public async Task<IActionResult> Create()

{

// Fetch data from the service layer

var facilities = await \_assetService.GetAllFacilitiesAsync();

var departments = await \_assetService.GetAllDepartmentsAsync();

var users = await \_assetService.GetAllUsersAsync(); // Fetch users

// Create the view model

var viewModel = new AssetViewModel

{

// Populate dropdown lists

Facilities = facilities.Select(f => new SelectListItem

{

Value = f.Id.ToString(),

Text = f.Name

}).ToList(),

Departments = departments.Select(d => new SelectListItem

{

Value = d.Id.ToString(),

Text = d.Name

}).ToList(),

Users = users.Select(u => new SelectListItem

{

Value = u.Id.ToString(),

Text = u.FullName

}).ToList()

};

return View(viewModel);

}

[HttpPost]

public async Task<IActionResult> Create(AssetViewModel viewModel)

{

if (!ModelState.IsValid)

{

// Log model state errors

foreach (var error in ModelState.Values.SelectMany(v => v.Errors))

{

// Log the error (e.g., using a logging framework)

Console.WriteLine(error.ErrorMessage);

}

// Repopulate dropdown lists if the model state is invalid

var facilities = await \_assetService.GetAllFacilitiesAsync();

var departments = await \_assetService.GetAllDepartmentsAsync();

viewModel.Facilities = facilities.Select(f => new SelectListItem

{

Value = f.Id.ToString(),

Text = f.Name

}).ToList();

viewModel.Departments = departments.Select(d => new SelectListItem

{

Value = d.Id.ToString(),

Text = d.Name

}).ToList();

return View(viewModel);

}

try

{

// Map the view model to the entity using AutoMapper

var asset = \_mapper.Map<Asset>(viewModel);

// Save the asset

await \_assetService.AddAssetAsync(asset);

return RedirectToAction(nameof(Index));

}

catch (Exception ex)

{

// Log the exception

Console.WriteLine(ex.Message);

// Optionally, add a model error to display the error message in the view

ModelState.AddModelError(string.Empty, "An error occurred while creating the asset.");

// Repopulate dropdown lists

var facilities = await \_assetService.GetAllFacilitiesAsync();

var departments = await \_assetService.GetAllDepartmentsAsync();

viewModel.Facilities = facilities.Select(f => new SelectListItem

{

Value = f.Id.ToString(),

Text = f.Name

}).ToList();

viewModel.Departments = departments.Select(d => new SelectListItem

{

Value = d.Id.ToString(),

Text = d.Name

}).ToList();

return View(viewModel);

}

}