

```

// <auto-generated />

using System;

using BankLoanProject.Data;

using Microsoft.EntityFrameworkCore;

using Microsoft.EntityFrameworkCore.Infrastructure;

using Microsoft.EntityFrameworkCore.Metadata;

using Microsoft.EntityFrameworkCore.Storage.ValueConversion;


#nullable disable


namespace BankLoanProject.Migrations
{
    [DbContext(typeof(BankLoanDbContext))]
    partial class BankLoanDbContextModelSnapshot : ModelSnapshot
    {
        protected override void BuildModel(ModelBuilder modelBuilder)
        {
#pragma warning disable 612, 618
            modelBuilder

                .HasAnnotation("ProductVersion", "9.0.5")

                .HasAnnotation("Relational:MaxIdentifierLength", 128);

            SqlServerModelBuilderExtensions.UseIdentityColumns(modelBuilder);

            modelBuilder.Entity("BankLoanProject.Models.Entities.Admin", b =>
            {

```

```
b.Property<int>("AdminId")
    .ValueGeneratedOnAdd()
    .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("AdminId"));
```

```
b.Property<string>("Password")
    .IsRequired()
    .HasMaxLength(15)
    .HasColumnType("nvarchar(15)");
```

```
b.Property<string>("Role")
    .IsRequired()
    .HasColumnType("nvarchar(max)");
```

```
b.HasKey("AdminId");
```

```
b.ToTable("Admins", (string)null);
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.Customer", b =>
{
    b.Property<int>("CustomerId")
        .ValueGeneratedOnAdd()
        .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("CustomerId"));
```

```
    b.Property<string>("Address")
```

```
        .IsRequired()
```

```
        .HasColumnType("nvarchar(max)");
```

```
    b.Property<DateTime>("DateOfBirth")
```

```
        .HasColumnType("datetime2");
```

```
    b.Property<string>("DocumentPath")
```

```
        .IsRequired()
```

```
        .HasColumnType("nvarchar(max)");
```

```
    b.Property<string>("Email")
```

```
        .IsRequired()
```

```
        .HasMaxLength(100)
```

```
        .HasColumnType("nvarchar(100)");
```

```
    b.Property<string>("IdentityType")
```

```
        .IsRequired()
```

```
        .HasColumnType("nvarchar(max)");
```

```
    b.Property<string>("KycStatus")
```

```
        .IsRequired()
```

```
.HasMaxLength(10)
.HasColumnType("nvarchar(10)");

b.Property<string>("Name")
    .IsRequired()
    .HasMaxLength(100)
    .HasColumnType("nvarchar(100)");

b.Property<string>("Password")
    .IsRequired()
    .HasMaxLength(15)
    .HasColumnType("nvarchar(15)");

b.Property<string>("Phone")
    .IsRequired()
    .HasMaxLength(15)
    .HasColumnType("nvarchar(15)");

b.Property<string>("Role")
    .IsRequired()
    .HasColumnType("nvarchar(max)");

b.HasKey("CustomerId");

b.ToTable("Customers", (string)null);
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.Loan", b =>
```

```
{
```

```
    b.Property<int>("LoanId")
```

```
        .ValueGeneratedOnAdd()
```

```
        .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("LoanId"));
```

```
    b.Property<int>("ApplicationId")
```

```
        .HasColumnType("int");
```

```
    b.Property<string>("DisburseStatus")
```

```
        .IsRequired()
```

```
        .HasMaxLength(20)
```

```
        .HasColumnType("nvarchar(20)");
```

```
    b.Property<DateTime?>("DisbursementDate")
```

```
        .HasColumnType("datetime2");
```

```
    b.Property<decimal>("OutstandingBalance")
```

```
        .HasColumnType("decimal(10, 2)");
```

```
    b.HasKey("LoanId");
```

```
b.HasIndex("ApplicationId")  
    .IsUnique();
```

```
b.ToTable("Loans", (string)null);  
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.LoanApplication", b =>  
{
```

```
    b.Property<int>("ApplicationId")  
        .ValueGeneratedOnAdd()  
        .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("ApplicationId"));
```

```
b.Property<DateTime>("ApplicationDate")  
    .HasColumnType("datetime2");
```

```
b.Property<string>("ApprovalStatus")  
    .IsRequired()  
    .HasMaxLength(20)  
    .HasColumnType("nvarchar(20)");
```

```
b.Property<int>("CustomerId")  
    .HasColumnType("int");
```

```
b.Property<decimal>("LoanAmount")  
    .HasColumnType("decimal(10, 2)");
```

```
b.Property<int>("LoanProductId")  
    .HasColumnType("int");
```

```
b.Property<int>("LoanTenure")  
    .HasColumnType("int");
```

```
b.HasKey("ApplicationId");
```

```
b.HasIndex("CustomerId");
```

```
b.HasIndex("LoanProductId");
```

```
b.ToTable("LoanApplications", (string)null);  
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.LoanProduct", b =>
```

```
{  
    b.Property<int>("LoanProductId")  
        .ValueGeneratedOnAdd()  
        .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("LoanProductId")  
);
```

```
b.Property<decimal>("InterestRate")  
    .HasColumnType("decimal(5, 2)");
```

```
b.Property<decimal>("MaxAmount")  
    .HasColumnType("decimal(10, 2)");
```

```
b.Property<decimal>("MinAmount")  
    .HasColumnType("decimal(10, 2)");
```

```
b.Property<string>("ProductName")  
    .IsRequired()  
    .HasMaxLength(50)  
    .HasColumnType("nvarchar(50)");
```

```
b.Property<string>("ProductType")  
    .IsRequired()  
    .HasMaxLength(50)  
    .HasColumnType("nvarchar(50)");
```

```
b.Property<int>("Tenure")  
    .HasColumnType("int");
```

```
b.HasKey("LoanProductId");
```

```
b.ToTable("LoanProducts", (string)null);
```



```
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.Repayment", b =>
```

```
{
```

```
    b.Property<int>("RepaymentId")
```

```
        .ValueGeneratedOnAdd()
```

```
        .HasColumnType("int");
```

```
SqlServerPropertyBuilderExtensions.UseIdentityColumn(b.Property<int>("RepaymentId"));
```

```
    b.Property<decimal>("AmountDue")
```

```
        .HasColumnType("decimal(10, 2)");
```

```
    b.Property<int>("ApplicationId")
```

```
        .HasColumnType("int");
```

```
    b.Property<DateTime>("DueDate")
```

```
        .HasColumnType("datetime2");
```

```
    b.Property<int?>("LoanApplicationApplicationId")
```

```
        .HasColumnType("int");
```

```
    b.Property<int>("LoanId")
```

```
        .HasColumnType("int");
```

```
b.Property<decimal?>("PaidAmount")  
    .HasColumnType("decimal(10, 2)");
```

```
b.Property<DateTime?>("PaymentDate")  
    .HasColumnType("datetime2");
```

```
b.Property<string>("PaymentStatus")  
    .IsRequired()  
    .HasMaxLength(20)  
    .HasColumnType("nvarchar(20)");
```

```
b.HasKey("RepaymentId");
```

```
b.HasIndex("ApplicationId");
```

```
b.HasIndex("LoanApplicationApplicationId");
```

```
b.HasIndex("LoanId");
```

```
b.ToTable("Repayments", (string)null);  
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.Loan", b =>  
{  
    b.HasOne("BankLoanProject.Models.Entities.LoanApplication",  
        "LoanApplication")
```

```

        .WithOne("Loan")
        .HasForeignKey("BankLoanProject.Models.Entities.Loan", "ApplicationId")
        .OnDelete(DeleteBehavior.Cascade)
        .IsRequired();

    b.Navigation("LoanApplication");
});

```

```

modelBuilder.Entity("BankLoanProject.Models.Entities.LoanApplication", b =>
{
    b.HasOne("BankLoanProject.Models.Entities.Customer", "Customer")
        .WithMany("LoanApplications")
        .HasForeignKey("CustomerId")
        .OnDelete(DeleteBehavior.Cascade)
        .IsRequired();

    b.HasOne("BankLoanProject.Models.Entities.LoanProduct", "LoanProduct")
        .WithMany()
        .HasForeignKey("LoanProductId")
        .OnDelete(DeleteBehavior.Cascade)
        .IsRequired();

    b.Navigation("Customer");

    b.Navigation("LoanProduct");
});

```

```

modelBuilder.Entity("BankLoanProject.Models.Entities.Repayment", b =>
{
    b.HasOne("BankLoanProject.Models.Entities.LoanApplication",
"LoanApplication")

        .WithMany()

        .HasForeignKey("ApplicationId")

        .OnDelete(DeleteBehavior.Restrict)

        .IsRequired();

    b.HasOne("BankLoanProject.Models.Entities.LoanApplication", null)

        .WithMany("Repayments")

        .HasForeignKey("LoanApplicationApplicationId");

    b.HasOne("BankLoanProject.Models.Entities.Loan", "Loan")

        .WithMany("Repayments")

        .HasForeignKey("LoanId")

        .OnDelete(DeleteBehavior.Cascade)

        .IsRequired();

    b.Navigation("Loan");

    b.Navigation("LoanApplication");
});

modelBuilder.Entity("BankLoanProject.Models.Entities.Customer", b =>

```

```
{  
    b.Navigation("LoanApplications");  
});
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.Loan", b =>  
    {  
        b.Navigation("Repayments");  
    });
```

```
modelBuilder.Entity("BankLoanProject.Models.Entities.LoanApplication", b =>  
    {  
        b.Navigation("Loan")  
            .IsRequired();  
  
        b.Navigation("Repayments");  
    });
```

```
#pragma warning restore 612, 618
```

```
    }  
}  
}
```