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# App Basics

|  |  |
| --- | --- |
| > dotnet --list-sdks | >dotnet --info |
| >node --version  v16.13.0 |
| >npm --version  8.1.3  **Alternate use nvm to install different versions of node**  <https://joachim8675309.medium.com/installing-node-js-with-nvm-4dc469c977d9> |
| >ng –version |
| Install Postman  <https://www.postman.com/downloads/>  No need to create an account to use Postman. Towards the bottom there is skip link to skip login | Other features  Entity Framework, HTML5, Bootstrap, CSS, TypeScript, C# |

# App Features

1. Registration & Login with ASP.Net Identity
2. View list of members currently online
3. Like members and list
4. View members who liked them
5. Upload photo
6. Update member profile
7. Messaging (live chat) system to message member’s real time
8. Pagination

# Create Api and Angular Projects

* Create a base folder to house the projects and files

## WebApi

|  |  |
| --- | --- |
| Create WebAPI Method 1 >dotnet new sln  Solution name the same as the container folder  >dotnet new webapi -o MCS.WebApi  Create a new project with name MCS.WebApi  >dotnet sln add MCS.WebApi  Add the project to the solution Create WebAPI Method 2 >dotnet new webapi -o MCS.WebApi -n MCS.WebApi Tidy up the Solution File > Preference > Settings and then type “Exclude”  Exclude Bin and obj folder by following the examples |  |

## Angular

Create the Anuglar app

>ng new MyConnectSocial-SPA

>ng serve to run

# Adding c# related extensions

|  |  |
| --- | --- |
| 1. C# for Visual Studio Code (powered by OmniSharp) 2. C# Extensions by JosKreativ     adding nuget   1. vscode-nuget-package-manager | * After the reload you'll be shown some file missing popup - click yes. It will create .vscode folder. * If you miss this then do CTRL+SHIFT+P and type assets and click it to adding missing assets |

# Angular Extensions

1. Angular and then select Angular v7 Snippets by john papa

2. Angular Files 1.6.2 Alexander Ivanichev

4. Angular Language Service 0.1.10 by Angular

5. Angular2-switcher by infinity1207

6. Auto Rename Tag 0.0.15 Jun Han

7. Bracket Pair Colorizer CoenraadS

8. Debugger for Chrome Microsoft 4.11.0

9. Material Icon Theme Philipp Kief 3.6.0

10. Path Intellisense Christian Kohler 1.4.2

11. Prettier - Code formatter Esben Petersen 1.6.1

12. TSLint egamma 1.4.40

# Important Documents

1. [0002 VS Code DotNet Angular Commands.docx](0002%20VS%20Code%20DotNet%20Angular%20Commands.docx)