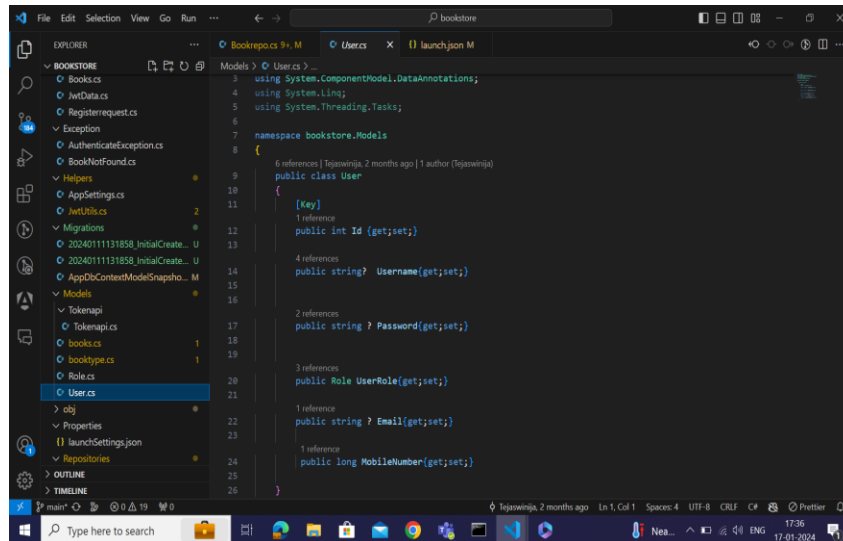


INHERITANCE IN EF CORE

TABLE PER CONCRETE TYPE



The screenshot shows the Visual Studio IDE with the Explorer pane on the left displaying the project structure. The 'Models' folder is expanded, and the 'User.cs' file is selected. The main editor displays the code for the 'User' class, which is part of the 'bookstore.Models' namespace. The class is annotated with '[Key]' and has several properties: 'Id' (int, key), 'Username' (string), 'Password' (string), 'Role' (Role), 'Email' (string), and 'MobileNumber' (long). The code is as follows:

```
using System.ComponentModel.DataAnnotations;
using System.Linq;
using System.Threading.Tasks;

namespace bookstore.Models
{
    public class User
    {
        [Key]
        public int Id { get; set; }

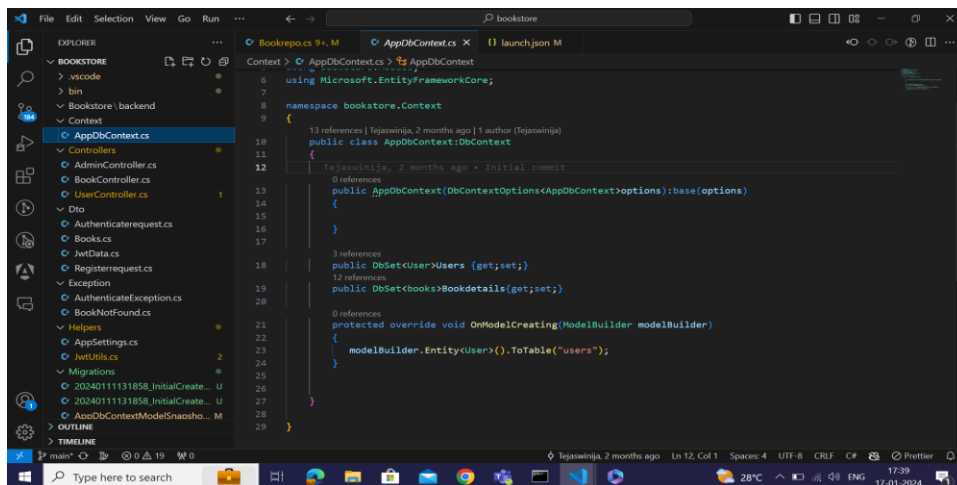
        public string? Username { get; set; }

        public string? Password { get; set; }

        public Role? Role { get; set; }

        public string? Email { get; set; }

        public long MobileNumber { get; set; }
    }
}
```



The screenshot shows the Visual Studio IDE with the Explorer pane on the left displaying the project structure. The 'Context' folder is expanded, and the 'AppDbContext.cs' file is selected. The main editor displays the code for the 'AppDbContext' class, which is part of the 'bookstore.Context' namespace. The class is annotated with 'DbContext' and has several properties: 'Users' (DbSet<User>), 'Books' (DbSet<Book>), and 'BookDetails' (DbSet<BookDetails>). The code is as follows:

```
using Microsoft.EntityFrameworkCore;

namespace bookstore.Context
{
    public class ApplicationDbContext : DbContext
    {
        public ApplicationDbContext(DbContextOptions<ApplicationDbContext> options) : base(options)
        {
        }

        public DbSet<User> Users { get; set; }

        public DbSet<Book> Books { get; set; }

        public DbSet<BookDetails> BookDetails { get; set; }

        protected override void OnModelCreating(ModelBuilder modelBuilder)
        {
            modelBuilder.Entity<User>().ToTable("users");
        }
    }
}
```