</script>";
    } else {
        echo "Error deleting message: " . $conn->error; echo "<script>alert('Error deleting message: ' . $conn->error'); window.location.href='team_page.html';</script>";
    }
}

$conn->close();
?>
```


			id	name	email	phone	consultation_date	message	submission_date
☐	Edit	Copy	Delete	7	ryan	monyaabdeen@gmail.com	5678901234	2024-11-02		2024-10-04 20:27:10
☐	Edit	Copy	Delete	8	Esther Ruth	Esther@gmail.com	0987654321	2024-10-18		2024-10-04 23:56:58
☐	Edit	Copy	Delete	9	Beth Martin	beth@gmail.com	1234567890	2024-10-31		2024-10-04 23:59:15

Before updating

			id	name	email	phone	consultation_date	message	submission_date
☐	Edit	Copy	Delete	7	ryan	monyaabdeen@gmail.com	5678901234	2024-11-02		2024-10-04 20:27:10
☐	Edit	Copy	Delete	8	eunice	Esther@gmail.com	6789054321	2024-10-19		2024-10-04 23:56:58
☐	Edit	Copy	Delete	9	Beth Martin	beth@gmail.com	1234567890	2024-10-31		2024-10-04 23:59:15

After updating

Explanation:

The code above allows the team members to update, delete and view data from the database.