This cheat sheet is for the course [Learn C# Full Stack Development with Angular and ASP.NET](#) by Jannick Leismann.

ASP.NET

Is a powerful framework created by Microsoft for creating online services and applications. It offers a complete framework for developing dynamic, scalable, and high-performance online applications and is a component of the.NET ecosystem.

ASP.NET Core

Cross-Platform: Because ASP.NET Core is cross-platform, developers may create and run apps on Windows, macOS, and Linux, in contrast to the original ASP.NET.

High Performance: Engineered for increased scalability and performance.

Modular: It is lightweight and modular, allowing developers to add only the parts that are required.

ASP.NET Web API

RESTful Services: Makes it easier to create HTTP services that work with a variety of clients, such as mobile devices and browsers.

Content Negotiation: Provides support for content negotiation, enabling users to ask for data in various formats (such as XML and JSON).

Features of ASP.NET

Security: Support for OAuth, OpenID Connect, and JWT (JSON Web Tokens) is one of the built-in login and authorization capabilities.

Dependency Injection: An integrated approach to dependency injection that enhances testability and loose coupling.

Middleware: Adds custom processing logic with ease by handling requests and responses through a middleware pipeline.

Configuration: Multipurpose configuration system with the ability to read parameters from several sources (such as environment variables and JSON files).

Logging: Comprehensive logging framework that can be integrated with different suppliers of logging information.