LeanTaaS - FE Coding Challenge

For this challenge, build a mini application that will display images from NASA's Curiosity rover for a given *sol* (sol = a day on mars). You may use any front end framework you feel comfortable with, Angular, React, etc. but do **NOT** use any additional UI libraries (no Bootstrap, Material, etc.)

Please share the working code via https://stackblitz.com/ or a link to a Github repo.

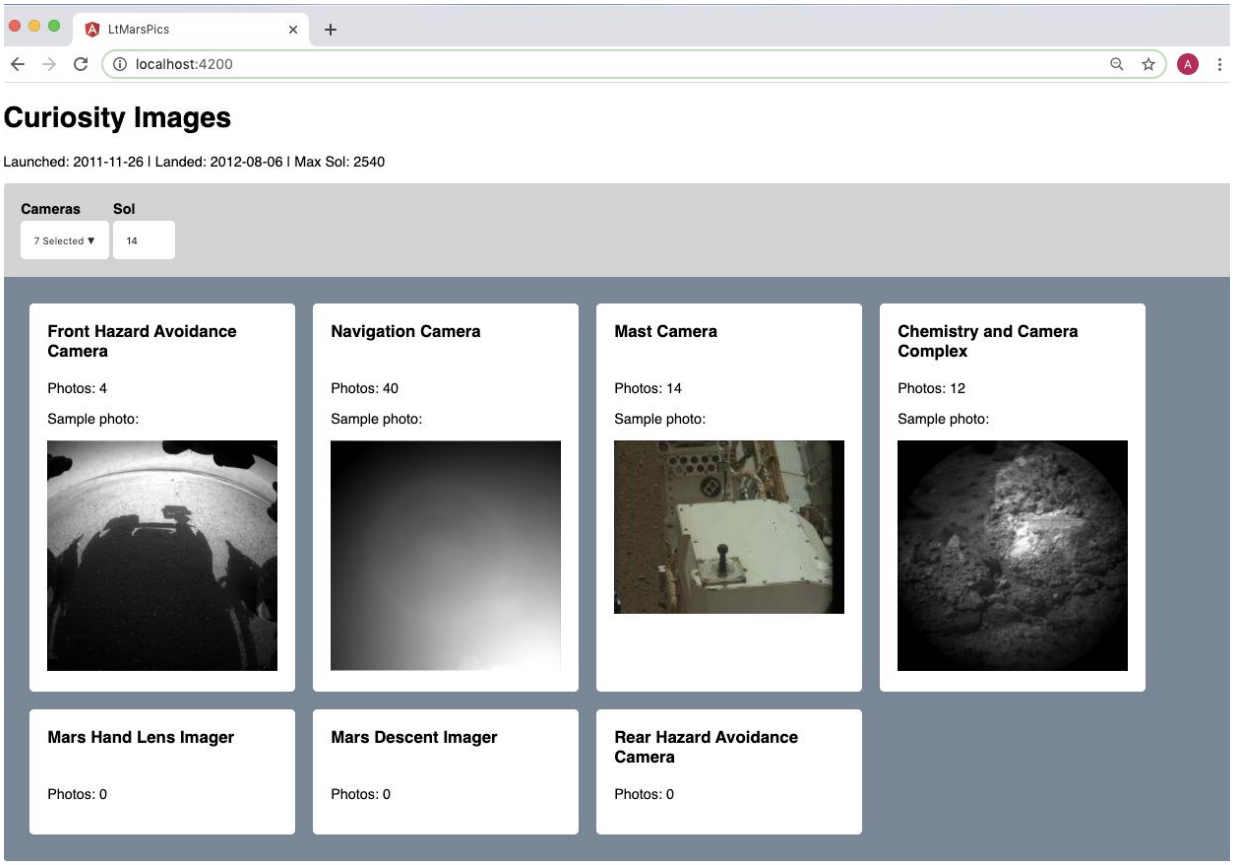
Requirements

- Use the Mars Rover Photos API from NASA (https://api.nasa.gov/)

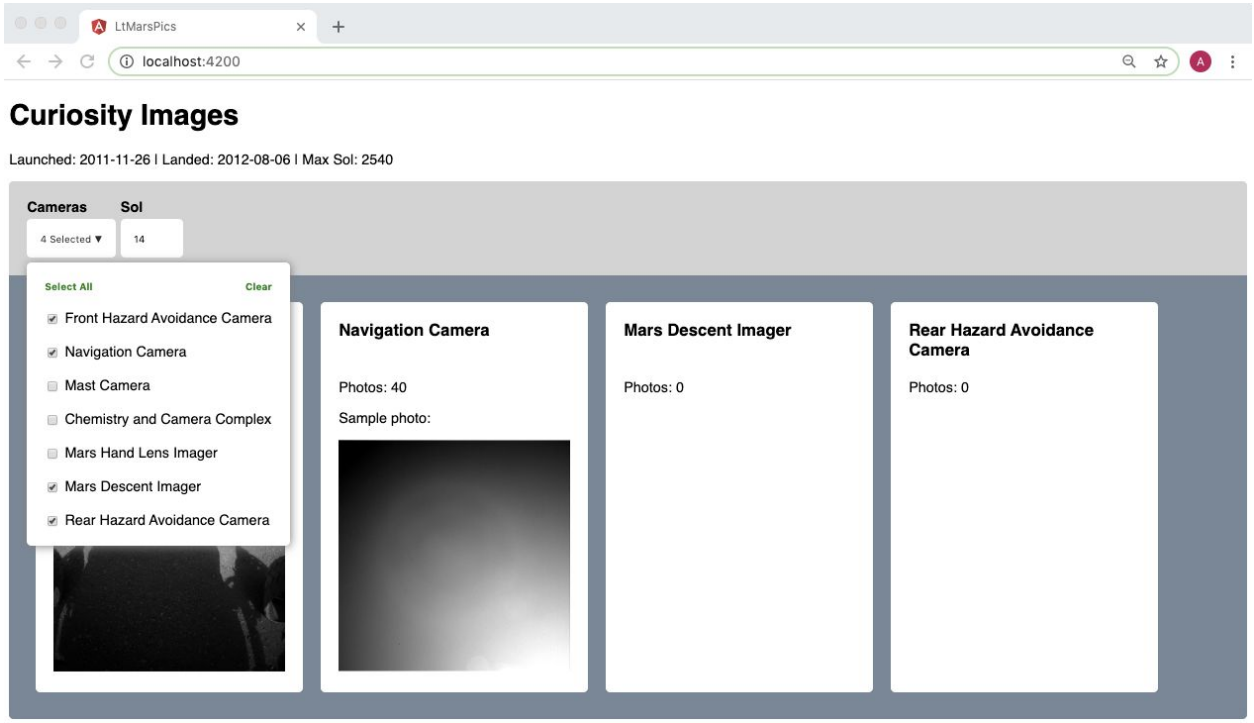
  Examples:
  - https://api.nasa.gov/mars-photos/api/v1/rovers/curiosity/?api_key=DEMO_KEY
  - https://api.nasa.gov/mars-photos/api/v1/rovers/curiosity/photos?sol=1000&api_key=DEMO_KEY

- Allow users to **filter** which cameras are included on the page. The values in this "Cameras" filter should be **populated dynamically**
- Allow user to change the *sol*
- For each of the selected cameras, display:
  - The camera name
  - The number of photos the camera took on the given *sol*
  - A sample photo, if one is available for that camera on that *sol*
  - **See below for design**

Default view:



User interacts with camera filter:



Close up of camera filter: