I shall be attaching images at the end. I have made this application using angular 5. Apart from that I used bootstrap 4 also.

**Installation**

To run this application unzip the file and then type

npm install

After all the modules are installed you can start the application by typing npm start. It has been auto configured to open a browser and start the application.

**Workflow**

The application first checks if the data is already present in the browser’s cache, if it is present then it takes the data from cache else it gets the data from server.

After it gets the data from server it stores it in cache, so that it can be reused later.

Once data is received the application displays all the beer names one after another. It is mobile responsive as well.

Features like search for names and filters like sorting beer based on alcohol content is also implemented. Apart from that filtering based on style is also done.

As we can see there is indeed quite a lot of styles so the styles are got dynamically from the json data and the same is displayed in the application. After filtering according to styles we can also sort them in ascending order and descending order of alcohol content.

**Work to be done**

Although a purchase button is made it is non-functional. Apart from that the checkout feature can also be made. One thing that needs to be done is instead of showing all the items one after another we should use pagination or infinite scroll, it will make the site faster to work with. We can also privide an option to change the view, like grid view or list view.