The system shall allow the user set the frequency of which the data stream measures (i.e. minuets, seconds, hours, microseconds, etc.).

The system shall display the extra data or metadata about the sensor to the user.

The system shall inform the user about the precision and accuracy of the sensor measurement that is included in the metadata associated with a sensor.

The system shall display sensor locations on a map.

System shall handle data values pertaining to but are not limited to: temperature, precipitation, humidity, soil moisture, and CO2 levels.

The system shall take the different sensor file formats and convert them to a system-standardized format for analysis.

The system shall be able have new file formats inputted to allow for new file formats to be converted by the system.

The system shall with the ‘after L’ include the data readings where L holds.

The system shall with the ‘before L’ does not include the data readings where R holds.

The system shall with the ‘between L & R’ includes the reading for L but does not include the reading for R.

The system shall with the ‘after L until R’ includes the readings between the first L all the way until R before the first R otherwise the system will include all the readings after L.

The system shall distinguish that a data property is composed of a range of interest and a pattern.

The system shall with ‘universality between L & R’ readings after L and before are have to hold.

The system shall with the ‘absence’ pattern the readings in the scope should never hold.

The system shall with the ‘existence’ pattern the readings should hold at least once in the scope.

The system shall with the ‘response’ pattern have two scopes.