Use Case: Updating metadata fields of multiple objects

Title (goal)	Updating metadata fields of multiple objects
Primary Actor	Researcher
Scope	System black-box
Level	User-goal
Story	A Researcher edits metadata records of a larger collection of absorption spectrometer measurements, represented as both images and numerical data. The images each depict a graph showing the measured absorption spectra (typically a line with distinctive peaks). She goes through the collection by date and timestamps, selecting those objects generated by the same experiment, and assigns to all of them an investigation identifier, a project identifier, and her name as creator, thus updating the pre-existing metadata record. Each experiment typically includes several hundreds to thousands of objects. After enriching the whole collection in that way, she searches for absorption spectra with certain characteristics (wavelength and curvature of peaks), and tags all objects in the result set as "good measurement". A result set may contain dozens to thousands of objects.