**Lab 6: Updating and Deleting Records**

Scenario:

The store updates product prices and removes discontinued items.

Objective:

Update and delete records using EF Core.

Code:

Program.cs

using Microsoft.EntityFrameworkCore;

using RetailInventory;

class Program

{

static async Task Main(string[] args)

{

using var context = new AppDbContext();

// Add categories

var electronics = new Category { Name = "Electronics" };

var groceries = new Category { Name = "Groceries" };

await context.Categories.AddRangeAsync(electronics, groceries);

await context.SaveChangesAsync();

// Add products

var product1 = new Product { Name = "Smartphone", Price = 25000, CategoryId = electronics.Id };

var product2 = new Product { Name = "Milk", Price = 50, CategoryId = groceries.Id };

var product3 = new Product { Name = "Laptop", Price = 20000, CategoryId = electronics.Id };

await context.Products.AddRangeAsync(product1, product2, product3);

await context.SaveChangesAsync();

//Update a Product:

var productToUpdate = await context.Products.FirstOrDefaultAsync(p => p.Name == "Laptop");

if (productToUpdate != null)

{

productToUpdate.Price = 30000;

await context.SaveChangesAsync();

Console.WriteLine($"Updated price of {productToUpdate.Name} to {productToUpdate.Price}");

}

// Delete product

var productToDelete = await context.Products.FirstOrDefaultAsync(p => p.Name == "Milk");

if (productToDelete != null)

{

context.Products.Remove(productToDelete);

await context.SaveChangesAsync();

Console.WriteLine($"Deleted {productToDelete.Name}");

}

}

}

