

SPECCHIO Webinterface – Requirements

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ID	Requirement	Type	Grouping	Prio (1, 2, 3)* by client	Sprint	Use Case	Costs (hours)	Risk (0, 1, 2)	Status
1	The user must be able to search by keyword.	functional	search	1	1	1	24	1	
2	The user must be able to search by clicking the given pictograms: – Atmosphere – Hydrosphere – Geosphere – Cryosphere – Biosphere	functional	search	3	4	1		0	
3	The user must be able to search by the SPECCHIO attributes (prefix search).	functional	search	2	2	1	16	2	
4	The user should be able to search by map.	functional	map search	3	4	1	24	1	
5	Input for map search are coordinates.	functional	map search	3	4	1	4	0	
6	Input for map search is location name.	functional	map search	3	4	1	4	0	
7	The system will notify about no results if the area in km2 exceeds a specific value.	functional	map search	3	4	1	12	1	
8	The system shows the first 10 results of a search query.	functional	result list	1	1	1	16	0	
9	Results are initially sorted by date.	non-functional	result list	1	2	1	2	0	
10	The list of results should contain following information: – date – campaign – owner – name – filename – institute – thumbnail of spectral data diagram – enabled map icon in case of existing map data, disabled if non-existing	functional	result list	1	2	1	4	0	
11	The system should be able to show a map snippet in the list of results if the mouse pointer is located over an enabled map icon.	functional	result list	3	3	1	8	1	
12	The user must be able to view 1 spectral data set (simplified).	functional	detail view, map search	3	3	2	8	1	
13	The user must be able to view 1 spectral data set (fullview → diagram & metaparameter)	functional	detail view	1	2	2	16	2	
14	The user should be able to view multiple spectral data sets (fullview).	functional	diagram	2	2	2	16	1	
15	The user must be able to view detail information about diagram curve from the position where the mouse cursor is currently located.	functional	diagram	2	3	2	6	1	
16	The user should be able to zoom in into diagram.	functional	diagram	2	3	2	4	1	
17	Only existing categories should be shown. Categories without content must be fade out.	functional	detail view	1	2	2	4	0	
18	Spectral data from different types should be separated in different tabs.	functional	detail view	2	2	2	4	0	
19	File format of spectral data export must be csv (comma-separated values).	functional	data export	1	2	3	4	0	
20	Multiple data sets from same type must be packed into one csv file.	functional	data export	1	2	3	4	1	
21	All generated csv files (data sets from different type) must be packed to ZIP.	functional	data export	2	3	3	4	1	
22	The user must be able to export detail view as PDF.	functional	view export	2	3	4	8	1	
	Version: 1.1			* Basic requirement		Total	192		
	Date: 10.10.2016			Basic requirement 2nd priority					
				Nice to have requirement					