Use of NuGet Packages in ShoppingCartRestAPI:

1. **AspNetCoreRateLimit**: Used for rate limiting to protect the API against abuse.
2. **Microsoft.AspNetCore.Authentication.Google**: Provides authentication services for Google accounts.
3. **Microsoft.EntityFrameworkCore**: Entity Framework Core, used for database operations.
4. **Microsoft.EntityFrameworkCore.Design**: Provides design-time tools for Entity Framework Core.
5. **Microsoft.AspNetCore.Identity.EntityFrameworkCore**: Provides ASP.NET Core Identity services for Entity Framework Core.
6. **Microsoft.EntityFrameworkCore.InMemory**: An in-memory database provider for Entity Framework Core, useful for testing.
7. **Microsoft.EntityFrameworkCore.SqlServer**: Entity Framework Core SQL Server database provider.
8. **Microsoft.Exchange.WebServices**: Provides access to Microsoft Exchange Web Services for communication with Exchange servers.
9. **Microsoft.Extensions.Caching.Memory**: Provides an in-memory caching implementation for ASP.NET Core.
10. **Microsoft.VisualStudio.Azure.Containers.Tools.Targets**: Targets and tools for Azure Container Service.
11. **Moq**: A mocking framework for creating mock objects for unit testing.
12. **Serilog**: A logging library for structured logging.
13. **Serilog.Extensions.Logging**: Integration between Serilog and Microsoft.Extensions.Logging.
14. **Serilog.Sinks.Console**: A Serilog sink for logging to the console.
15. **Serilog.Sinks.File**: A Serilog sink for logging to files.
16. **Swashbuckle.AspNetCore**: Used for adding Swagger/OpenAPI documentation to your ASP.NET Core API.
17. **System.Threading.RateLimiting**: Provides rate limiting functionalities.
18. **xunit**: A unit testing framework for .NET.
19. **xunit.runner.visualstudio**: An xUnit test runner for Visual Studio.