Lineage:
- Initial version prepared, Radim and Rachid, Aug 2016
- Minor edit and comment, Bruce, Jan 2017

User Story

7.1.4 Integrated Search Classify Observations by Data Quality

Version: 0.1

==== User Story ====
Related components: 4.1, 4.3, 4.5, 5.3, 5.4, 7.1, 7.1.3, 7.1.4, 7.5, 8.1, 8.2

Related User Stories: ...

A climate Data User decides to classify all stations in an area of interest according the data quality. He need produce set of reports describing sensor surrounding, maintenance and quality control flags used in the process of QC (which flag was used, how operator manage it, etc.).

The user requires to:

- classify surrounding of sensor (station sitting)
- use multilayer of quality flags
- classify the observation condition (sitting, calibration, maintenance, quality control, homogeneity, …)
- know about quality of source data for derived data
- monitor the results of assessment

The CDMS is not only archiving tools for climatological data but should be device for quality management also. Assessment of data quality is an integral part of CDMS.

==== End =====

Reference: WMO 1131