**CA-3**

****

Web Technologies – CAP757

**Name**: Aboobacker Siddeeque K

**Roll Number**: 36

**Admission Number**: 12300016

**Question: College Leave ManagementSystem**

1. User Authentication System:
   * Complete signup and login functionality
   * Session management using localStorage
   * Protected routes (redirects to home if not logged in)
2. Form Validation:
   * Client-side validation for all forms
   * Real-time feedback for users
   * Password matching and strength checks
3. Toast Notifications:
   * Visual feedback for user actions
   * Success and error messages
   * Auto-dismiss after display
4. Leave Application System:
   * Stores leave applications in user profile
   * Date validation (end date can't be before start date)
   * Pre-filled user information
5. Dynamic Attendance Display:
   * Calculates attendance percentage
   * Color-coded progress bars based on percentage
   * Responsive card layout
6. Navigation Improvements:
   * Disables protected links when not logged in
   * Shows user profile when logged in
   * Proper logout functionality
7. Data Persistence:
   * All user data stored in localStorage
   * Sample data initialization
   * Data integrity checks

**Code:**

1. **index.html**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Home | College Leave Management</title>**

**<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">**

**<!-- Bootstrap CSS -->**

**<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">**

**<!-- Custom CSS -->**

**<link rel="stylesheet" href="./src/styles.css">**

**<!-- Bootstrap Icons -->**

**<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.0/font/bootstrap-icons.css">**

**</head>**

**<body>**

**<!-- Toast Notification -->**

**<div class="position-fixed bottom-0 end-0 p-3" style="z-index: 11">**

**<div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-atomic="true">**

**<div class="toast-header">**

**<strong class="me-auto" id="toast-title">Notification</strong>**

**<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>**

**</div>**

**<div class="toast-body" id="toast-message"></div>**

**</div>**

**</div>**

**<!-- Navbar -->**

**<nav class="navbar navbar-expand-lg navbar-light fixed-top">**

**<div class="container">**

**<a class="navbar-brand" href="index.html">**

**<i class="bi bi-calendar-check me-2"></i>Leave Management**

**</a>**

**<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">**

**<span class="navbar-toggler-icon"></span>**

**</button>**

**<div class="collapse navbar-collapse" id="navbarNav">**

**<ul class="navbar-nav mx-auto">**

**<li class="nav-item">**

**<a class="nav-link active" href="index.html">Home</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="./src/attendance.html">Attendance</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="./src/apply-leave.html">Apply Leave</a>**

**</li>**

**</ul>**

**<div class="d-flex" id="authButtons">**

**<a href="#" class="btn btn-primary me-2" data-bs-toggle="modal" data-bs-target="#signupModal">**

**Sign Up**

**</a>**

**<a href="#" class="btn btn-outline-primary" data-bs-toggle="modal" data-bs-target="#loginModal">**

**Login**

**</a>**

**</div>**

**<div class="d-flex align-items-center d-none" id="userProfile">**

**<span class="me-3" id="usernameDisplay"></span>**

**<button class="btn btn-outline-danger btn-sm" id="logoutBtn">Logout</button>**

**</div>**

**</div>**

**</div>**

**</nav>**

**<main>**

**<!-- Hero Section -->**

**<section class="hero">**

**<div class="container text-center">**

**<h1 class="display-4 fw-bold mb-4">College Leave Management System</h1>**

**<p class="lead mb-5">Efficiently manage and track leave requests with our streamlined platform</p>**

**<div class="d-grid gap-3 d-sm-flex justify-content-sm-center">**

**<a href="./src/apply-leave.html" class="btn btn-primary btn-lg px-4" id="applyLeaveBtn">**

**Apply for Leave**

**</a>**

**<a href="./src/attendance.html" class="btn btn-outline-primary btn-lg px-4" id="viewAttendanceBtn">**

**View Attendance**

**</a>**

**</div>**

**</div>**

**</section>**

**</main>**

**<!-- Footer -->**

**<footer class="footer">**

**<div class="container">**

**<div class="row">**

**<div class="col-md-6">**

**<p>College Leave Management System</p>**

**</div>**

**<div class="col-md-3">**

**<h5>Quick Links</h5>**

**<ul class="list-unstyled">**

**<li><a href="index.html">Home</a></li>**

**<li><a href="./src/attendance.html">Attendance</a></li>**

**<li><a href="./src/apply-leave.html">Apply Leave</a></li>**

**</ul>**

**</div>**

**<div class="col-md-3">**

**<h5>Contact</h5>**

**<ul class="list-unstyled">**

**<li>**

**<a href="mailto:aboobackerasi193@gmail.com?subject=Leave%20Management%20System%20Query">**

**<i class="bi bi-envelope me-2"></i>EMail**

**</a>**

**</li>**

**<li>**

**<a href="tel:+919656430228">**

**<i class="bi bi-telephone me-2"></i>+91 9656430228**

**</a>**

**</li>**

**</ul>**

**</div>**

**</div>**

**<hr class="mt-4 mb-4" style="border-color: rgba(255,255,255,0.1);">**

**<div class="text-center">**

**<p class="mb-0">&copy; <script>document.write(new Date().getFullYear())</script> LeaveTrack. All rights reserved.</p>**

**</div>**

**</div>**

**</footer>**

**<!-- Sign Up Modal -->**

**<div class="modal fade" id="signupModal" tabindex="-1" aria-labelledby="signupModalLabel" aria-hidden="true">**

**<div class="modal-dialog modal-dialog-centered">**

**<div class="modal-content">**

**<div class="modal-header">**

**<h5 class="modal-title" id="signupModalLabel">Student Registration</h5>**

**<button type="button" class="btn-close btn-close-white" data-bs-dismiss="modal" aria-label="Close"></button>**

**</div>**

**<div class="modal-body">**

**<form id="signupForm">**

**<h6 class="mb-3">Personal Information</h6>**

**<div class="row g-3">**

**<div class="col-md-6">**

**<label for="signupName" class="form-label">Full Name</label>**

**<input type="text" class="form-control" id="signupName" required>**

**<div class="invalid-feedback">Please provide your full name.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="signupDob" class="form-label">Date of Birth</label>**

**<input type="date" class="form-control" id="signupDob" required>**

**<div class="invalid-feedback">Please provide your date of birth.</div>**

**</div>**

**</div>**

**<h6 class="mt-4 mb-3">Academic Information</h6>**

**<div class="row g-3">**

**<div class="col-md-6">**

**<label for="registrationNumber" class="form-label">Registration Number</label>**

**<input type="text" class="form-control" id="registrationNumber" required>**

**<div class="invalid-feedback">Please provide your registration number.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="courseSelect" class="form-label">Course</label>**

**<select class="form-select" id="courseSelect" required>**

**<option value="" selected disabled>Select Course</option>**

**<option value="btech">B.Tech</option>**

**<option value="mtech">M.Tech</option>**

**<option value="bca">BCA</option>**

**<option value="mca">MCA</option>**

**<option value="bba">BBA</option>**

**<option value="mba">MBA</option>**

**</select>**

**<div class="invalid-feedback">Please select your course.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="departmentSelect" class="form-label">Department</label>**

**<select class="form-select" id="departmentSelect" required>**

**<option value="" selected disabled>Select Department</option>**

**<option value="cse">Computer Science</option>**

**<option value="ece">Electronics</option>**

**<option value="mech">Mechanical</option>**

**<option value="civil">Civil</option>**

**<option value="mba">Business Administration</option>**

**</select>**

**<div class="invalid-feedback">Please select your department.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="sectionSelect" class="form-label">Section</label>**

**<select class="form-select" id="sectionSelect" required>**

**<option value="" selected disabled>Select Section</option>**

**<option value="A">Section A</option>**

**<option value="B">Section B</option>**

**<option value="C">Section C</option>**

**<option value="D">Section D</option>**

**</select>**

**<div class="invalid-feedback">Please select your section.</div>**

**</div>**

**</div>**

**<h6 class="mt-4 mb-3">Account Credentials</h6>**

**<div class="row g-3">**

**<div class="col-md-6">**

**<label for="signupEmail" class="form-label">Email</label>**

**<input type="email" class="form-control" id="signupEmail" required>**

**<div class="invalid-feedback">Please provide a valid email.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="signupPassword" class="form-label">Password</label>**

**<input type="password" class="form-control" id="signupPassword" required minlength="6">**

**<div class="invalid-feedback">Password must be at least 6 characters.</div>**

**</div>**

**<div class="col-md-6">**

**<label for="signupConfirmPassword" class="form-label">Confirm Password</label>**

**<input type="password" class="form-control" id="signupConfirmPassword" required>**

**<div class="invalid-feedback">Passwords must match.</div>**

**</div>**

**</div>**

**<div class="d-grid gap-2 mt-4">**

**<button type="submit" class="btn btn-primary">Complete Registration</button>**

**</div>**

**</form>**

**</div>**

**<div class="modal-footer justify-content-center">**

**<p class="mb-0">Already registered?**

**<a href="#" class="text-primary fw-bold" data-bs-dismiss="modal" data-bs-toggle="modal" data-bs-target="#loginModal">Login here</a>**

**</p>**

**</div>**

**</div>**

**</div>**

**</div>**

**<!-- Login Modal -->**

**<div class="modal fade" id="loginModal" tabindex="-1" aria-labelledby="loginModalLabel" aria-hidden="true">**

**<div class="modal-dialog">**

**<div class="modal-content">**

**<div class="modal-header">**

**<h5 class="modal-title" id="loginModalLabel">Login to Your Account</h5>**

**<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>**

**</div>**

**<div class="modal-body">**

**<form id="loginForm">**

**<div class="mb-3">**

**<label for="loginEmail" class="form-label">Email address</label>**

**<input type="email" class="form-control" id="loginEmail" required>**

**<div class="invalid-feedback">Please provide your email.</div>**

**</div>**

**<div class="mb-3">**

**<label for="loginPassword" class="form-label">Password</label>**

**<input type="password" class="form-control" id="loginPassword" required>**

**<div class="invalid-feedback">Please provide your password.</div>**

**</div>**

**<div class="d-grid">**

**<button type="submit" class="btn btn-primary">Login</button>**

**</div>**

**</form>**

**</div>**

**<div class="modal-footer justify-content-center">**

**<p class="mb-0">Don't have an account? <a href="#" class="text-primary fw-bold" data-bs-dismiss="modal" data-bs-toggle="modal" data-bs-target="#signupModal">Sign up here</a></p>**

**</div>**

**</div>**

**</div>**

**</div>**

**<!-- Bootstrap JS -->**

**<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>**

**<!-- Custom JS -->**

**<script src="./src/script.js"></script>**

**</body>**

**</html>**

1. **attendance.html**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Attendance | College Leave Management</title>**

**<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"**

**rel="stylesheet">**

**<!-- Bootstrap CSS -->**

**<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">**

**<!-- Custom CSS -->**

**<link rel="stylesheet" href="styles.css">**

**</head>**

**<body>**

**<!-- Toast Notification -->**

**<div class="position-fixed bottom-0 end-0 p-3" style="z-index: 11">**

**<div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-atomic="true">**

**<div class="toast-header">**

**<strong class="me-auto" id="toast-title">Notification</strong>**

**<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>**

**</div>**

**<div class="toast-body" id="toast-message"></div>**

**</div>**

**</div>**

**<!-- Navbar -->**

**<nav class="navbar navbar-expand-lg navbar-light fixed-top">**

**<div class="container">**

**<a class="navbar-brand" href="../index.html">**

**<i class="bi bi-calendar-check me-2"></i>Leave Management**

**</a>**

**<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">**

**<span class="navbar-toggler-icon"></span>**

**</button>**

**<div class="collapse navbar-collapse" id="navbarNav">**

**<ul class="navbar-nav mx-auto">**

**<li class="nav-item">**

**<a class="nav-link" href="../index.html">Home</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link active" href="attendance.html">Attendance</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="apply-leave.html">Apply Leave</a>**

**</li>**

**</ul>**

**<div class="d-flex align-items-center" id="userProfile">**

**<span class="me-3" id="usernameDisplay"></span>**

**<button class="btn btn-outline-danger btn-sm" id="logoutBtn">Logout</button>**

**</div>**

**</div>**

**</div>**

**</nav>**

**<main>**

**<!-- Attendance Header -->**

**<section class="py-5 bg-light-green">**

**<div class="container">**

**<div class="d-flex justify-content-between align-items-center">**

**<h1 class="mb-0">Your Attendance</h1>**

**<div class="dropdown">**

**<button class="btn btn-outline-primary dropdown-toggle" type="button" id="semesterDropdown" data-bs-toggle="dropdown">**

**Semester 1**

**</button>**

**<ul class="dropdown-menu">**

**<li><a class="dropdown-item" href="#">Semester 1</a></li>**

**<li><a class="dropdown-item" href="#">Semester 2</a></li>**

**<li><a class="dropdown-item" href="#">Semester 3</a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**</section>**

**<!-- Attendance Cards -->**

**<section class="py-5">**

**<div class="container">**

**<div class="row g-4" id="attendanceCards">**

**<!-- Cards will be dynamically inserted here -->**

**</div>**

**</div>**

**</section>**

**</main>**

**<!-- Footer -->**

**<footer class="footer">**

**<div class="container">**

**<div class="text-center">**

**<p>College Leave Management System</p>**

**<p class="mb-0">&copy; <script>document.write(new Date().getFullYear())</script> LeaveTrack. All rights reserved.</p>**

**</div>**

**</div>**

**</footer>**

**<!-- Bootstrap JS -->**

**<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>**

**<!-- Bootstrap Icons -->**

**<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.0/font/bootstrap-icons.css">**

**<!-- Custom JS -->**

**<script>**

**document.addEventListener('DOMContentLoaded', function() {**

**const currentUser = JSON.parse(localStorage.getItem('currentUser'));**

**const toastLive = document.getElementById('liveToast');**

**const toast = new bootstrap.Toast(toastLive);**

**if (!currentUser) {**

**window.location.href = '../index.html';**

**return;**

**}**

**// Display username**

**document.getElementById('usernameDisplay').textContent = currentUser.name;**

**// Handle logout**

**document.getElementById('logoutBtn').addEventListener('click', function() {**

**localStorage.removeItem('currentUser');**

**window.location.href = '../index.html';**

**});**

**// Generate attendance cards**

**const attendanceCards = document.getElementById('attendanceCards');**

**if (currentUser.attendance) {**

**Object.entries(currentUser.attendance).forEach(([subject, data]) => {**

**const percentage = Math.round((data.present / data.total) \* 100);**

**const progressColor = percentage >= 75 ? 'bg-success' : percentage >= 50 ? 'bg-warning' : 'bg-danger';**

**const card = document.createElement('div');**

**card.className = 'col-md-6 col-lg-4';**

**card.innerHTML = `**

**<div class="card h-100">**

**<div class="card-header d-flex justify-content-between align-items-center">**

**<h5 class="mb-0">${subject}</h5>**

**<span class="badge bg-secondary">Core</span>**

**</div>**

**<div class="card-body">**

**<div class="mb-3">**

**<div class="d-flex justify-content-between mb-2">**

**<span>Attendance</span>**

**<span>${percentage}%</span>**

**</div>**

**<div class="progress">**

**<div class="progress-bar ${progressColor}" role="progressbar" style="width: ${percentage}%"></div>**

**</div>**

**</div>**

**<div class="row text-center">**

**<div class="col-4">**

**<div class="fw-bold">${data.total}</div>**

**<div class="text-muted small">Total</div>**

**</div>**

**<div class="col-4">**

**<div class="fw-bold">${data.present}</div>**

**<div class="text-muted small">Present</div>**

**</div>**

**<div class="col-4">**

**<div class="fw-bold">${data.total - data.present}</div>**

**<div class="text-muted small">Absent</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**`;**

**attendanceCards.appendChild(card);**

**});**

**}**

**});**

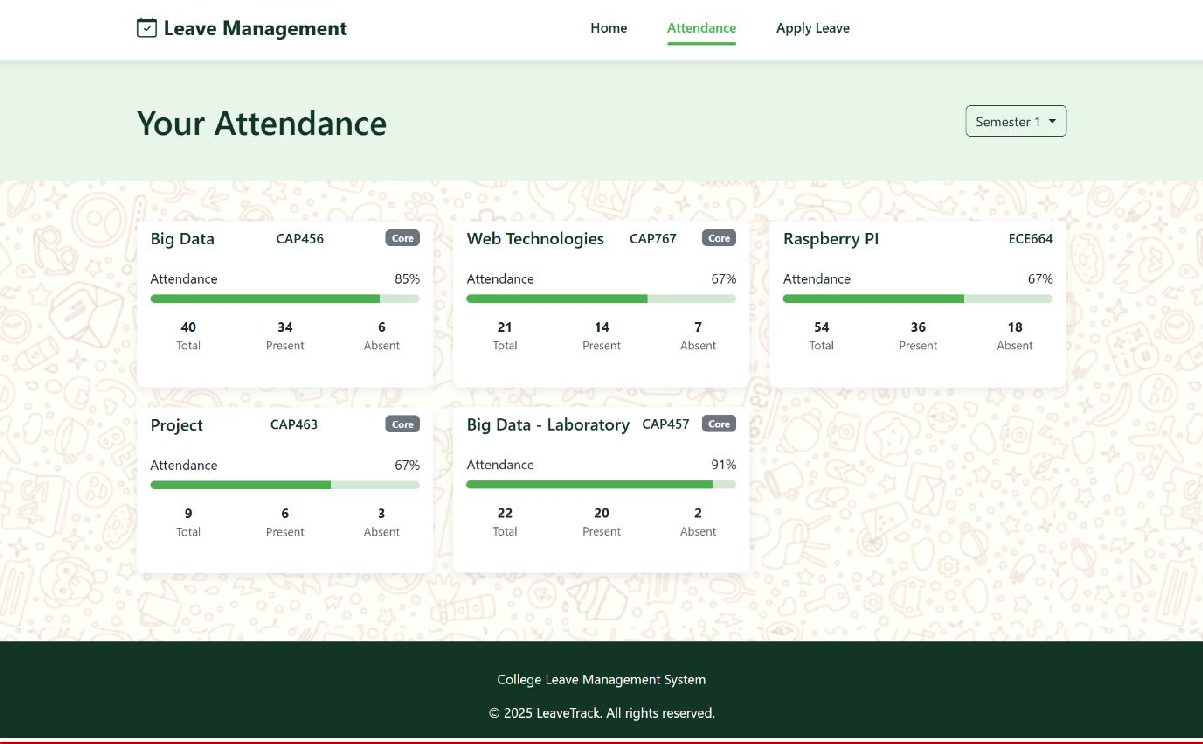
**</script>**

**</body>**

**</html>**

**Screenshot:**

* 1. **Attendence Page**

****

1. **apply-leave.html**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Apply Leave | College Leave Management</title>**

**<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"**

**rel="stylesheet">**

**<!-- Bootstrap CSS -->**

**<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">**

**<!-- Custom CSS -->**

**<link rel="stylesheet" href="styles.css">**

**</head>**

**<body>**

**<!-- Toast Notification -->**

**<div class="position-fixed bottom-0 end-0 p-3" style="z-index: 11">**

**<div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-atomic="true">**

**<div class="toast-header">**

**<strong class="me-auto" id="toast-title">Notification</strong>**

**<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>**

**</div>**

**<div class="toast-body" id="toast-message"></div>**

**</div>**

**</div>**

**<!-- Navbar -->**

**<nav class="navbar navbar-expand-lg navbar-light fixed-top">**

**<div class="container">**

**<a class="navbar-brand" href="../index.html">**

**<i class="bi bi-calendar-check me-2"></i>Leave Management**

**</a>**

**<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">**

**<span class="navbar-toggler-icon"></span>**

**</button>**

**<div class="collapse navbar-collapse" id="navbarNav">**

**<ul class="navbar-nav mx-auto">**

**<li class="nav-item">**

**<a class="nav-link" href="../index.html">Home</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="attendance.html">Attendance</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link active" href="apply-leave.html">Apply Leave</a>**

**</li>**

**</ul>**

**<div class="d-flex align-items-center" id="userProfile">**

**<span class="me-3" id="usernameDisplay"></span>**

**<button class="btn btn-outline-danger btn-sm" id="logoutBtn">Logout</button>**

**</div>**

**</div>**

**</div>**

**</nav>**

**<main>**

**<!-- Application Header -->**

**<section class="py-3 pt-3 bg-light-green">**

**<div class="container text-center">**

**<h1 class="mb-3">Apply for Leave</h1>**

**<p class="lead mb-0">Fill out the form below to submit your leave request</p>**

**</div>**

**</section>**

**<!-- Leave Application Form -->**

**<section class="py-5">**

**<div class="container">**

**<div class="row justify-content-center">**

**<div class="col-lg-8">**

**<div class="card">**

**<div class="card-body p-4">**

**<form id="leaveForm">**

**<div class="row g-3">**

**<div class="col-md-6">**

**<label for="fullName" class="form-label">Full Name</label>**

**<input type="text" class="form-control" id="fullName" required readonly>**

**</div>**

**<div class="col-md-6">**

**<label for="rollNumber" class="form-label">Roll Number</label>**

**<input type="text" class="form-control" id="rollNumber" required readonly>**

**</div>**

**<div class="col-md-6">**

**<label for="leaveType" class="form-label">Leave Type</label>**

**<select class="form-select" id="leaveType" required>**

**<option value="">Select leave type</option>**

**<option>Medical Leave</option>**

**<option>Personal Leave</option>**

**<option>Academic Leave</option>**

**<option>Emergency Leave</option>**

**</select>**

**</div>**

**<div class="col-md-6">**

**<label for="department" class="form-label">Department</label>**

**<input type="text" class="form-control" id="department" required readonly>**

**</div>**

**<div class="col-md-6">**

**<label for="startDate" class="form-label">Start Date</label>**

**<input type="date" class="form-control" id="startDate" required>**

**</div>**

**<div class="col-md-6">**

**<label for="endDate" class="form-label">End Date</label>**

**<input type="date" class="form-control" id="endDate" required>**

**</div>**

**<div class="col-12">**

**<label for="reason" class="form-label">Reason for Leave</label>**

**<textarea class="form-control" id="reason" rows="4" required></textarea>**

**</div>**

**<div class="col-12">**

**<label for="attachment" class="form-label">Supporting Document (if any)</label>**

**<input class="form-control" type="file" id="attachment">**

**</div>**

**<div class="col-12 mt-4">**

**<div class="d-grid">**

**<button type="submit" class="btn btn-primary btn-lg">**

**Submit Application**

**</button>**

**</div>**

**</div>**

**</div>**

**</form>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</section>**

**</main>**

**<!-- Footer -->**

**<footer class="footer">**

**<div class="container">**

**<div class="text-center">**

**<p>College Leave Management System</p>**

**<p class="mb-0">&copy; <script>document.write(new Date().getFullYear())</script> LeaveTrack. All rights reserved.</p>**

**</div>**

**</div>**

**</footer>**

**<!-- Bootstrap JS -->**

**<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>**

**<!-- Bootstrap Icons -->**

**<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.0/font/bootstrap-icons.css">**

**<!-- Custom JS -->**

**<script src="script.js"></script>**

**<script>**

**// Load user data into form**

**document.addEventListener('DOMContentLoaded', function() {**

**const currentUser = JSON.parse(localStorage.getItem('currentUser'));**

**const toastLive = document.getElementById('liveToast');**

**const toast = new bootstrap.Toast(toastLive);**

**if (!currentUser) {**

**window.location.href = '../index.html';**

**return;**

**}**

**// Fill user data**

**document.getElementById('fullName').value = currentUser.name;**

**document.getElementById('rollNumber').value = currentUser.regNumber;**

**document.getElementById('department').value = currentUser.department.toUpperCase() + ' - ' + currentUser.course.toUpperCase();**

**// Set min date for leave (today)**

**const today = new Date().toISOString().split('T')[0];**

**document.getElementById('startDate').min = today;**

**document.getElementById('endDate').min = today;**

**// Handle form submission**

**document.getElementById('leaveForm').addEventListener('submit', function(e) {**

**e.preventDefault();**

**const startDate = new Date(document.getElementById('startDate').value);**

**const endDate = new Date(document.getElementById('endDate').value);**

**if (startDate > endDate) {**

**document.getElementById('toast-title').textContent = 'Error';**

**document.getElementById('toast-message').textContent = 'End date must be after start date';**

**document.querySelector('.toast-header').className = 'toast-header text-white bg-danger';**

**toast.show();**

**return;**

**}**

**// Create leave application**

**const leaveApplication = {**

**id: Date.now(),**

**type: document.getElementById('leaveType').value,**

**startDate: document.getElementById('startDate').value,**

**endDate: document.getElementById('endDate').value,**

**reason: document.getElementById('reason').value,**

**status: 'Pending',**

**submittedAt: new Date().toISOString()**

**};**

**// Update user data**

**currentUser.leaves = currentUser.leaves || [];**

**currentUser.leaves.push(leaveApplication);**

**// Update in users array**

**const users = JSON.parse(localStorage.getItem('users'));**

**const userIndex = users.findIndex(u => u.id === currentUser.id);**

**if (userIndex !== -1) {**

**users[userIndex] = currentUser;**

**localStorage.setItem('users', JSON.stringify(users));**

**}**

**localStorage.setItem('currentUser', JSON.stringify(currentUser));**

**document.getElementById('toast-title').textContent = 'Success';**

**document.getElementById('toast-message').textContent = 'Leave application submitted successfully!';**

**document.querySelector('.toast-header').className = 'toast-header text-white bg-success';**

**toast.show();**

**// Reset form**

**document.getElementById('leaveForm').reset();**

**document.getElementById('fullName').value = currentUser.name;**

**document.getElementById('rollNumber').value = currentUser.regNumber;**

**document.getElementById('department').value = currentUser.department.toUpperCase() + ' - ' + currentUser.course.toUpperCase();**

**});**

**// Update end date min when start date changes**

**document.getElementById('startDate').addEventListener('change', function() {**

**document.getElementById('endDate').min = this.value;**

**});**

**// Handle logout**

**document.getElementById('logoutBtn').addEventListener('click', function() {**

**localStorage.removeItem('currentUser');**

**window.location.href = '../index.html';**

**});**

**// Display username**

**document.getElementById('usernameDisplay').textContent = currentUser.name;**

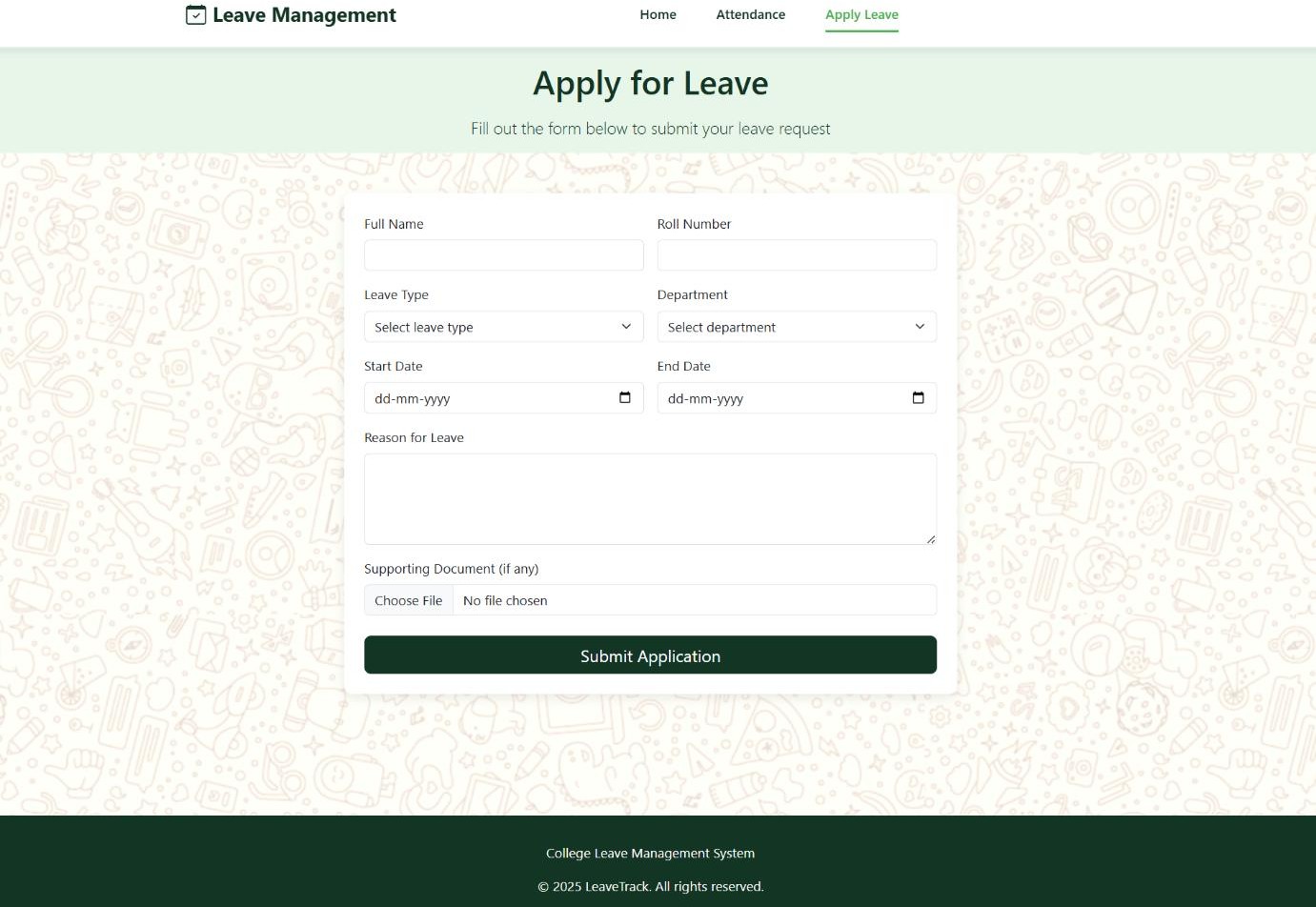
**});**

**</script>**

**</body>**

**</html>**

**Screenshot:**

****

**styles.css**

/\* Phthalo Green Color Theme \*/

:root {

--phthalo-green: #123524;

--light-green: #e8f5e9;

--accent-green: #4caf50;

--white: #ffffff;

*}*

body {

background-color: var(--white); color: var(--phthalo-green);

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; display: flex;

flex-direction: column; min-height: 100vh; margin: 0;

padding: 0;

/\* Navbar Styles \*/

.navbar {

background-color: var(--white) !important; padding: 1rem 0;

box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); border-bottom: 2px solid var(--light-green);

*}*

.navbar-brand {

color: var(--phthalo-green) !important; font-weight: 700;

font-size: 1.5rem; margin-right: 2rem;

*}*

.nav-link {

color: var(--phthalo-green) !important; font-weight: 500;

padding: 0.5rem 1rem !important; margin: 0 0.5rem;

transition: all 0.3s ease;

*}*

.nav-link:hover {

color: var(--accent-green) !important;

*}*

.navbar-toggler {

border-color: var(--phthalo-green) !important;

*}*

.navbar-toggler-icon {

background-image: url("data:image/svg+xml,%3csvg xmlns='[http://www.w3.org/2000/svg'](http://www.w3.org/2000/svg%27) viewBox='0 0 30

30'%3e%3cpath stroke='rgba%2818, 53, 36, 1%29' stroke-linecap='round' stroke-miterlimit='10' stroke- width='2' d='M4 7h22M4 15h22M4 23h22'/%3e%3c/svg%3e") !important;

*}*

/\* Center and space navbar items \*/

.navbar-collapse {

justify-content: center;

*}*

.navbar-nav {

align-items: center;

/\* Active Page Indicator \*/

.nav-link.active {

color: var(--accent-green) !important; font-weight: 600;

position: relative;

*}*

.nav-link.active::after { content: '';

position: absolute; bottom: -2px;

left: 1rem; right: 1rem; height: 3px;

backround-color: var(--accent-green); border-radius: 3px;

*}*

/\* Button Styles \*/

.btn-primary {

background-color: var(--phthalo-green); border: none;

padding: 0.5rem 1.5rem; transition: all 0.3s ease;

.btn-primary:hover {

background-color: var(--accent-green); transform: translateY(-2px);

*}*

.btn-outline-primary {

color: var(--phthalo-green);

border-color: var(--phthalo-green);

.btn-outline-primary:hover {

background-color: var(--phthalo-green); color: var(--white);

*}*

/\* Card Styles \*/

.card {

border: none; border-radius: 10px;

box-shadow: 0 4px 12px rgba(0, 0, 0, 0.08); transition: all 0.3s ease;

margin-bottom: 1.5rem;

*}*

.card:hover {

transform: translateY(-5px);

box-shadow: 0 8px 16px rgba(0, 0, 0, 0.12);

*}*

.card-header {

background-color: white; color: var(--phthalo-green); font-weight: 600;

border-bottom: none;

*}*

/\* Footer Styles \*/

.footer {

background-color: var(--phthalo-green); color: var(--white);

padding: 2rem 0; margin-top: auto;

*}*

.footer a {

color: var(--white); text-decoration: none;

transition: color 0.3s ease;

*}*

.footer a:hover {

color: var(--light-green);

*}*

/\* Main content padding to account for fixed navbar \*/ main {

padding-top: 80px; flex: 1;

background-image: url("./bg.PNG");

/\* Hero Section \*/

.hero {

padding: 4rem 0; margin-bottom: 3rem; margin-top: 5rem; align-items: center;

*}*

/\* Progress Bar \*/

.progress { height: 10px;

border-radius: 5px; background-color: #d1e8d2;

*}*

.progress-bar {

background-color: var(--accent-green);

/\* Form Styles \*/

.form-control:focus {

border-color: var(--accent-green);

box-shadow: 0 0 0 0.25rem rgba(76, 175, 80, 0.25);

*}*

/\* Utility Classes \*/

.text-accent {

color: var(--accent-green);

*}*

.bg-light-green {

background-color: var(--light-green);

*}*

*/\* ====================== \*/*

/\* MEDIA QUERIES \*/

*/\* ====================== \*/*

/\* Large devices (desktops, 1200px and up) \*/ @media (min-width: 1200px) {

.container {

max-width: 1140px;

*}*

.hero {

padding: 6rem 0;

*}*

*}*

/\* Medium devices (tablets, 992px to 1199px) \*/

@media (max-width: 1199px) {

.navbar-brand { font-size: 1.3rem;

margin-right: 1.5rem;

*}*

.nav-link {

padding: 0.5rem 0.8rem !important; margin: 0 0.3rem;

*}*

.hero {

padding: 3.5rem 0;

*}*

*}*

/\* Small devices (landscape phones, 768px to 991px) \*/ @media (max-width: 991px) {

.navbar-collapse { padding-top: 1rem;

.navbar-nav {

margin-bottom: 1rem;

*}*

.nav-link.active::after { display: none;

*}*

.hero {

margin-top: 3rem; padding: 3rem 0;

*}*

.footer .col-md-6,

.footer .col-md-3 {

margin-bottom: 1.5rem; text-align: center;

*}*

*}*

/\* Extra small devices (portrait phones, 576px to 767px) \*/ @media (max-width: 767px) {

body {

padding-top: 60px;

*}*

main {

padding-top: 60px;

*}*

.navbar-brand { font-size: 1.2rem;

margin-right: 1rem;

*}*

.btn-primary,

.btn-outline-primary { padding: 0.4rem 1rem; font-size: 0.9rem;

*}*

.hero {

padding: 2.5rem 0; margin-top: 2rem; margin-bottom: 2rem;

.hero h1 {

font-size: 1.8rem;

*}*

.card {

margin-bottom: 1rem;

*}*

.footer {

padding: 1.5rem 0;

*}*

*}*

/\* Tiny devices (phones, less than 576px) \*/ @media (max-width: 575px) {

.navbar-brand { font-size: 1.1rem;

*}*

.nav-link {

padding: 0.5rem 0.5rem !important; margin: 0 0.2rem;

font-size: 0.9rem;

*}*

.hero {

padding: 2rem 0;

*}*

.hero h1 {

font-size: 1.5rem;

*}*

.hero .btn { display: block; width: 100%;

margin-bottom: 0.5rem;

*}*

.footer {

text-align: center;

*}*

.footer h5 {

margin-bottom: 1rem;

.footer ul {

margin-bottom: 1.5rem;

*}*

*}*

/\* Modal specific responsiveness \*/ @media (max-width: 767px) {

.modal-dialog { margin: 1rem auto;

.modal-content { border-radius: 0;

*}*

*}*

/\* Form specific responsiveness \*/ @media (max-width: 575px) {

.form-control {

font-size: 0.9rem;

*}*

.btn {

font-size: 0.9rem;

*}*

*}*

/\* Card hover effects on mobile \*/ @media (hover: none) {

.card:hover { transform: none;

box-shadow: 0 4px 12px rgba(0, 0, 0, 0.08);

*}*

*}*

**script.js**

// DOM Elements

const loginForm = document.getElementById('loginForm');

const signupForm = document.getElementById('signupForm');

const authButtons = document.getElementById('authButtons');

const userProfile = document.getElementById('userProfile');

const usernameDisplay = document.getElementById('usernameDisplay');

const logoutBtn = document.getElementById('logoutBtn');

const applyLeaveBtn = document.getElementById('applyLeaveBtn');

const viewAttendanceBtn = document.getElementById('viewAttendanceBtn');

const toastLive = document.getElementById('liveToast');

const toast = new bootstrap.Toast(toastLive);

// Initialize

document.addEventListener('DOMContentLoaded', function() {

    checkAuthStatus();

    // Event listeners

    if (loginForm) {

        loginForm.addEventListener('submit', handleLogin);

    }

    if (signupForm) {

        signupForm.addEventListener('submit', handleSignup);

    }

    if (logoutBtn) {

        logoutBtn.addEventListener('click', handleLogout);

    }

});

// Functions

function checkAuthStatus() {

    const currentUser = JSON.parse(localStorage.getItem('currentUser'));

    if (currentUser) {

        authButtons.classList.add('d-none');

        userProfile.classList.remove('d-none');

        usernameDisplay.textContent = currentUser.name;

        // Update navigation buttons

        if (applyLeaveBtn && viewAttendanceBtn) {

            applyLeaveBtn.classList.remove('disabled');

            viewAttendanceBtn.classList.remove('disabled');

        }

    } else {

        authButtons.classList.remove('d-none');

        userProfile.classList.add('d-none');

        // Update navigation buttons

        if (applyLeaveBtn && viewAttendanceBtn) {

            applyLeaveBtn.classList.add('disabled');

            viewAttendanceBtn.classList.add('disabled');

        }

    }

}

function handleLogin(e) {

    e.preventDefault();

    const email = document.getElementById('loginEmail').value;

    const password = document.getElementById('loginPassword').value;

    // Simple validation

    if (!email || !password) {

        showToast('Error', 'Please fill in all fields', 'danger');

        return;

    }

    const users = JSON.parse(localStorage.getItem('users')) || [];

    const user = users.find(u => u.email === email && u.password === password);

    if (user) {

        localStorage.setItem('currentUser', JSON.stringify(user));

        showToast('Success', 'Login successful!', 'success');

        checkAuthStatus();

        $('#loginModal').modal('hide');

        loginForm.reset();

    } else {

        showToast('Error', 'Invalid credentials', 'danger');

    }

}

function handleSignup(e) {

    e.preventDefault();

    // Get form values

    const name = document.getElementById('signupName').value;

    const dob = document.getElementById('signupDob').value;

    const regNumber = document.getElementById('registrationNumber').value;

    const course = document.getElementById('courseSelect').value;

    const department = document.getElementById('departmentSelect').value;

    const section = document.getElementById('sectionSelect').value;

    const email = document.getElementById('signupEmail').value;

    const password = document.getElementById('signupPassword').value;

    const confirmPassword = document.getElementById('signupConfirmPassword').value;

    // Validate form

    if (!name || !dob || !regNumber || !course || !department || !section || !email || !password || !confirmPassword) {

        showToast('Error', 'Please fill in all fields', 'danger');

        return;

    }

    if (password !== confirmPassword) {

        showToast('Error', 'Passwords do not match', 'danger');

        return;

    }

    if (password.length < 6) {

        showToast('Error', 'Password must be at least 6 characters', 'danger');

        return;

    }

    // Check if user already exists

    const users = JSON.parse(localStorage.getItem('users')) || [];

    if (users.some(u => u.email === email)) {

        showToast('Error', 'User already exists with this email', 'danger');

        return;

    }

    // Create new user

    const newUser = {

        id: Date.now(),

        name,

        dob,

        regNumber,

        course,

        department,

        section,

        email,

        password,

        leaves: [],

        attendance: {

            'Big Data': { total: 40, present: 34 },

            'Web Technologies': { total: 21, present: 14 },

            'Raspberry PI': { total: 54, present: 36 },

            'Project': { total: 9, present: 6 },

            'Big Data - Laboratory': { total: 22, present: 20 }

        }

    };

    users.push(newUser);

    localStorage.setItem('users', JSON.stringify(users));

    localStorage.setItem('currentUser', JSON.stringify(newUser));

    showToast('Success', 'Registration successful!', 'success');

    checkAuthStatus();

    $('#signupModal').modal('hide');

    signupForm.reset();

}

function handleLogout() {

    localStorage.removeItem('currentUser');

    showToast('Success', 'Logged out successfully', 'success');

    checkAuthStatus();

}

function showToast(title, message, type = 'success') {

    const toastTitle = document.getElementById('toast-title');

    const toastMessage = document.getElementById('toast-message');

    toastTitle.textContent = title;

    toastMessage.textContent = message;

    // Set background color based on type

    const headerClass = type === 'success' ? 'bg-success' : type === 'danger' ? 'bg-danger' : 'bg-primary';

    toastTitle.parentElement.className = `toast-header text-white ${headerClass}`;

    toast.show();

}

// Initialize users if not exists

if (!localStorage.getItem('users')) {

    localStorage.setItem('users', JSON.stringify([]));

}

**THE END.**