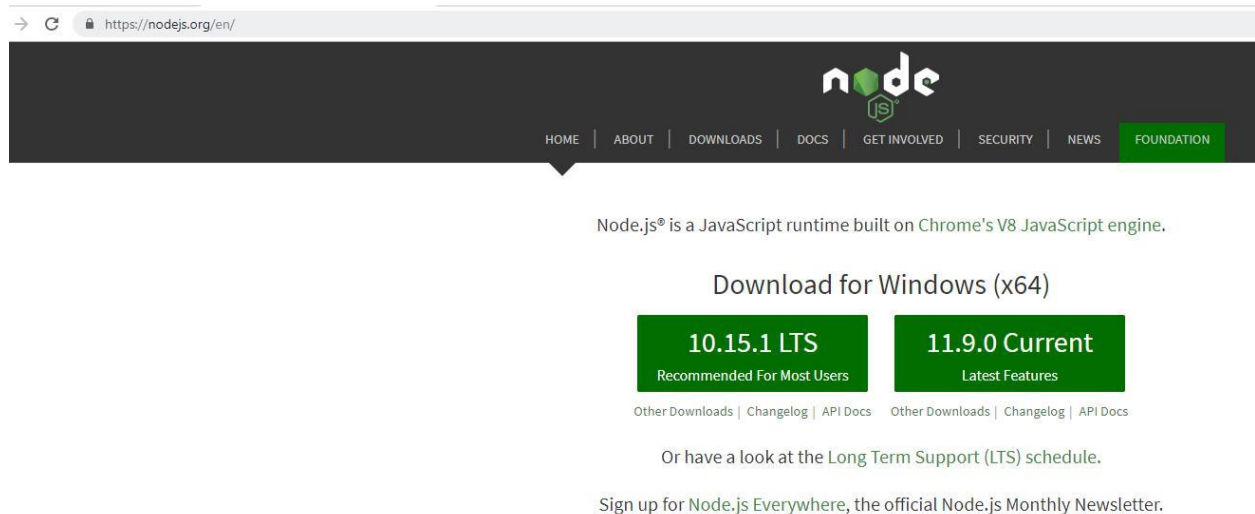# Frontend installation (if Angular and node is not installed) and working steps:

(Note: If you have node and angular installed then just switch to our 'frontend' folder and run npm install command and then run ng serve -o command)

Step1: Download nodejs from https://nodejs.org/en/

We recommend using Visual Studio code to check our code and run the application. Download it available at: https://code.visualstudio.com/download

Visual Studio Code   Docs   Updates   Blog   API   Extensions   FAQ   🔍 Search Docs   ↓ Download

Version 1.31 is now available! Read about the new features and fixes from January.

Download Visual Studio Code

Free and open source. Integrated Git, debugging and extensions.

	Windows		.deb	.rpm		Mac
	Windows 7, 8, 10		Debian, Ubuntu	Red Hat, Fedora, SUSE		macOS 10.9+

User Installer	64 bit 32 bit		.deb	64 bit 32 bit
System Installer	64 bit 32 bit		.rpm	64 bit 32 bit
.zip	64 bit 32 bit		.tar.gz	64 bit 32 bit

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Get the Insiders build instead.

.15.1-x64.msi   ^

We followed this tutorial to install node.js and angular using npm and angular/cli
https://www.youtube.com/watch?v=5wtnKulcquA

Step 2: Once node setup is downloaded, run the installation file.

Only then, you would be able to install angular using npm(node packet manager)

Step 3: To install **angular** using npm, open cmd and run this command : npm install –g @angular/cli

```
Microsoft Windows [Version 10.0.17763.195]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\akshah>npm install -g @angular/cli
[          .......] - extract:is-data-descriptor: http fetch GET 200 https://registry.npmjs.org/humanize-ms/-/humanize
```

Step 4: Now either clone from our git repo or unzip the zip file we submitted on brightspace.

Step 5: After unzipping, open cmd in the extracted folder. We recommend, opening our code in visual studio code as it has built in terminal.

Step 6: Once inside strayspirit folder (either in VS code or cmd) switvh to frontend folder by this command:
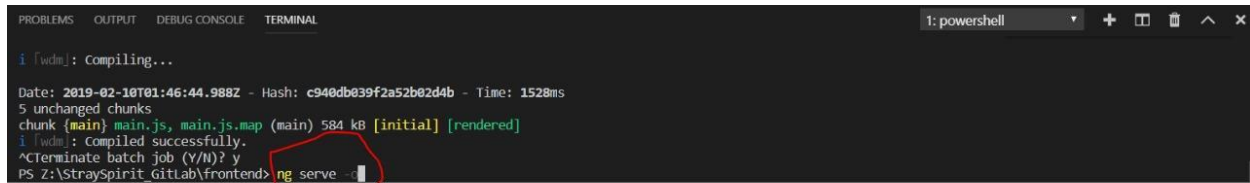
Cd frontend

Step 7: Now run the following command inside frontend folder:

Npm install **(This is to be done even if you have angular and node installed)**

This will install all the node modules which includes the dependencies we used in the project.

Step 8: Once the node modules are installed, enter this command to compile and run our application.

Ng serve –o

It should show compiled successfully.

Step 9: It should automatically run the application on your default browser on localhost at port 4200. If not you can run the application by visiting http://localhost:4200 on your browser.

Step 10: Now you can view individual pages created by all group members for this assignment and check who has made which page in their respective readme files available on gitlab and brightspace submission zip.

Backend Setup

Make sure node.js is installed.

Switch to backend folder and run the command -

npm install

After all node modules are installed, run this command –

npm start

This will start the backend server on port 3000.

Make sure both frontend (ng serve -o) and backend (npm start) commands are running simultaneously for the application to function properly. We advise to run two terminals or use the multi terminal functionality provided by vs code.