Please use git during the implementation to document the changes that have been made during the exercise. If you do not have a GitHub, Bitbucket or another account to publish the code please zip the local repo when the exercise is done and send it to us for review.

Required libraries for this exercise.

* Angular
* RxJS
* NgRx
* AgGrid
* Highcharts
* PrimeNg (Optional)
  + If you do not have any experience with PrimeNg, use your preferred component library.
* Nx (Optional)
  + If you have experience with nx please us it.

1. Generate an Angular application using Angular cli (or nx, optional).
2. Install the necessary packages for ngrx, ag-grid, highcharts and primeng (or your preferred component library)
3. Create some sort of navigation on the page. (side-menu or navigation bar)  
   It must contain two navigation options.
   1. Vessels
   2. Emissions.
4. Create a page for the Vessels option.  
   The page should show a grid with Vessel information.  
   Use the following url to get the data. https://frontendteamfiles.blob.core.windows.net/exercises/vessels.json
5. Create the models, services, ui components, state and facades necessary for the Vessel page.  
   Here is an example of how it could look like. You can use the style/theme you wish.  
   A screenshot of a computer

   Description automatically generated
6. Create a page for the Emissions option.  
   The page should show a basic line chart for Vessel Emissions information.  
   Use at least two of the emission types in the data set.  
   The page should have a dropdown to change the vessel.  
   Use the following url to get the data. https://frontendteamfiles.blob.core.windows.net/exercises/emissions.json
7. Create the models, services, state and facades necessary for the Emissions page.  
   Here is an example of how it could look like. You can use the style/theme you wish.  
     
   A screenshot of a computer

   Description automatically generated