



UMS
UNIVERSITI MALAYSIA SABAH

FACULTY OF COMPUTING AND INFORMATICS

KK34703: WEB ENGINEERING

SEMESTER 1 2025/2026

LAB TEST 1

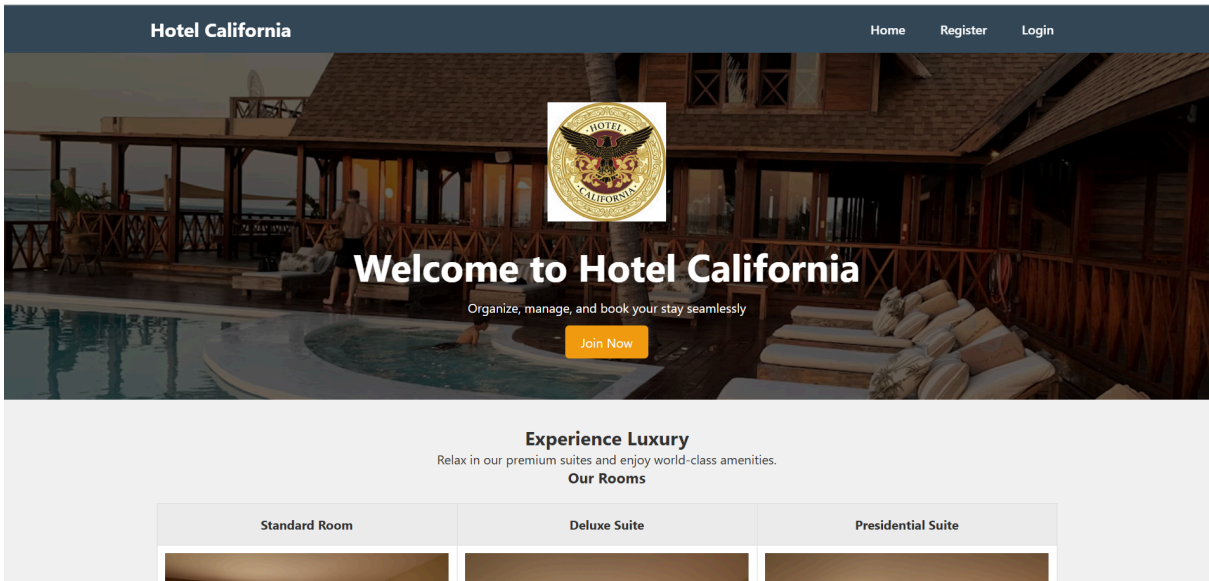
HOTEL BOOKING MANAGEMENT SYSTEM

Prepared by,

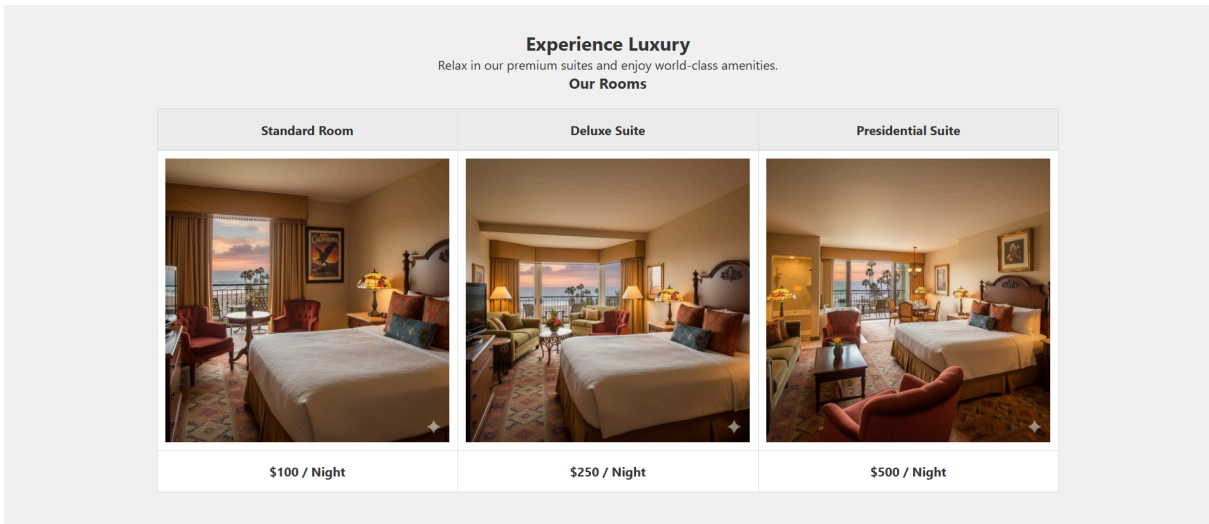
Name	Matric Number
TAN CONG	BI23110224

1.0 Home Page

This is the home page of Hotel California (Hotel Booking Management System). [Lab 2]

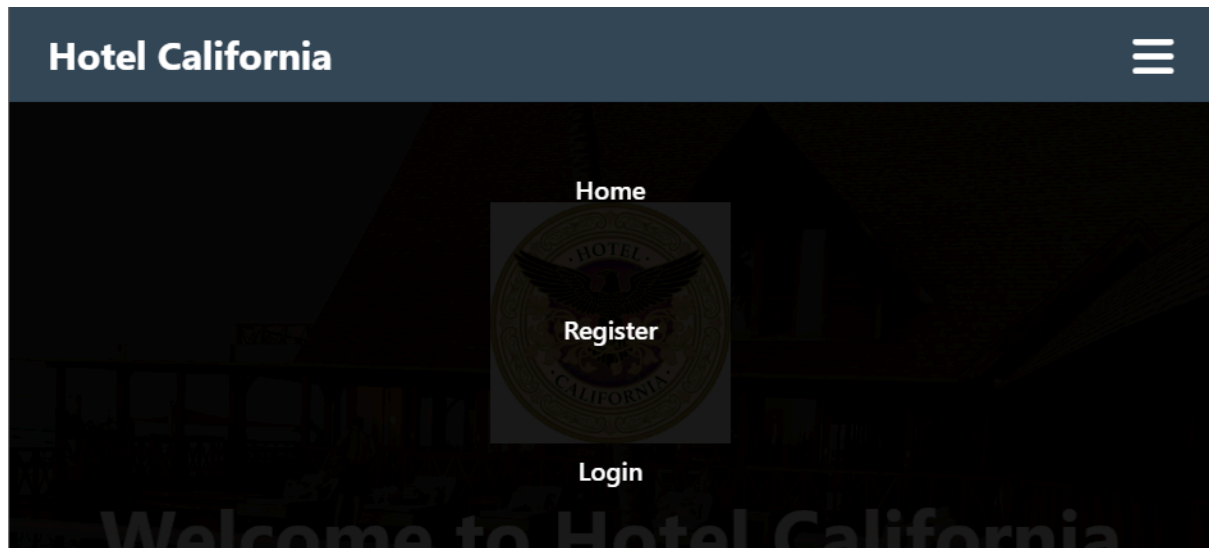


These are the types of rooms of Hotel California. [Lab 2]



The Hamburger Icon for Navigation is shown when the size of the webpage is below 768px.

[Lab 2]



2.0 Registration Page

This page allows users to register accounts for Hotel California.[Lab 3]

Hotel California

HomeRegisterLogin

Register

Membership Tier

☐ Silver (Free)

☐ Gold (\$50/yr)

☐ Platinum (\$100/yr)

Full Name

Jane Doe

Email

you@example.com

Phone (10 Digits)

0123456789

Password (6-8 Characters)

Secret123

I am interested in updates about:

☐ Room Promotions

☐ Fine Dining

☐ Spa & Wellness

User register for an account. [Lab 3]

Full Name

John Doe

Email

JohnDoe@gmail.com

Phone (10 Digits)

0176586345

Password (6-8 Characters)

.....

I am interested in updates about:

☒ Room Promotions

☐ Fine Dining

☐ Spa & Wellness

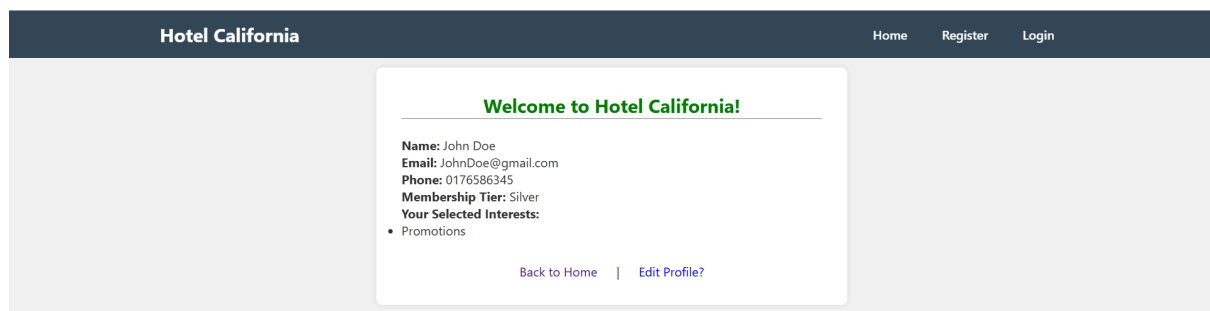
☐ Hotel Events

☐ Local Tours

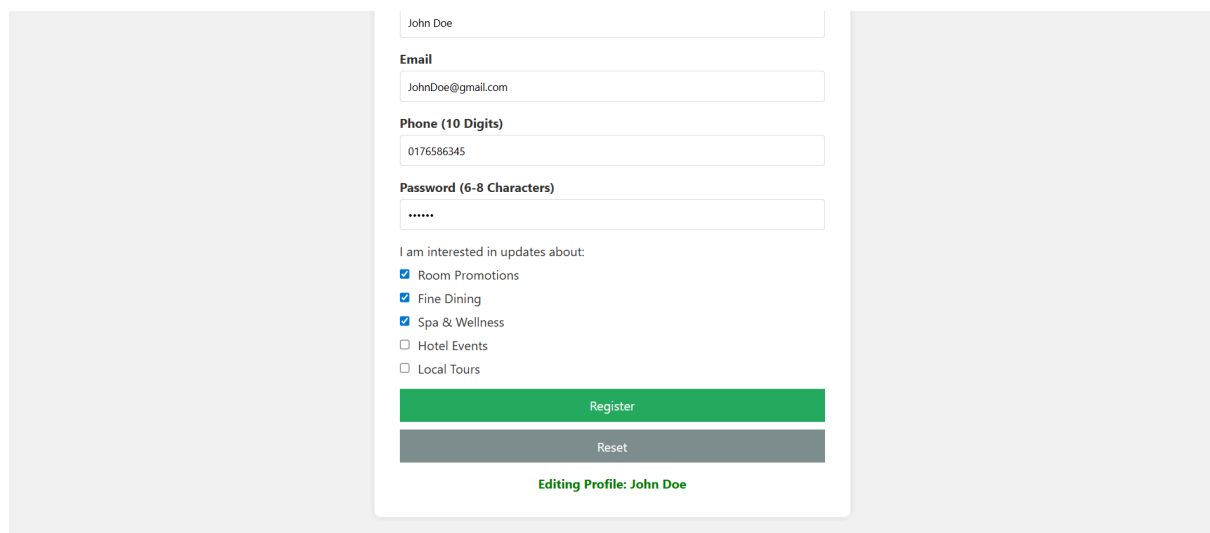
Register

Reset

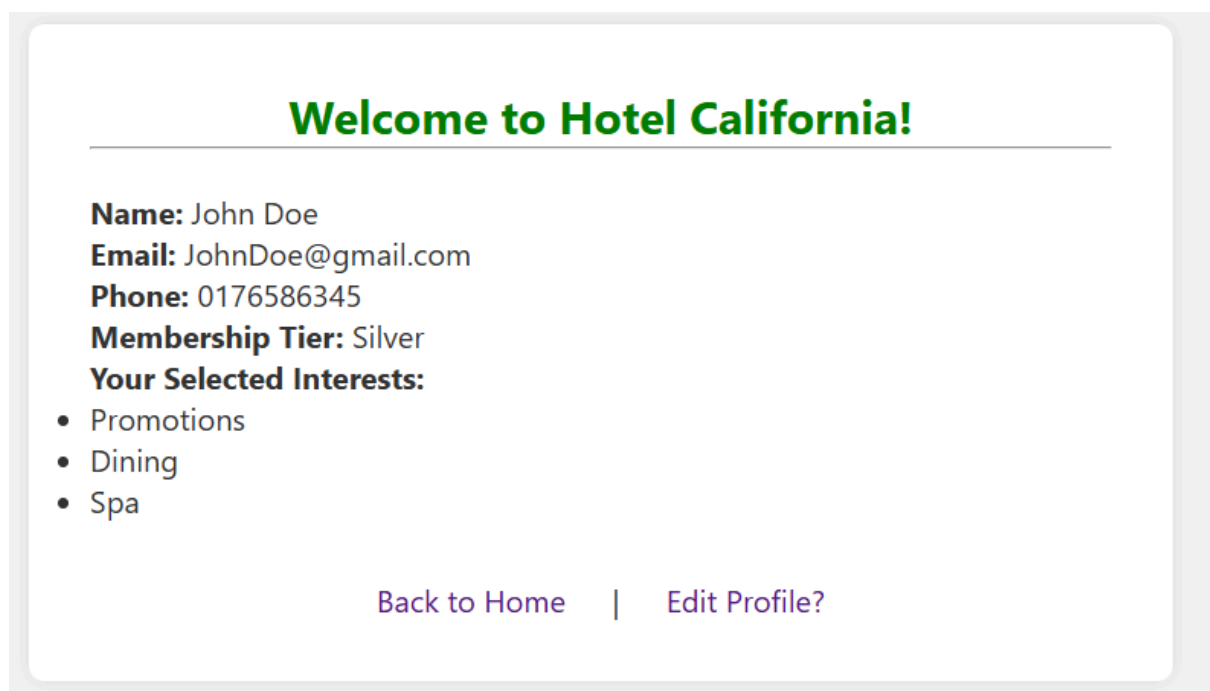
User successfully register an account. [Lab 3 - 4]



The user wants to edit the profile. [Lab 3 - 4]



The user successfully edited the profile. [Lab 3 - 4]



3.0 Login Page

User login to his profile. [Lab 4]

Hotel California Home Register Login

Login

Email: JohnDoe@gmail.com

Password: *****

Login

[Forgot password?](#)

The user successfully logged in to his profile. [Lab 4]

The system uses the POST method. [Lab 4]

Hotel California Home Register Login

Login Status

Method Used: POST

Email: JohnDoe@gmail.com

Password: *****

[Return Home](#)

4.0 Comments

I have used AI to help maximize and ease the usage of navigation bar by directly implementing javascript into nav.php to allow pages to navigate to each other without any redundant code.

```
include > 🐞 nav.php
1  <nav class="navbar">
2      <div class="nav-container">
3          <div class="logo">Hotel California</div>
4
5          <ul id="nav-links">
6              <li><a href="index.php">Home</a></li>
7              <li><a href="register.php">Register</a></li>
8              <li><a href="login.php">Login</a></li>
9          </ul>
10         <div class="menu-icon" id="menu-icon">
11             <i class="fas fa-bars"></i>
12         </div>
13     </div>
14 </nav>
15
16 <!-- AI Support -->
17 <!-- JavaScript is now INCLUDED here so it works on ALL pages -->
18 <script>
19     document.addEventListener("DOMContentLoaded", () => {
20         const menuIcon = document.getElementById('menu-icon');
21         const navLinks = document.getElementById('nav-links');
22
23         // Check if elements exist to avoid errors
24         if (menuIcon && navLinks) {
25             menuIcon.addEventListener('click', () => {
26                 // This toggles the 'active' class defined in your CSS
27                 navLinks.classList.toggle('active');
28             });
29         }
30     });
31 </script>
```

This piece of code examines whether the \$interests array holds values, to see if the user picked amenities. When choices are present, it runs through them, turning each into a cleaned and properly capitalised list item, When nothing is selected, instead, a simple note appears stating no interests were given.

```
<!-- AI Support -->
| <!-- 1. Check if the interests array is NOT empty (User checked at least one box) -->
<?php if(!empty($interests)): ?>
    <p><strong>Your Selected Interests:</strong></p>
    <ul>
        <!-- 2. Loop through every selected item in the array -->
        <?php foreach($interests as $item): ?>
            <!-- 3. Print the item: capitalize first letter (ucfirst) and sanitize for security (htmlspecialchars) -->
            <li><?= htmlspecialchars(ucfirst($item)) ?></li>
        <?php endforeach; ?>
    </ul>
<!-- 4. Fallback: If array is empty, show this message instead -->
```