Since the beginning of developing the web enterprise product, there has been various choices been made regarding the development of the backend API. Two platform .NET 5 vs. Node.js are two modern platforms for server-side developing. Following an instructive discussion, we have decided to use the .NET 5 platform for our server-side development. Following the implementation of the ASP.NET framework for Web development

**Why use ASP.NET Core and its benefits?**

ASP.NET (sometimes known as.NET) is a framework created by Microsoft that enables application development easier for developers. Modern-day apps and XML web services may be developed and maintained with the framework. ASP.NET provides devoted developers with a highly consistent object-oriented programming environment that can be used to create cross-platform applications. ASP.NET core also allows cloud-based development, online application development, and IoT development, in addition to the mobile backend. ASP.NET Core has excellent data storage and recovery capabilities, making it suitable for cloud-based applications.

The actual benefits:

* With ASP.NET Core, you can create hybrid, native, and interactive apps that run on any platform.
* Your application will have a faster reaction time and higher performance.
* Take use of framework-agnostic and self-contained deployment options.
* Model Binding allows you to easily extract data without code.
* You'll be able to use Docker, Apache, IIS, and self-hosting to host your website.
* If you use asynchronous programming techniques, you will receive excellent assistance.
* With Middleware, you will be able to control your apps.