

```

using System;
using System.Collections.Generic;
using System.ComponentModel.DataAnnotations;
using System.ComponentModel.DataAnnotations.Schema;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using Microsoft.EntityFrameworkCore;

namespace Medical.Model
{
    public class MedicalContext : DbContext
    {
        public DbSet<CMS1500Form> CMS1500Forms { get; set; }
        public DbSet<DiagnosisCode> DiagnosisCodes { get; set; }
        public DbSet<ServiceLine> ServiceLines { get; set; }
        public DbSet<Address> Addresses { get; set; }

        public MedicalContext() { }

        public MedicalContext(DbContextOptions<MedicalContext> options) : base(options) { }

        protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)
        {
            if (!optionsBuilder.IsConfigured)
            {
                optionsBuilder.UseSqlServer("DefaultConnection", options =>
                    options.EnableRetryOnFailure(
                        maxRetryCount: 5,
                        maxRetryDelay: TimeSpan.FromSeconds(30),
                        errorNumbersToAdd: null));
            }
        }

        protected override void OnModelCreating(ModelBuilder modelBuilder)
        {
            base.OnModelCreating(modelBuilder);

            // Configure CMS1500Form relationships
            modelBuilder.Entity<CMS1500Form>()
                .HasMany(f => f.DiagnosisCodes)
                .WithOne()
                .HasForeignKey(d => d.FormId);
        }
    }
}

```

```
modelBuilder.Entity<CMS1500Form>()  
    .HasMany(f => f.ServiceLines)  
    .WithOne()  
    .HasForeignKey(s => s.FormId);  
}  
}
```