**Case Study: Implementing Entity Framework Core in an ASP.NET Core Web Application**

Scenario: **TechCo** is an online technology store that sells various electronic products. They have decided to revamp their existing web application to improve performance, scalability, and maintainability. They are currently using ADO.NET to interact with the database, but they want to migrate to Entity Framework Core due to its many advantages.

**Requirements:**

1. Use Entity Framework Core to manage product and order data.
2. Implement a code-first approach to define the database schema using C# classes.
3. Enable database migrations to easily apply and update the database schema.
4. Implement CRUD (Create, Read, Update, Delete) operations for products and orders.
5. Utilize dependency injection to inject the Entity Framework DbContext into controllers.