

1. Download and install .NET core 2.2 its stable atm

- a. Link : <https://dotnet.microsoft.com/download/dotnet-core>

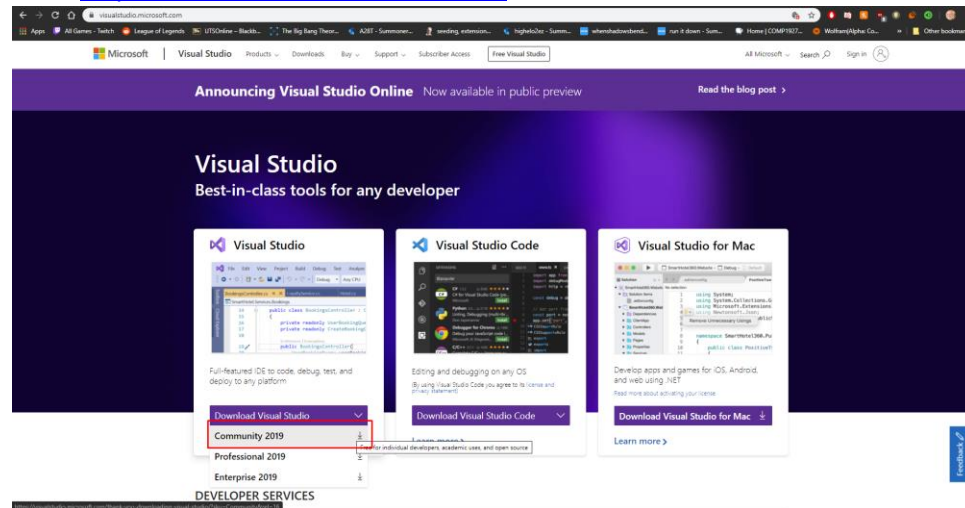
Not sure what to download? See [recommended downloads for the latest version of .NET](#).

Version	Status	Latest release	Latest release date	End of support
<a href="#">.NET Core 3.1</a>	Preview	3.1.0-preview2	2019-11-04	
<a href="#">.NET Core 3.0 (recommended)</a>	Current	3.0.0	2019-09-23	
<a href="#">.NET Core 2.2</a>	Maintenance	2.2.7	2019-09-10	2019-12-23
<a href="#">.NET Core 2.1</a>	LTS	2.1.13	2019-09-10	
<a href="#">.NET Core 2.0</a>	End of life	2.0.9	2018-07-10	2018-10-01
<a href="#">.NET Core 1.1</a>	End of life	1.1.13	2018-05-14	2019-06-27
<a href="#">.NET Core 1.0</a>	End of life	1.0.16	2018-05-14	2018-06-27

b.

2. Download Visual studio

- a. Link : <https://visualstudio.microsoft.com/>

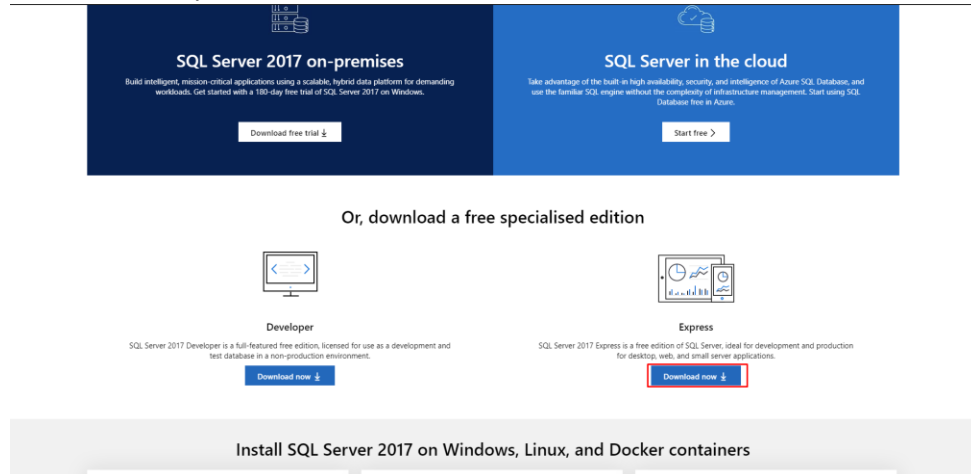


3. Install Visual studio

- a. Follow launcher
- b. Make sure to download
- i. ASP.NET core
  - ii. .NET core
  - iii. Anything with .NET in it
  - iv. Ignore all the mobile/Xamarin/mono stuffs

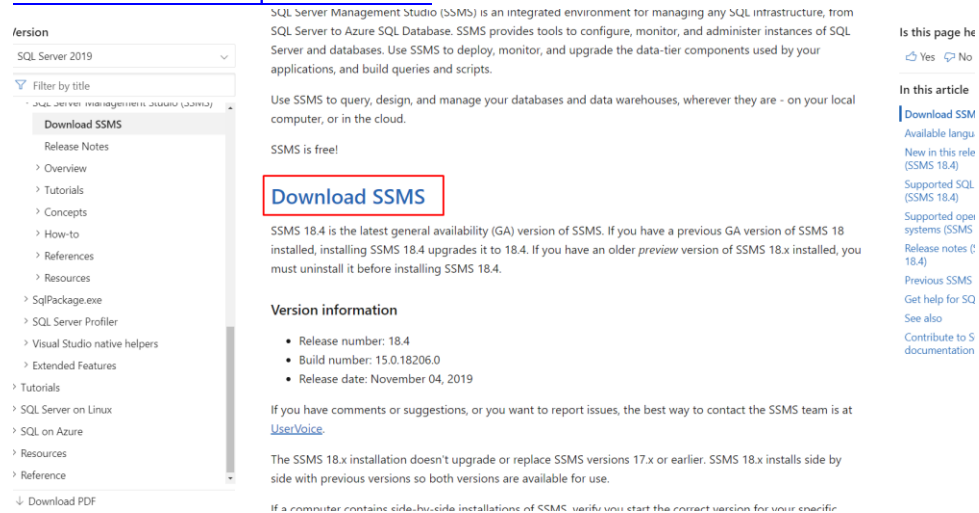
4. Download and install SQL express

- Link: <https://www.microsoft.com/en-au/sql-server/sql-server-downloads>
- Scroll down till you see this

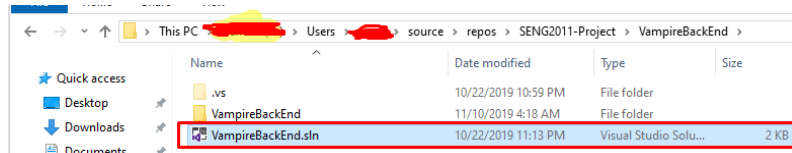


5. Download SSMS (Optional but recommended to keep track of database)

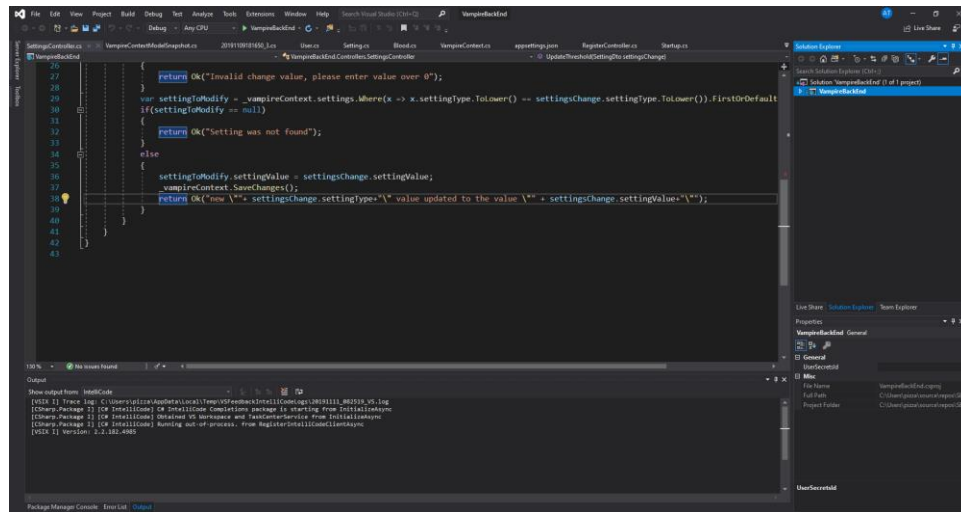
- Link: <https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15>



6. You have downloaded everything you need to get it all up and running my friends a few short and easy steps
7. Open the VampireBackEnd folder found in the root of the repository and double click the .sln file

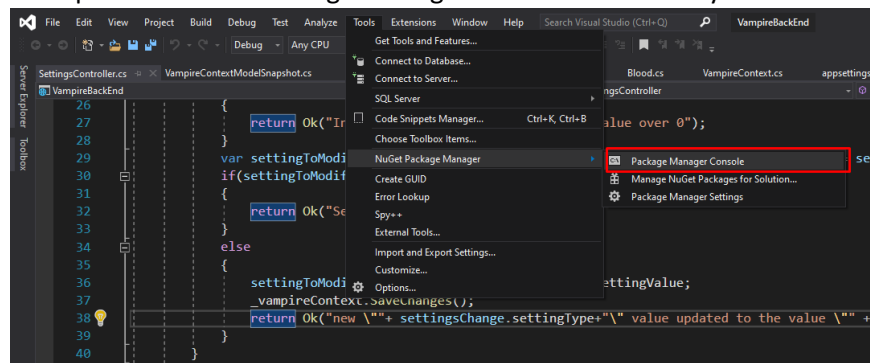


8. This will open up the whole backend for you easy to run from here

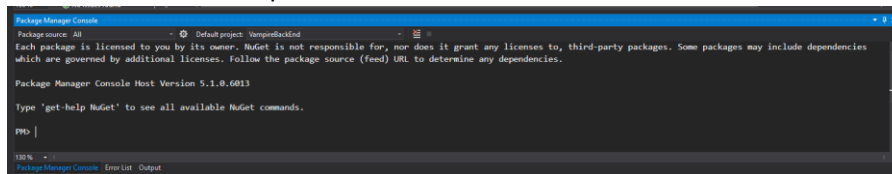


You can navigate from here easily if you want to explore the file structure :P

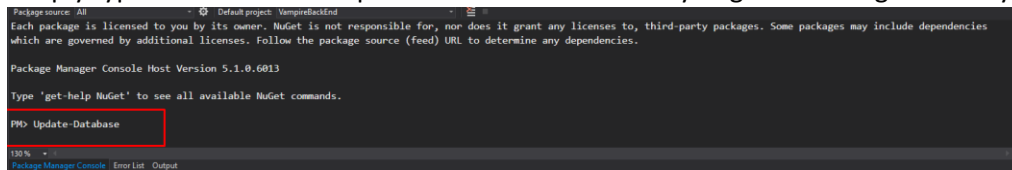
9. We want to open the NuGet Package Manager Console to initialise your database locally



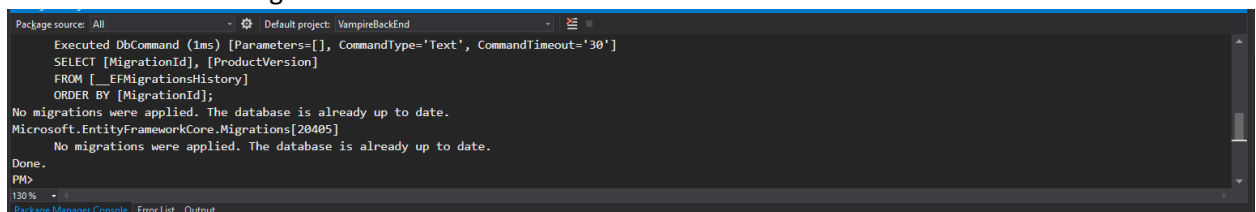
10. When the console is open it should look like this



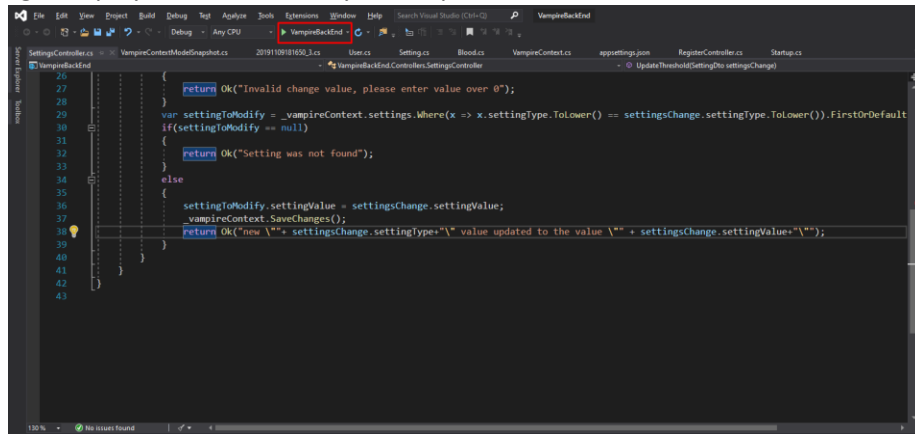
11. Simply type the command "Update-Database" and voila you got a running DB locally :P



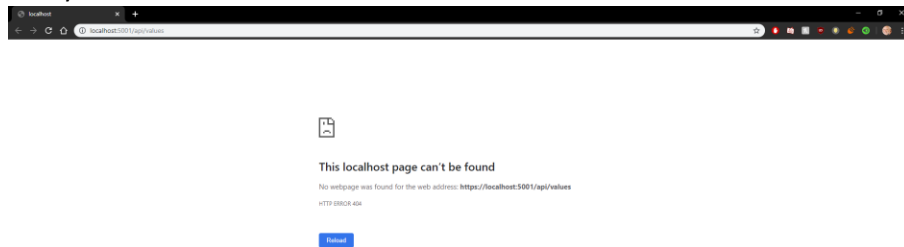
12. Result looks something like this



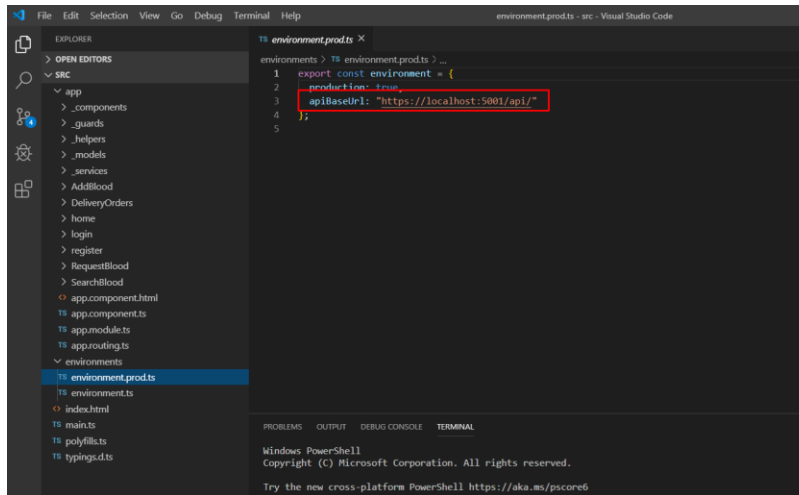
13. If any red/errors message me, but make sure it says done and up to date after, mine is already up to date so no changes
14. Now you can run your backend and everything works nicely from here
15. Click the green play button which says “VampireBackEnd”



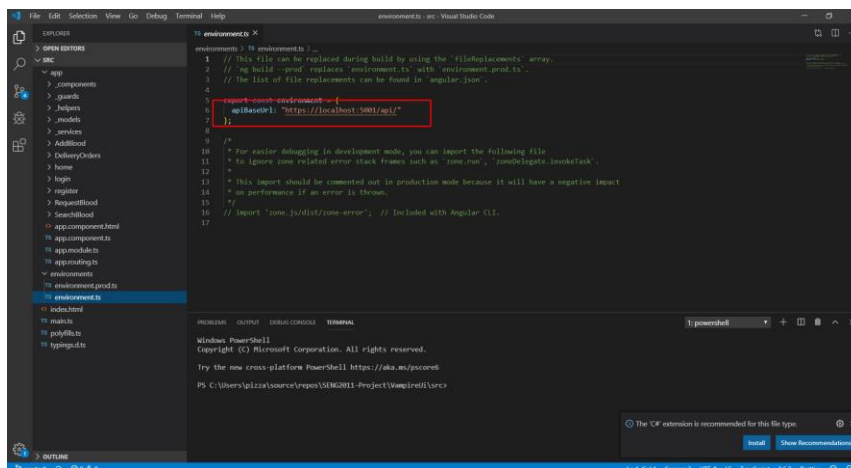
16. This will run your backend on a base url



17. The base url is very important here, see in my cases it's <https://localhost:5001/>
- If your base url is different, open the environment file in the typescript and simple change yours



```
environment.prod.ts
environments > TS environment.prod.ts ...
1 export const environment = {
2   production: true,
3   apiBaseUrl: "https://localhost:5001/api/"
4 };
5
```



```
environment.ts
environments > TS environment.ts ...
1 // This file can be replaced during build by using the 'fileReplacements' array.
2 // ng build --prod replaces environment.ts with environment.prod.ts.
3 // The list of file replacements can be found in 'angular.json'.
4
5 export const environment = {
6   production: false,
7   apiBaseUrl: "https://localhost:5001/api/"
8 };
9
10 * For easier debugging in development mode, you can import the following file
11 * to ignore zone related error stack frames such as 'zone.run', 'zoneDelegate.invokeTask'.
12 *
13 * This import should be commented out in production mode because it will have a negative impact
14 * on performance if an error is thrown.
15 *
16 // import 'zone.js/dist/zone-error'; // Included with Angular CLI.
17
```

Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
Try the new cross-platform PowerShell <https://aka.ms/powershell>

PS C:\Users\pizzal\source\repos\SEM2011-Project\Wampiredd\src>

The end, now you got a fully functional full stack ready to run on your computer I hope this was helpful.

If any questions ask me