```cshtml
@model BankLoanProject.Models.LoanApplicationViewModel
@{
    var role = Context.Session.GetString("Role");
}


<link rel="stylesheet" href="~/css/loan-application.css" />

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css" />

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>


<!-- Dashboard Header -->
<div class="dashboard-header">
    <h1>
        <i class="fas fa-file-invoice-dollar me-3"></i>
        Loan Application Portal
    </h1>
    <p>Apply for a new loan or manage your existing applications</p>
</div>


<!-- Apply Button - Centered -->
@if (role == "Customer")
{
    <div class="apply-button-container">
```

```html
        <button type="button" class="btn-apply" id="applyForLoanButton" data-bs-
toggle="modal" data-bs-target="#loanApplicationModal">

            <i class="fas fa-plus-circle me-2"></i>Apply for Loan

        </button>

    </div>
}




<!-- Table Controls -->
<div class="table-controls">

    <div class="rows-control">

        <label for="rowsPerPage">

            <i class="fas fa-list-ol"></i>

            Rows per page:

        </label>

        <select id="rowsPerPage" class="form-select" onchange="changeRowsPerPage()">

            <option value="5">5</option>

            <option value="10" selected>10</option>

            <option value="15">15</option>

            <option value="20">20</option>

            <option value="50">50</option>

        </select>

    </div>


    <div class="controls-right">

        <!-- Bootstrap Search -->

        <div class="input-group search-input-group">
```

```html
      <span class="input-group-text">

        <i class="fas fa-search"></i>

      </span>

      <input type="text" class="form-control" id="searchInput" placeholder="Search applications..." oninput="searchApplications()">

    </div>

  </div>

</div>


<!-- Table Container -->

<div class="table-container">

  <div class="table-wrapper">

    <table class="table table-bordered">

      <thead>

        <tr>

          <th scope="col" class="col-app-id"><i class="fas fa-hashtag"></i><br>App ID</th>

          @if (role == "Admin")

          {

            <th scope="col" class="col-customer-id"><i class="fas fa-user"></i><br>Cust ID</th>

            <th scope="col" class="col-name"><i class="fas fa-user-tag"></i><br>Name</th>

          }

          <th scope="col" class="col-product-type"><i class="fas fa-tag"></i><br>Product Type</th>

          <th scope="col" class="col-product-name"><i class="fas fa-box"></i><br>Product Name</th>

          <th scope="col" class="col-interest"><i class="fas fa-percentage"></i><br>Rate</th>
```

```html
        <th scope="col" class="col-tenure"><i class="fas fa-hourglass-half"></i><br>Tenure</th>

        <th scope="col" class="col-amount"><i class="fas fa-rupee-sign"></i><br>Amount</th>

        <th scope="col" class="col-date"><i class="fas fa-calendar-alt"></i><br>Date</th>

        <th scope="col" class="col-status"><i class="fas fa-info-circle"></i><br>Status</th>

        @if (role == "Admin")

        {

            <th scope="col" class="col-actions"><i class="fas fa-cogs"></i><br>Actions</th>

        }

      </tr>

    </thead>

    <tbody id="applicationTableBody">

      @if (ViewBag.ApplicationList != null)

      {

        @foreach (var app in ViewBag.ApplicationList)

        {

          <tr class="application-row" >

            <td class="text-center">

                @app.ApplicationId

            </td>

            @if (role == "Admin")

            {

                <td class="text-center">@app.CustomerId</td>

                <td><strong>@app.Name</strong></td>

            }
```

```html
<td>@app.ProductType</td>

<td>@app.ProductName</td>

<td class="text-center">@app.InterestRate?.ToString()%</td>

<td class="text-center">@app.LoanTenure months</td>

<td class="text-end">₹@app.LoanAmount?.ToString("N0")</td>

<td class="text-center">@app.ApplicationDate?.ToString("dd-MM-yyyy")</td>

<td class="text-center">

  @{

    string statusClass = "";

    string statusIcon = "";

    switch (app.ApprovalStatus?.ToLower())

    {

      case "approved":

        statusClass = "status-verified";

        statusIcon = "fas fa-check-circle";

        break;

      case "pending":

        statusClass = "status-pending";

        statusIcon = "fas fa-clock";

        break;

      case "rejected":

        statusClass = "status-rejected";

        statusIcon = "fas fa-times-circle";

        break;

      default:

        statusClass = "status-pending";

        statusIcon = "fas fa-clock";
```

```razor
                    break;
                }
            }
            <span class="status-badge @statusClass">
                <i class="@statusIcon"></i>@app.ApprovalStatus
            </span>
        </td>
        @if (role == "Admin")
        {
            <td class="text-center">
                <button type="button" class="btn-action btn-process" data-id="@app.ApplicationId" data-bs-toggle="modal" data-bs-target="#processApplicationModal" >

                    <span>Process</span>
                </button>
            </td>
        }
    </tr>
    }
}
else
{
    <tr>
        <td colspan="@(role == "Admin" ? "11" : "8")" class="text-center py-3">
            <i class="fas fa-inbox me-2"></i>No applications found.
        </td>
    </tr>
}
```

```html
          </tbody>

      </table>

    </div>


    <!-- Pagination Section - Reduced Gap -->

    <div class="pagination-section">

      <!-- Pagination Info -->

      <div class="pagination-info" id="paginationInfo">

        <!-- Pagination info will be generated by JavaScript -->

      </div>


      <!-- Bootstrap Pagination -->

      <nav aria-label="Application pagination">

        <ul class="pagination" id="paginationContainer">

          <!-- Pagination buttons will be generated by JavaScript -->

        </ul>

      </nav>

    </div>

</div>


<!-- Loan Application Modal - Extra Large -->

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

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

    <form id="loanApplicationForm" method="post" asp-action="ApplyForLoan" asp-
controller="LoanApplication">

      <div class="modal-content">

        <div class="modal-header">

          <h5 class="modal-title" id="loanModalLabel">
```

```html
            <i class="fas fa-file-signature me-2"></i>Loan Application Form
        </h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
    </div>
    <div class="modal-body">
      <div class="container-fluid">
        <div class="row g-4">
          <div class="col-md-6">
            <div class="form-group">
              <label class="form-label">
                <i class="fas fa-tag me-2"></i>Product Type
              </label>
              <select class="form-control form-select" id="productTypeDropdown" name="ProductType" required>
                <option value="">-- Select Product Type --</option>
                @foreach (var type in ViewBag.ProductTypes as List<string>)
                {
                  <option value="@type">@type</option>
                }
              </select>
            </div>
          </div>
          <div class="col-md-6">
            <div class="form-group">
              <label asp-for="LoanProductId" class="form-label">
                <i class="fas fa-box me-2"></i>Product Name
              </label>
```

```html
<select asp-for="LoanProductId" class="form-control form-select" id="productNameDropdown" required>

    <option value="">-- Select Product Name --</option>

</select>

<span asp-validation-for="LoanProductId" class="text-danger"></span>

        </div>

    </div>

</div>


<div class="row g-4">
    <div class="col-md-6">
        <div class="form-group">
            <label asp-for="LoanAmount" class="form-label">
                <i class="fas fa-rupee-sign me-2"></i>Loan Amount
            </label>
            <input asp-for="LoanAmount" type="number" class="form-control" placeholder="Enter loan amount" min="1" required />
            <span asp-validation-for="LoanAmount" class="text-danger"></span>
        </div>
    </div>
    <div class="col-md-6">
        <div class="form-group">
            <label asp-for="LoanTenure" class="form-label">
                <i class="fas fa-hourglass-half me-2"></i>Tenure (months)
            </label>
            <input asp-for="LoanTenure" type="number" class="form-control" placeholder="Enter loan tenure" min="1" required />
            <span asp-validation-for="LoanTenure" class="text-danger"></span>
```

```html
              </div>

            </div>

          </div>


        <div class="row g-4 mt-3">

          <div class="col-12">

            <div class="alert alert-info">

              <i class="fas fa-info-circle me-2"></i>

              <strong>Note:</strong> Please ensure all information is accurate
before submitting your application.

                You will receive a confirmation email once your application is
processed.

            </div>

          </div>

        </div>

      </div>

      <div class="modal-footer">

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

          <i class="fas fa-times me-2"></i>Cancel

        </button>

        <button type="submit" class="btn-primary" name="submitType"
value="Submit">

          <i class="fas fa-check-circle me-2"></i>Submit Application

        </button>

      </div>

    </div>

  </form>

</div>
```

```
</div>


<!-- Process Application Modal - Extra Large -->

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

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

    <div class="modal-content">

      <div class="modal-header">

        <h5 class="modal-title" id="processApplicationModalLabel">

          <i class="fas fa-file-signature me-2"></i>Loan Application Details

        </h5>

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

      </div>

      <div class="modal-body">

        <div class="container-fluid">

          <div class="row g-4">

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

              <div class="form-group">

                <label class="form-label"><i class="fas fa-user me-2"></i>Application
ID</label>

                <p id="processAppId" class="form-control-static"></p>

              </div>

            </div>

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

            <div class="form-group">

              <label class="form-label"><i class="fas fa-user me-2"></i>Customer
ID</label>

              <p id="processCustId" class="form-control-static"></p>
```

```html
        </div>

      </div>

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

        <div class="form-group">

          <label class="form-label"><i class="fas fa-user-tag me-
2"></i>Customer Name</label>

            <p id="processName" class="form-control-static"></p>

          </div>

        </div>

      </div>

      <div class="row g-4">

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

          <div class="form-group">

            <label class="form-label"><i class="fas fa-percentage me-
2"></i>Interest Rate</label>

              <p id="processIR" class="form-control-static"></p>

            </div>

          </div>

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

            <div class="form-group">

              <label class="form-label"><i class="fas fa-hourglass-half me-
2"></i>Loan Tenure</label>

                <p id="processTenure" class="form-control-static"></p>

              </div>

            </div>

          </div>

          <div class="row g-4">

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

              <div class="form-group">
```

```html
            <label class="form-label"><i class="fas fa-tag me-2"></i>Product
Type</label>

            <p id="processProduct" class="form-control-static"></p>

          </div>

        </div>

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

          <div class="form-group">

            <label class="form-label"><i class="fas fa-box me-2"></i>Product
Name</label>

            <p id="processProductName" class="form-control-static"></p>

          </div>

        </div>

      </div>

      <div class="row g-4">

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

          <div class="form-group">

            <label class="form-label"><i class="fas fa-rupee-sign me-2"></i>Loan
Amount</label>

            <p id="processLoanAmount" class="form-control-static"></p>

          </div>

        </div>

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

          <div class="form-group">

            <label class="form-label"><i class="fas fa-calendar-alt me-
2"></i>Application Date</label>

            <p id="processApplicationDate" class="form-control-static"></p>

          </div>

        </div>

      </div>
```

```html
<div class="row g-4">

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

    <div class="form-group">

      <label class="form-label"><i class="fas fa-info-circle me-2"></i>Current Status</label>

      <p id="processStatusText" class="form-control-static"></p>

    </div>

  </div>

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

    <div class="form-group">

      <label for="processStatus" class="form-label"><i class="fas fa-edit me-2"></i>Update Status</label>

      <select id="processStatus" class="form-control form-select">

        <option value="Approved">Approve</option>

        <option value="Pending">Pending</option>

        <option value="Rejected">Reject</option>

      </select>

    </div>

  </div>

</div>

</div>

<div class="modal-footer">

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

    <i class="fas fa-times me-2"></i>Close

  </button>

  <button type="button" class="btn-primary" id="saveProcessStatusBtn" data-bs-dismiss="modal">

    <i class="fas fa-save me-2"></i>Save Changes
```

```
            </button>

        </div>

      </div>

    </div>

</div>


@section Scripts {

  <script>

    // Global variables for pagination and search

    let currentPage = 1;

    let rowsPerPage = 10; // Default

    let allRows = [];

    let filteredRows = [];


    // Initialize on page load

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

      initializeTable();


      // Product type dropdown change handler

      $('#productTypeDropdown').change(function () {

        var selectedType = $(this).val();

        var productNameDropdown = $('#productNameDropdown');


        productNameDropdown.empty().append('<option value="">-- Loading... --
</option>');


        if (selectedType) {

          $.getJSON('/LoanApplication/GetProductNamesByType', { productType:
selectedType }, function (data) {
```

```javascript
                productNameDropdown.empty().append('<option value="">-- Select
Product Name --</option>');

            $.each(data, function (i, item) {

                productNameDropdown.append($('<option>', {

                    value: item.value,

                    text: item.text

                }));

            });

        });

    } else {

        productNameDropdown.empty().append('<option value="">-- Select Product
Name --</option>');

    }

});


$(document).on('click', '.btn-process', function () {

        const applicationId = $(this).data('id');

        $.ajax({

            url: '/LoanApplication/GetApplicationDetailsById',

            type: 'GET',

            data: { applicationId: applicationId },

            success: function (data) {

                if (data) {

                    $('#processCustId').text(data.customerId);

                    $('#processName').text(data.name);

                    $('#processIR').text(data.interestRate);

                    $('#processTenure').text(data.loanTenure + ' years');

                    $('#processProduct').text(data.productType);

                    $('#processProductName').text(data.productName);
```

```javascript
                $('#processLoanAmount').text('₹' + data.loanAmount);

                $('#processApplicationDate').text(data.applicationDate);

                $('#processStatusText').text(data.approvalStatus);

                $('#processStatus').val(data.approvalStatus);

                $('#saveProcessStatusBtn').data('application-id', data.applicationId);

            }

        },

        error: function (xhr, status, error) {

            console.error("Error fetching application details:", error);

            alert("Failed to load application details.");

        }

    });

});


            $('#saveProcessStatusBtn').on('click', function () {

        const applicationId = $(this).data('application-id');

        const newStatus = $('#processStatus').val();


        $.ajax({

            url: '/LoanApplication/UpdateStatus',

            type: 'POST',

            contentType: 'application/json',

            data: JSON.stringify({ applicationId: applicationId, status:
newStatus }),

            success: function (response) {

                alert(response.message);

                location.reload(); // Refresh to reflect changes

            }
```

```javascript
        });

      });



  function initializeTable() {

    allRows = Array.from(document.querySelectorAll('.application-row'));

    applyFilters();

    updateTable();

  }



  function applyFilters() {

    let rows = [...allRows];


    // Apply search filter

    const searchTerm =
document.getElementById('searchInput').value.toLowerCase();

    if (searchTerm !== '') {

      rows = rows.filter(row => {

        const text = row.textContent.toLowerCase();

        return text.includes(searchTerm);

      });

    }


    filteredRows = rows;

  }


  function updateTable() {
```

```javascript
    // Hide all rows first

    allRows.forEach(row => row.style.display = 'none');


    // Calculate pagination

    const totalRows = filteredRows.length;

    const totalPages = Math.ceil(totalRows / rowsPerPage) ;

    const startIndex = (currentPage - 1) * rowsPerPage;

    const endIndex = Math.min(startIndex + rowsPerPage, totalRows);


    // Show current page rows

    for (let i = startIndex; i < endIndex; i++) {

        if (filteredRows[i]) {

            filteredRows[i].style.display = '';

        }

    }


    // Update pagination controls

    updatePagination(totalPages, totalRows, startIndex, endIndex);

}


function updatePagination(totalPages, totalRows, startIndex, endIndex) {

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

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


    // Clear existing pagination

    paginationContainer.innerHTML = '';


    if (totalPages <= 1) {
```

```javascript
            // Show single page button when only one page

            const singleBtn = createBootstrapPaginationButton('1', 1, false, true);

            paginationContainer.appendChild(singleBtn);

        } else {

            // First page button

            const firstBtn = createBootstrapPaginationButton('«', 1, currentPage === 1);

            paginationContainer.appendChild(firstBtn);


            // Previous page button

            const prevBtn = createBootstrapPaginationButton('‹', currentPage - 1,
currentPage === 1);

            paginationContainer.appendChild(prevBtn);


            // Page number buttons

            const maxVisiblePages = 5;

            let startPage = Math.max(1, currentPage - Math.floor(maxVisiblePages / 2));

            let endPage = Math.min(totalPages, startPage + maxVisiblePages - 1);


            if (endPage - startPage + 1 < maxVisiblePages) {

                startPage = Math.max(1, endPage - maxVisiblePages + 1);

            }


            for (let i = startPage; i <= endPage; i++) {

                const pageBtn = createBootstrapPaginationButton(i, i, false, i ===
currentPage);

                paginationContainer.appendChild(pageBtn);

            }


            // Next page button
```

```javascript
        const nextBtn = createBootstrapPaginationButton('›', currentPage + 1,
currentPage === totalPages);

        paginationContainer.appendChild(nextBtn);


        // Last page button

        const lastBtn = createBootstrapPaginationButton('»', totalPages, currentPage
=== totalPages);

        paginationContainer.appendChild(lastBtn);

    }


    // Update pagination info
    if (totalRows > 0) {

      paginationInfo.innerHTML = `

        <i class="fas fa-info-circle"></i>

        Showing ${startIndex + 1} to ${endIndex} of ${totalRows} entries

      `;

    } else {

      paginationInfo.innerHTML = `

        <i class="fas fa-info-circle"></i>

        No matching records found

      `;

    }

  }


  function createBootstrapPaginationButton(text, page, disabled, active = false) {

    const li = document.createElement('li');

    li.className = `page-item ${active ? 'active' : ''} ${disabled ? 'disabled' : ''}`;


    const button = document.createElement('a');
```

```javascript
    button.className = 'page-link';

    button.innerHTML = text;

    button.href = '#';


    if (!disabled) {

      button.onclick = (e) => {

        e.preventDefault();

        goToPage(page);

      };

    }


    li.appendChild(button);

    return li;

}


function goToPage(page) {

    currentPage = page;

    updateTable();

}


function changeRowsPerPage() {

    rowsPerPage = parseInt(document.getElementById('rowsPerPage').value);

    currentPage = 1;

    updateTable();

}


function searchApplications() {

    currentPage = 1;
```

```
        applyFilters();

        updateTable();

    }

  </script>

}
```