Task 1

List of all sensors with the latest measurements of each sensor.

Url: http://localhost:8000/saftehnikatask

Response:


```
{"latest": [{"measureValue":57.0,"time":"2019-09-09 23:53:27","sensorName":"Classroom","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.45,"time":"2019-09-09
23:53:27","sensorName":"Classroom","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":18.8,"time":"2019-09-09
23:59:22","sensorName":"Gate","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":49.0,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.85,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":101680.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"Atmospheric Pressure","unitSymbol":"Pa"},{"measureValue":659.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"CO₂","unitSymbol":"ppm"},{"measureValue":41.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Humidity","unitSymbol":"%"},
{"measureValue":25.45,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Temperature","unitSymbol":"°C"}]}
```


Task 2

List of all sensors with a list of all Min & Max values of each sensor per selected date.

Date=2019-09-03
Url: http://localhost:8000/saftehnikatask?date=2019-09-03

Response:


```
{"latest": [{"measureValue":57.0,"time":"2019-09-09 23:53:27","sensorName":"Classroom","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.45,"time":"2019-09-09
23:53:27","sensorName":"Classroom","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":18.8,"time":"2019-09-09
23:59:22","sensorName":"Gate","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":49.0,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.85,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":101680.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"Atmospheric Pressure","unitSymbol":"Pa"},{"measureValue":659.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"CO₂","unitSymbol":"ppm"},{"measureValue":41.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Humidity","unitSymbol":"%"},
{"measureValue":25.45,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Temperature","unitSymbol":"°C"}],
"stats": [{"measureValueMin":47.0,"measureValueMax":58.0,"time":"2019-09-03 06:23:27","sensorName":"Classroom","metricName":"Humidity","unitSymbol":"%"},
{"measureValueMin":22.65,"measureValueMax":24.45,"time":"2019-09-03 06:53:27","sensorName":"Classroom","metricName":"Temperature","unitSymbol":"°C"},
{"measureValueMin":13.4,"measureValueMax":19.85,"time":"2019-09-03 16:04:43","sensorName":"Gate","metricName":"Temperature","unitSymbol":"°C"},
{"measureValueMin":43.0,"measureValueMax":52.0,"time":"2019-09-03 06:56:31","sensorName":"Hall","metricName":"Humidity","unitSymbol":"%"},
{"measureValueMin":24.05,"measureValueMax":25.7,"time":"2019-09-03 14:56:31","sensorName":"Hall","metricName":"Temperature","unitSymbol":"°C"},
{"measureValueMin":101590.0,"measureValueMax":101800.0,"time":"2019-09-03 08:50:00","sensorName":"Meeting room","metricName":"Atmospheric Pressure","unitSymbol":"Pa"},
{"measureValueMin":494.0,"measureValueMax":748.0,"time":"2019-09-03 16:39:54","sensorName":"Meeting room","metricName":"CO₂","unitSymbol":"ppm"},
{"measureValueMin":43.0,"measureValueMax":56.0,"time":"2019-09-03 00:00:02","sensorName":"Meeting room","metricName":"Humidity","unitSymbol":"%"},
{"measureValueMin":24.15,"measureValueMax":25.65,"time":"2019-09-03 15:49:54","sensorName":"Meeting room","metricName":"Temperature","unitSymbol":"°C"}]}
```


Date=2019-05-07
Url: http://localhost:8000/saftehnikatask?date=2019-05-07

Response:


```
{"latest": [{"measureValue":57.0,"time":"2019-09-09 23:53:27","sensorName":"Classroom","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.45,"time":"2019-09-09
23:53:27","sensorName":"Classroom","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":18.8,"time":"2019-09-09
23:59:22","sensorName":"Gate","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":49.0,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Humidity","unitSymbol":"%"},{"measureValue":23.85,"time":"2019-09-09
23:56:26","sensorName":"Hall","metricName":"Temperature","unitSymbol":"°C"},{"measureValue":101680.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"Atmospheric Pressure","unitSymbol":"Pa"},{"measureValue":659.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting
room","metricName":"CO₂","unitSymbol":"ppm"},{"measureValue":41.0,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Humidity","unitSymbol":"%"},
{"measureValue":25.45,"time":"2019-09-06 10:39:26","sensorName":"Meeting room","metricName":"Temperature","unitSymbol":"°C"}],
"stats": [{"measureValueMin":40.0,"measureValueMax":45.0,"time":"2019-05-07 06:34:24","sensorName":"Classroom","metricName":"Humidity","unitSymbol":"%"},
{"measureValueMin":15.899999618530273,"measureValueMax":21.299999237060547,"time":"2019-05-07 07:54:23","sensorName":"Classroom","metricName":"Temperature","unitSymbol":"°C"},
{"measureValueMin":22.0,"measureValueMax":34.0,"time":"2019-05-07 05:57:14","sensorName":"Hall","metricName":"Humidity","unitSymbol":"%"},
{"measureValueMin":18.950000762939453,"measureValueMax":22.5,"time":"2019-05-07 09:17:12","sensorName":"Hall","metricName":"Temperature","unitSymbol":"°C"}]}
```