```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Super Admin Dashboard - Document Management System</title>


    <!-- Bootstrap CSS -->

    <link
href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.0/css/bootstrap.min.css"
rel="stylesheet">

    <!-- Bootstrap Icons -->

    <link href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-
icons/1.10.0/font/bootstrap-icons.min.css" rel="stylesheet">

    <!-- Font Awesome -->

    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css" rel="stylesheet">

    <link rel="stylesheet" href="../../assets/css/superAdmin/adminDashboard.css">


</head>
<body>

    <!-- Sidebar -->
<div class="sidebar" id="sidebar">

    <button class="menu-toggle" id="menuToggle">

        <i class="bi bi-list"></i>

      </button>

    <div class="logo-section">

      <div class="logo-circle">

        <img
```

```html
            src="../../assets/images/1x1.png"

            alt="Admin Profile"

            class="profile-pic"

            onerror="this.style.display='none'"

          >

        </div>

        <div class="org-title">ADMIN SYSTEM</div>

        <div class="org-subtitle">Administrator</div>

      </div>


      <ul class="nav-menu">

        <li class="nav-item">

          <a href="#dashboard" class="nav-link active" data-section="dashboard">

            <i class="bi bi-speedometer2"></i>

            <span>Dashboard</span>

          </a>

        </li>


        <li class="menu-section-title">ADMIN TOOLS</li>


        <li class="nav-item">

          <a href="#document-management" class="nav-link" data-section="document-
management">

            <i class="bi bi-file-earmark-text"></i>

            <span>Document Management</span>

          </a>

        </li>
```

```html
<li class="nav-item">
    <a href="#department-management" class="nav-link" data-section="department-management">
        <i class="bi bi-building"></i>
        <span>Department Management</span>
    </a>
</li>


<li class="nav-item">
    <a href="#user-management" class="nav-link" data-section="user-management">
        <i class="bi bi-person-gear"></i>
        <span>User Management</span>
    </a>
</li>


<li class="nav-item">
    <a href="#database-management" class="nav-link" data-section="database-management">
        <i class="bi bi-database"></i>
        <span>Database Management</span>
    </a>
</li>


<li class="nav-item">
    <a href="#audit-trails" class="nav-link" data-section="audit-trails">
        <i class="bi bi-clock-history"></i>
        <span>Audit Trails</span>
    </a>
```

```html
            </li>


        <li class="menu-section-title">SETTING</li>


        <li class="nav-item">
            <a href="#system-information" class="nav-link" data-section="system-information">

                <i class="bi bi-info-circle"></i>

                <span>System Information</span>

            </a>

        </li>

    </ul>
</div>


    <!-- Main Content -->

    <div class="main-content">

        <!-- Top Navbar -->
<div class="top-navbar">

    <h1 class="page-title">

        <i class="bi bi-speedometer2"></i>

        <span class="dashboard-title">DASHBOARD</span>

    </h1>

    <div class="navbar-right">

        <div class="notification-icon">

            <i class="bi bi-bell"></i>

            <span class="notification-badge">3</span>

        </div>

        <div class="settings-icon">
```

```html
        <i class="bi bi-question-circle"></i>
      </div>
      <div class="user-dropdown">
        <div class="user-avatar" onclick="toggleDropdown()">
          SA
        </div>
        <div class="dropdown-menu-custom" id="userDropdown">
          <div class="dropdown-header">
            <h6>SUPER ADMIN</h6>
            <h5>Hi, Admin!</h5>
          </div>
          <div class="dropdown-body">
            <a href="#" class="dropdown-item-custom">
              <i class="bi bi-person"></i>
              Manage Account
            </a>
          </div>
          <div class="dropdown-footer">
            <a href="#" class="btn-logout">
              <i class="bi bi-box-arrow-right"></i>
              Log Out
            </a>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```html
<!-- Content Area -->
<div class="content-area">
  <!-- Dashboard Section -->
  <div class="section active" id="dashboard">
    <!-- Statistics Cards -->
    <div class="row g-4 mb-4">
      <div class="col-md-3">
        <div class="stat-card primary">
          <div class="stat-icon primary">
            <i class="bi bi-people-fill"></i>
          </div>
          <h3 class="stat-value">42</h3>
          <p class="stat-label">Total Users</p>
        </div>
      </div>

      <div class="col-md-3">
        <div class="stat-card success">
          <div class="stat-icon success">
            <i class="bi bi-person-check-fill"></i>
          </div>
          <h3 class="stat-value">38</h3>
          <p class="stat-label">Active Users</p>
        </div>
      </div>

      <div class="col-md-3">
        <div class="stat-card warning">
```

```html
          <div class="stat-icon warning">

            <i class="bi bi-building"></i>

          </div>

          <h3 class="stat-value">7</h3>

          <p class="stat-label">Departments</p>

        </div>

      </div>


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

        <div class="stat-card info">

          <div class="stat-icon info">

            <i class="bi bi-file-earmark-text-fill"></i>

          </div>

          <h3 class="stat-value">156</h3>

          <p class="stat-label">Documents</p>

        </div>

      </div>

    </div>


    <!-- Recent Activities -->

    <div class="data-table">

      <div class="table-header">

        <h2 class="table-title"><i class="bi bi-clock-history me-2"></i>Recent
Activities</h2>

        <a href="#" class="btn btn-primary btn-sm">View All</a>

      </div>

      <div class="table-responsive">

        <table class="table table-hover">
```

```html
<thead>
  <tr>
    <th>User</th>
    <th>Action</th>
    <th>Table</th>
    <th>Date/Time</th>
  </tr>
</thead>
<tbody>
  <tr>
    <td>John Smith</td>
    <td><span class="badge bg-success">LOGIN</span></td>
    <td>users</td>
    <td>Mar 15, 2024 09:23 AM</td>
  </tr>
  <tr>
    <td>Sarah Johnson</td>
    <td><span class="badge bg-primary">CREATE</span></td>
    <td>documents</td>
    <td>Mar 15, 2024 09:15 AM</td>
  </tr>
  <tr>
    <td>Michael Brown</td>
    <td><span class="badge bg-warning">UPDATE</span></td>
    <td>users</td>
    <td>Mar 15, 2024 08:45 AM</td>
  </tr>
  <tr>
```

```html
                    <td>System</td>

                    <td><span class="badge bg-info">BACKUP</span></td>

                    <td>database</td>

                    <td>Mar 15, 2024 08:30 AM</td>

                </tr>

                <tr>

                    <td>Lisa Anderson</td>

                    <td><span class="badge bg-danger">DELETE</span></td>

                    <td>documents</td>

                    <td>Mar 15, 2024 08:12 AM</td>

                </tr>

            </tbody>

        </table>

    </div>

  </div>

</div>


<!-- Document Management Section -->

<div class="section" id="document-management">

  <div class="content-box">

    <div class="d-flex justify-content-between align-items-center mb-4">

      <h2><i class="bi bi-file-earmark-text me-2"></i>Document
Management</h2>

        <button class="btn btn-primary" data-bs-toggle="modal" data-bs-
target="#addDocumentModal">

          <i class="bi bi-plus-circle me-1"></i> Add Document

        </button>

      </div>
```

```html
<p>Manage all documents in the system, including upload, categorization, and access control.</p>

        <div class="table-responsive mt-4">
          <table class="table table-hover">
            <thead>
              <tr>
                <th>Document ID</th>
                <th>Title</th>
                <th>Department</th>
                <th>Uploaded By</th>
                <th>Date</th>
                <th>Status</th>
                <th>Actions</th>
              </tr>
            </thead>
            <tbody id="documentsTableBody">
              <tr>
                <td>DOC-00123</td>
                <td>Quarterly Financial Report</td>
                <td>Finance</td>
                <td>John Smith</td>
                <td>Mar 14, 2024</td>
                <td><span class="badge bg-success">Active</span></td>
                <td>
                  <div class="action-buttons">
                    <button class="btn btn-primary btn-sm">View</button>
                    <button class="btn btn-warning btn-sm">Edit</button>
```

```html
                    <button class="btn btn-danger btn-sm">Delete</button>
                  </div>
                </td>
              </tr>
              <tr>
                <td>DOC-00122</td>
                <td>HR Policy Update</td>
                <td>Human Resources</td>
                <td>Sarah Johnson</td>
                <td>Mar 13, 2024</td>
                <td><span class="badge bg-success">Active</span></td>
                <td>
                  <div class="action-buttons">
                    <button class="btn btn-primary btn-sm">View</button>
                    <button class="btn btn-warning btn-sm">Edit</button>
                    <button class="btn btn-danger btn-sm">Delete</button>
                  </div>
                </td>
              </tr>
            </tbody>
          </table>
        </div>
      </div>
    </div>


    <!-- Department Management Section -->
    <div class="section" id="department-management">
      <div class="content-box">
```

```html
<div class="d-flex justify-content-between align-items-center mb-4">

    <h2><i class="bi bi-building me-2"></i>Department Management</h2>

    <button class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#addDepartmentModal">

        <i class="bi bi-plus-circle me-1"></i> Add Department

    </button>

</div>

<p>Manage organizational departments, assign managers, and configure department-specific settings.</p>


<div class="table-responsive mt-4" id="departmentsTableContainer">

    <table class="table table-hover">

        <thead>

            <tr>

                <th>Department ID</th>

                <th>Department Name</th>

                <th>Department Admin</th>

                <th>User Count</th>

                <th>Status</th>

                <th>Actions</th>

            </tr>

        </thead>

        <tbody id="departmentsTableBody">

            <!-- Departments will be loaded dynamically -->

        </tbody>

    </table>

</div>


</div>
```

```html
        </div>


        <!-- User Management Section -->
        <div class="section" id="user-management">
          <div class="content-box">
            <div class="d-flex justify-content-between align-items-center mb-4">
              <h2><i class="bi bi-person-gear me-2"></i>User Management</h2>
              <button class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#addUserModal">
                <i class="bi bi-plus-circle me-1"></i> Add User
              </button>
            </div>
            <p>Manage system users, assign roles, and control access permissions.</p>

            <div class="table-responsive mt-4">
              <table class="table table-hover">
                <thead>
                  <tr>
                    <th>User ID</th>
                    <th>First Name</th>
                    <th>Last Name</th>
                    <th>Username</th>
                    <th>Email</th>
                    <th>Password</th>
                    <th>Role</th>
                    <th>Department</th>
                    <th>Status</th>
                    <th>Actions</th>
```

```html
        </tr>
</thead>
<tbody id="usersTableBody">
  <tr>
    <td>1</td>
    <td>Admin</td>
    <td>System</td>
    <td>admin</td>
    <td>admin@plpasig.edu.ph</td>
    <td><span class="masked-password">••••••••</span></td>
    <td>super admin</td>
    <td>null</td>
    <td><span class="badge bg-success">Active</span></td>
    <td>
      <div class="action-buttons">
        <button class="btn btn-warning btn-sm">Edit</button>
        <button class="btn btn-danger btn-sm">Delete</button>
      </div>
    </td>
  </tr>
  <tr>
    <td>3</td>
    <td>Jericho</td>
    <td>Riga</td>
    <td>echo</td>
    <td>riga.jericho@plpasig.edu.ph</td>
    <td><span class="masked-password">••••••••</span></td>
    <td>department admin</td>
```

```html
                    <td>College of Computer Studies</td>
                    <td><span class="badge bg-success">Active</span></td>
                    <td>
                      <div class="action-buttons">
                        <button class="btn btn-warning btn-sm">Edit</button>
                        <button class="btn btn-danger btn-sm">Delete</button>
                      </div>
                    </td>
                  </tr>
                </tbody>
              </table>
            </div>
          </div>
        </div>


        <!-- Database Management Section -->
        <div class="section" id="database-management">
          <div class="content-box">
            <div class="d-flex justify-content-between align-items-center mb-4">
              <h2><i class="bi bi-database me-2"></i>Database Management</h2>
              <button class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#addBackupModal">
                <i class="bi bi-plus-circle me-1"></i> Create Backup
              </button>
            </div>
            <p>Manage database backups, perform maintenance, and monitor performance.</p>

            <div class="row mt-4">
```

```html
            <div class="col-md-6">

              <div class="card card-hover">

                <div class="card-body">

                  <h5 class="card-title">Backup Status</h5>

                  <p class="card-text">Last backup: Mar 15, 2024 08:30 AM</p>

                  <button class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#addBackupModal">Create Backup</button>

                </div>

              </div>

            </div>

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

              <div class="card card-hover">

                <div class="card-body">

                  <h5 class="card-title">Database Size</h5>

                  <p class="card-text">Current size: 245 MB</p>

                  <button class="btn btn-warning">Optimize</button>

                </div>

              </div>

            </div>

          </div>


          <div class="data-table mt-4">

            <div class="table-header">

              <h2 class="table-title"><i class="bi bi-database me-2"></i>Recent Backups</h2>

            </div>

            <div class="table-responsive">

              <table class="table table-hover">

                <thead>
```

```html
    <tr>

      <th>Backup ID</th>

      <th>Date Created</th>

      <th>Size</th>

      <th>Status</th>

      <th>Actions</th>

    </tr>

</thead>

<tbody id="backupsTableBody">

    <tr>

      <td>BK-00123</td>

      <td>Mar 15, 2024 08:30 AM</td>

      <td>245 MB</td>

      <td><span class="badge bg-success">Completed</span></td>

      <td>

        <div class="action-buttons">

          <button class="btn btn-primary btn-sm">Download</button>

          <button class="btn btn-danger btn-sm">Delete</button>

        </div>

      </td>

    </tr>

    <tr>

      <td>BK-00122</td>

      <td>Mar 14, 2024 08:30 AM</td>

      <td>240 MB</td>

      <td><span class="badge bg-success">Completed</span></td>

      <td>

        <div class="action-buttons">
```

```html
                    <button class="btn btn-primary btn-sm">Download</button>

                    <button class="btn btn-danger btn-sm">Delete</button>

                  </div>

                </td>

              </tr>

            </tbody>

          </table>

        </div>

      </div>

    </div>

  </div>


  <!-- Audit Trails Section -->

  <div class="section" id="audit-trails">

    <div class="content-box">

      <div class="d-flex justify-content-between align-items-center mb-4">

        <h2><i class="bi bi-clock-history me-2"></i>Audit Trails</h2>

        <button class="btn btn-primary" data-bs-toggle="modal" data-bs-
target="#exportAuditModal">

          <i class="bi bi-download me-1"></i> Export Logs

        </button>

      </div>

      <p>View system activity logs and track user actions for security and
compliance.</p>


      <div class="table-responsive mt-4">

        <table class="table table-hover">

          <thead>

            <tr>
```

```html
                    <th>Time</th>

                    <th>Table</th>

                    <th>Action</th>

                    <th>Description</th>

                    <th>User</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td>Mar 15, 2024 09:23 AM</td>

                    <td>setting</td>

                    <td><span class="badge bg-success">LOGIN</span></td>

                    <td>Change profile</td>

                    <td>User</td>

                </tr>

                <tr>

                    <td>Mar 15, 2024 09:15 AM</td>

                    <td>Document Management</td>

                    <td><span class="badge bg-primary">CREATE</span></td>

                    <td>Created new document: HR Policy Update</td>

                    <td>Department Admin</td>

                </tr>

            </tbody>

        </table>

    </div>

  </div>

</div>
```

```html
<!-- System Information Section -->
<div class="section" id="system-information">
  <div class="content-box">
    <h2><i class="bi bi-info-circle me-2"></i>System Information</h2>
    <p>View system configuration, version information, and server status.</p>

    <div class="row mt-4">
      <div class="col-md-6">
        <div class="card card-hover">
          <div class="card-body">
            <h5 class="card-title">CHANGE LOGO</h5>
          </div>
        </div>
      </div>
      <div class="col-md-6">
        <div class="card card-hover">
          <div class="card-body">
            <h5 class="card-title">SYSTEM BRAND</h5>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>


<!-- Add Document Modal -->
```

```html
<div class="modal fade" id="addDocumentModal" tabindex="-1" aria-labelledby="addDocumentModalLabel" aria-hidden="true">

    <div class="modal-dialog">

      <div class="modal-content">

        <div class="modal-header">

          <h5 class="modal-title" id="addDocumentModalLabel">Add New Document</h5>

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

        </div>

        <div class="modal-body">

          <form id="addDocumentForm">

            <div class="mb-3">

              <label for="documentTitle" class="form-label">Document Title</label>

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

            </div>

            <div class="mb-3">

              <label for="documentDepartment" class="form-label">Department</label>

                <select class="form-select" id="documentDepartment" required>

                  <option value="">Select Department</option>

                  <option value="1">CSS</option>

                  <option value="2">CBA</option>

                  <option value="3">CN</option>

                  <option value="4">COED</option>

                  <option value="7">CoEng</option>

                </select>

            </div>

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

```html
                    <label for="documentFile" class="form-label">Upload File</label>

                    <input type="file" class="form-control" id="documentFile" required>

                </div>

                <div class="mb-3">

                    <label for="documentDescription" class="form-label">Description</label>

                    <textarea class="form-control" id="documentDescription" rows="3"></textarea>

                </div>

            </form>

        </div>

        <div class="modal-footer">

            <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

            <button type="button" class="btn btn-primary" onclick="addDocument()">Add Document</button>

        </div>

    </div>

  </div>

</div>


<!-- Add Department Modal -->
<div class="modal fade" id="addDepartmentModal" tabindex="-1" aria-labelledby="addDepartmentModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="addDepartmentModalLabel">Add New Department</h5>
```

```html
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>
        </div>
        <div class="modal-body">
            <form id="addDepartmentForm">
                <div class="mb-3">
                    <label for="departmentName" class="form-label">Department Name
*</label>
                    <input type="text" class="form-control" id="departmentName" required>
                </div>
                <div class="mb-3">
                    <label for="departmentAdmin" class="form-label">Department
Admin</label>
                    <select class="form-select" id="departmentAdmin">
    <option value="">Select Department Admin</option>
</select>
                </div>
            </form>
        </div>
        <div class="modal-footer">
            <button type="button" class="btn btn-secondary" data-bs-
dismiss="modal">Cancel</button>
            <button type="button" class="btn btn-primary"
onclick="addDepartment()">Add Department</button>
        </div>
    </div>
  </div>
</div>
```

```html
<!-- Edit Department Modal -->
<div class="modal fade" id="editDepartmentModal" tabindex="-1" aria-labelledby="editDepartmentModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="editDepartmentModalLabel">Edit Department</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        <form id="editDepartmentForm">
          <input type="hidden" id="editDepartmentId">
          <div class="mb-3">
            <label for="editDepartmentName" class="form-label">Department Name *</label>
            <input type="text" class="form-control" id="editDepartmentName" required>
          </div>
          <div class="mb-3">
            <label for="editDepartmentCode" class="form-label">Department Code *</label>
            <input type="text" class="form-control" id="editDepartmentCode" required>
          </div>
        </form>
      </div>
      <div class="modal-footer">
```

```html
                <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>
                <button type="button" class="btn btn-primary" onclick="updateDepartment()">Update Department</button>
            </div>
        </div>
    </div>
</div>


<!-- Delete Department Modal -->
<div class="modal fade" id="deleteDepartmentModal" tabindex="-1" aria-labelledby="deleteDepartmentModalLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="deleteDepartmentModalLabel">Confirm Delete</h5>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                <div class="text-center">
                    <i class="bi bi-exclamation-triangle text-warning" style="font-size: 3rem;"></i>
                    <h4 class="mt-3">Are you sure?</h4>
                    <p>You are about to delete the department: <strong id="deleteDepartmentName"></strong></p>
                    <p class="text-danger">This action cannot be undone. All users in this department will need to be reassigned.</p>
                </div>
```

```html
            <input type="hidden" id="deleteDepartmentId">
        </div>

        <div class="modal-footer">

            <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

            <button type="button" class="btn btn-danger" onclick="confirmDeleteDepartment()">Delete Department</button>

        </div>

      </div>

    </div>

  </div>


  <!-- Add User Modal -->
  <div class="modal fade" id="addUserModal" tabindex="-1" aria-labelledby="addUserModalLabel" aria-hidden="true">

    <div class="modal-dialog">

      <div class="modal-content">

        <div class="modal-header">

            <h5 class="modal-title" id="addUserModalLabel">Add New User</h5>

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

        </div>

        <div class="modal-body">

          <form id="addUserForm">

            <div class="mb-3">

              <label class="form-label">First Name</label>

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

            </div>

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

```html
        <label class="form-label">Last Name</label>
        <input type="text" class="form-control" id="userlastName" required>
      </div>
      <div class="mb-3">
        <label class="form-label">Username</label>
        <input type="text" class="form-control" id="userUsername" required>
      </div>
      <div class="mb-3">
        <label class="form-label">Email</label>
        <input type="email" class="form-control" id="userEmail" required>
      </div>
      <div class="mb-3">
        <label class="form-label">Password</label>
        <input type="password" class="form-control" id="userPassword" required>
      </div>
      <div class="mb-3">
        <label class="form-label">Role</label>
        <select class="form-select" id="userRole" required>
          <option value="">Select Role</option>
          <option value="1">Super Admin</option>
          <option value="2">Department Admin</option>
          <option value="3">User</option>
        </select>
      </div>
      <div class="mb-3">
        <label class="form-label">Department</label>
        <select class="form-select" id="userDepartment" required>
```

```html
                    <option value="">Select Department</option>

                    <option value="1">CCS</option>

                    <option value="2">CBA</option>

                    <option value="3">CN</option>

                    <option value="4">COED</option>

                    <option value="7">COENG</option>

                </select>

            </div>

        </form>

    </div>

    <div class="modal-footer">

        <button type="button" class="btn btn-secondary" data-bs-
dismiss="modal">Cancel</button>

        <button type="button" class="btn btn-primary" onclick="addUser()">Add
User</button>

    </div>

</div>

</div>

</div>


<!-- Add Backup Modal -->
<div class="modal fade" id="addBackupModal" tabindex="-1" aria-
labelledby="addBackupModalLabel" aria-hidden="true">

    <div class="modal-dialog">

        <div class="modal-content">

            <div class="modal-header">

                <h5 class="modal-title" id="addBackupModalLabel">Create Database
Backup</h5>
```

```html
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>
        </div>
        <div class="modal-body">
          <form id="addBackupForm">
            <div class="mb-3">
              <label for="backupName" class="form-label">Backup Name</label>
              <input type="text" class="form-control" id="backupName" required>
            </div>
            <div class="mb-3">
              <label for="backupDescription" class="form-label">Description</label>
              <textarea class="form-control" id="backupDescription"
rows="3"></textarea>
            </div>
            <div class="mb-3 form-check">
              <input type="checkbox" class="form-check-input" id="includeFiles">
              <label class="form-check-label" for="includeFiles">Include uploaded files
in backup</label>
            </div>
          </form>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-secondary" data-bs-
dismiss="modal">Cancel</button>
          <button type="button" class="btn btn-primary"
onclick="addBackup()">Create Backup</button>
        </div>
      </div>
    </div>
```

```html
    </div>


    <!-- Export Audit Modal -->

    <div class="modal fade" id="exportAuditModal" tabindex="-1" aria-
labelledby="exportAuditModalLabel" aria-hidden="true">

      <div class="modal-dialog">

        <div class="modal-content">

          <div class="modal-header">

            <h5 class="modal-title" id="exportAuditModalLabel">Export Audit Logs</h5>

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

          </div>

          <div class="modal-body">

            <form id="exportAuditForm">

              <div class="mb-3">

                <label for="exportFormat" class="form-label">Export Format</label>

                <select class="form-select" id="exportFormat" required>

                  <option value="csv">CSV</option>

                  <option value="pdf">PDF</option>

                  <option value="excel">Excel</option>

                </select>

              </div>

              <div class="mb-3">

                <label for="dateRange" class="form-label">Date Range</label>

                <select class="form-select" id="dateRange" required>

                  <option value="today">Today</option>

                  <option value="week">Last 7 Days</option>

                  <option value="month">Last 30 Days</option>

                  <option value="custom">Custom Range</option>
```

```html
        </select>

      </div>

      <div class="mb-3" id="customDateRange" style="display: none;">

        <div class="row">

          <div class="col">

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

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

          </div>

          <div class="col">

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

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

          </div>

        </div>

      </div>

    </form>

  </div>

  <div class="modal-footer">

    <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

    <button type="button" class="btn btn-primary" onclick="exportAuditLogs()">Export Logs</button>

  </div>

  </div>

  </div>

</div>


<!-- Bootstrap JS -->
```

```html
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.0/js/bootstrap.bundle.min.js"
></script>

    <!-- JQuery -->

    <script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

    <script src="../../assets/js/superAdmin/adminDashboard.js"></script>

<    <!-- Custom JS -->


</body>

</html>
```

in the document management, in adding document, incorporate this ocr. (change the layout based on php, just get the ocr function, method, process, and syntax):

```html
<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <title>OCR File Analyzer</title>

 <link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">

</head>

<body>

 <div class="container">

  <h2>OCR FILE ANALYZER</h2>


  <input type="file" id="fileInput" multiple accept=".jpg,.jpeg,.png,.pdf,.docx,.xlsx">

  <br>
```

```html
<br>

<button id="uploadBtn">Upload & Analyze</button>

<!-- File Preview -->
<div id="previewContainer" style="margin-top:15px;"></div>

<!-- Progress Bar -->
<div id="progressContainer" style="display:none; margin-top:15px;">
  <progress id="progressBar" value="0" max="100" style="width:100%;"></progress>
  <p id="progressText"></p>
</div>

<div id="status"></div>

<h3>File Type:</h3>
<p id="fileType"></p>

<h3>Department:</h3>
<p id="department"></p>

<h3>Category:</h3>
<p id="category"></p>

<h3>Extracted Text (Preview):</h3>
<pre id="result"></pre>
</div>
```

```html
  <script src="{{ url_for('static', filename='script.js') }}"></script>
</body>
</html>
```

```python
import os
import cv2
import pytesseract
from PIL import Image
import easyocr
from paddleocr import PaddleOCR
import pdfplumber
import docx
import pandas as pd
from pdf2image import convert_from_path
import numpy as np
import mimetypes

# Avoid MKL error
os.environ["KMP_DUPLICATE_LIB_OK"] = "TRUE"

# Initialize OCR engines
easyocr_reader = easyocr.Reader(['en'])
paddle_reader = PaddleOCR(use_textline_orientation=True, lang='en')


def preprocess_image(img: Image.Image) -> Image.Image:
    """Convert image to grayscale, threshold, and clean noise."""
```

```python
    cv_img = np.array(img.convert("RGB"))

    cv_img = cv2.cvtColor(cv_img, cv2.COLOR_RGB2GRAY)

    _, thresh = cv2.threshold(cv_img, 150, 255, cv2.THRESH_BINARY_INV)

    kernel = np.ones((1, 1), np.uint8)

    processed = cv2.morphologyEx(thresh, cv2.MORPH_OPEN, kernel)

    return Image.fromarray(cv2.cvtColor(processed, cv2.COLOR_GRAY2RGB))


def run_ocr_on_image(img: Image.Image, engine: str = "tesseract") -> str:
    """Run OCR on a PIL image using the selected engine."""
    img = preprocess_image(img)
    if engine == "tesseract":
        return pytesseract.image_to_string(img)
    elif engine == "easyocr":
        results = easyocr_reader.readtext(np.array(img))
        return " ".join([res[1] for res in results])
    elif engine == "paddleocr":
        temp_path = "temp.png"
        img.save(temp_path, format="PNG")
        results = paddle_reader.ocr(temp_path)
        os.remove(temp_path)
        lines = []
        if results and len(results) > 0:
            for line in results[0]:
                text_part = line[1][0]
                lines.append(text_part)
        return " ".join(lines)
    else:
```

```python
        raise ValueError("Unsupported OCR engine")


def get_file_type(file_path: str) -> str:
    """Detect file type by MIME or extension."""
    mime_type, _ = mimetypes.guess_type(file_path)
    if not mime_type:
        return "unknown"
    if mime_type.startswith("image"):
        return "image"
    elif mime_type == "application/pdf":
        return "pdf"
    elif "wordprocessingml.document" in mime_type:
        return "word"
    elif "excel" in mime_type:
        return "excel"
    else:
        return "unknown"


def auto_extract_text(file_path: str, engine: str = "easyocr") -> tuple[str, str]:
    """Extract text from PDF, Word, Excel, or image files."""
    file_type = get_file_type(file_path)
    text = ""

    if file_type == "image":
        img = Image.open(file_path)
        text = run_ocr_on_image(img, engine)
```

```python
    elif file_type == "pdf":
        with pdfplumber.open(file_path) as pdf:
            for page in pdf.pages:
                page_text = page.extract_text()
                if page_text:
                    text += page_text + "\n"
        if not text.strip():  # fallback to OCR on PDF pages
            images = convert_from_path(file_path)
            for img in images:
                text += run_ocr_on_image(img, engine) + "\n"

    elif file_type == "word":
        doc = docx.Document(file_path)
        text = "\n".join([p.text for p in doc.paragraphs])

    elif file_type == "excel":
        df = pd.read_excel(file_path)
        text = df.to_string(index=False)

    else:
        raise ValueError(f"Unsupported or unknown file type: {file_path}")


    return file_type, text.strip() if text else ""


def auto_suggest_metadata(text: str) -> dict:
    """Suggest department and category based on extracted text keywords."""
```

```python
text_lower = text.lower()

# Department keywords
department_keywords = {
    "clinic": ["patient", "doctor", "medical", "appointment", "health", "diagnosis"],
    "finance": ["invoice", "budget", "payment", "balance", "receipt", "tax"],
    "hr": ["employee", "leave", "attendance", "salary", "recruitment"],
    "it": ["server", "network", "software", "system", "error", "support"],
    "admin": ["memo", "announcement", "meeting", "notice", "policy"],
}

# Category keywords
category_keywords = {
    "memo": ["memo", "memorandum", "announcement"],
    "announcement": ["announcement", "notice", "update"],
    "patient record": ["patient", "record", "diagnosis", "treatment"],
    "invoice": ["invoice", "bill", "payment"],
    "report": ["report", "summary", "evaluation"],
    "policy": ["policy", "guidelines", "procedure"],
}

# Detect department
detected_dept = "general"
for dept, keywords in department_keywords.items():
    if any(word in text_lower for word in keywords):
        detected_dept = dept
        break
```

```python
    # Detect category

    detected_cat = "uncategorized"

    for cat, keywords in category_keywords.items():

        if any(word in text_lower for word in keywords):

            detected_cat = cat

            break


    return {"department": detected_dept, "category": detected_cat}
```

```css
body {

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

 background-color: #f8f9fa;

 letter-spacing: 2px;

 margin: 40px;

 text-align: center;

}
.container {

 background: white;

 padding: 20px;

 border-radius: 12px;

 width: 60%;

 margin: auto;

 box-shadow: 0 2px 8px rgba(0,0,0,0.1);

}
pre {

 text-align: left;

 white-space: pre-wrap;
```

```css
  padding: 10px;

  background: #f1f1f1;

  border-radius: 8px;

}

button {

  background: #007BFF;

  color: white;

  border: none;

  padding: 10px 16px;

  border-radius: 6px;

  cursor: pointer;

}

button:hover {

  background: #0056b3;

}


progress {

  height: 20px;

  border-radius: 8px;

  overflow: hidden;

}


#progressText {

  font-size: 0.9em;

  color: #555;

  margin-top: 5px;

}
```

```css
#previewContainer img {

  margin: 5px;

  box-shadow: 0 0 4px rgba(0,0,0,0.2);

}


body {

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

  background-color: #f8f9fa;

  letter-spacing: 2px;

  margin: 40px;

  text-align: center;

}

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  background: #f1f1f1;

  border-radius: 8px;

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```

```css
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  border-radius: 6px;

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button:hover {

  background: #0056b3;

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#progressText {

  font-size: 0.9em;

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#previewContainer img {

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```