

Context data logger requirements

No	Requirement	Prio	Use case 1	Use Case 2	Area	Comment
Phase II						
	Starts automatically when phone is switched on	H				can be done manually
	Is restarted if crashed	H				
	Can record a description of the current context	M				
	Identifies important locations automatically	H				
	Allows naming of automatically identified and user-identified important locations	H				
	Creates a log of communication automatically	H				
	Naming and recording functions available to user with minimum UI navigation	H				
	Shows previous name if renaming an already named cell	H				
Phase I						
	Runs on Nokia 7650	H				Could be something else?
	Runs as a background process	H				
	Starts automatically as phone is turned on	H				
	Logs cellid changes	H				
	Logs ambient noise level	M				
	Logs profile changes	H				
	Records data as a text file	M				
	Can be switched from one file to another	H				
	Records time of day at 1 sec resolution	H				
	The polling interval for non-event-based logging should be changeable	H				
	Noise level should be measured in a way that mimics human perception	H				
	Logs switch on and switch off events	H				
	Should listen to change events for the logged data, if possible	M				
	Should log network name/id	H				
	Log files can be automatically transferred if a suitable connection is available	L				
	The logger should not adversely affect the perceived performance of the phone	M				
	Delays in the logging are acceptable	H				
	Inability to retrieve the wanted data (errors) should be logged					
	The logger should stop recording before using all available space (and have a user-defined limit for the available/used space)	H (M)				
	The logger should show current data in the UI	L				

The logger must provide a UI for switching the log file, pausing the logging and disabling the logger

MH

For transferring logs, and privacy