Currently there exists a system that scientists are using to gather data. The data is retrieved from various sensors in various locations. Part of the problem is the current interface is difficult to use and when retrieving data there are multiple file formats. This has been an ongoing problem for the scientists. They would like to create a new system that will fulfill the following request. As per the requirement definition handout in Appendix C

* Improve the user interface for the data property specification tool;
* Provide scientists with the ability to create, retrieve, update, or delete sensor data properties using a mobile device;
* Provide the ability to describe the file formats for different types of sensors to allow the system to read a file and check for anomalies using the appropriate properties; and
* Provide the ability to graph the processed data and show where data readings are not satisfying specified data properties.