

Assignment A

The task for the first assignment can be found in the component named `SensorDataDisplay`. The sensor data has been fetched from the API and displayed in the frontend.

Assignment B

For handling data from the secure web socket, a component name `SensorDataLivestream` has been used. The user option to act on critical scenarios can be also seen there. A Line Chart has been added to visualize a live stream of sensor data. Once an `'IsActionRequired: true'` status is received, the application pauses any further data receiving and waits for the user's input.

Assignment C

Even though in both cases, similar content is received. The keys used in JSON responses differ in structure. It is recommended to use a camel case for the name of the keys in a key-value pair. However, the data received from the web socket uses the Pascal case for keys. Even though using Pascal's case for keys is not a bad idea. But it would be better to maintain one structure throughout a project.