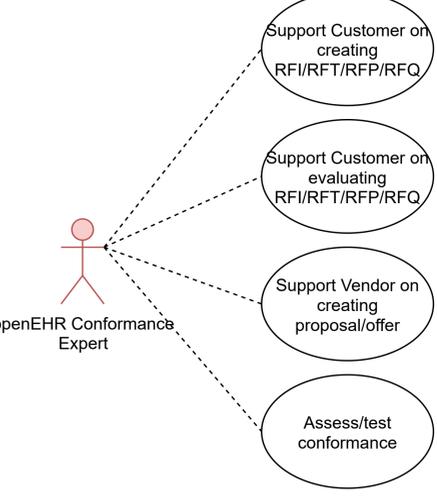
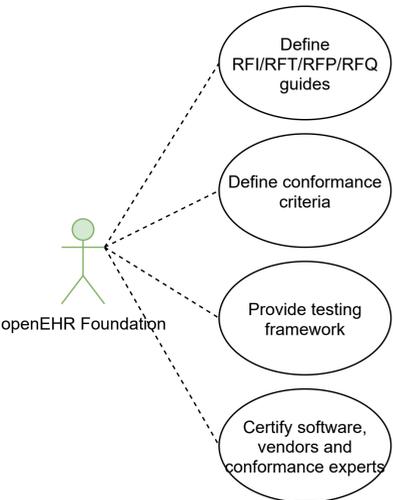
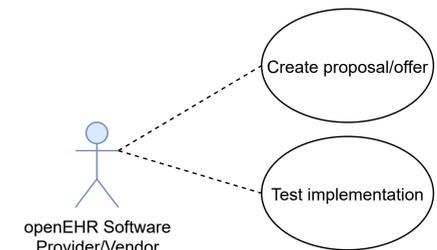
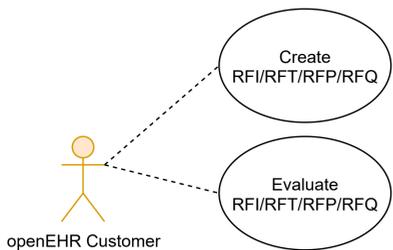


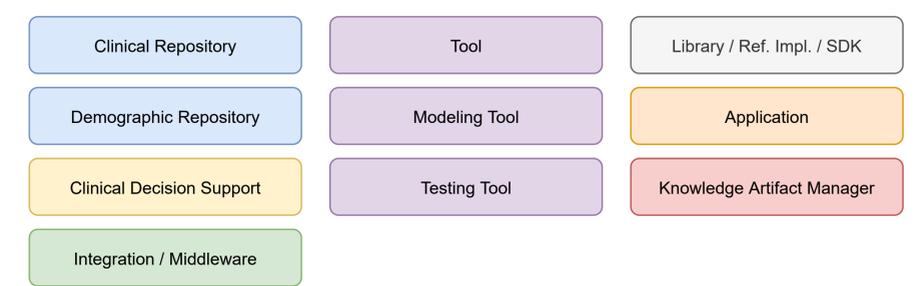
## 1. Use Cases



## 2. Artifacts

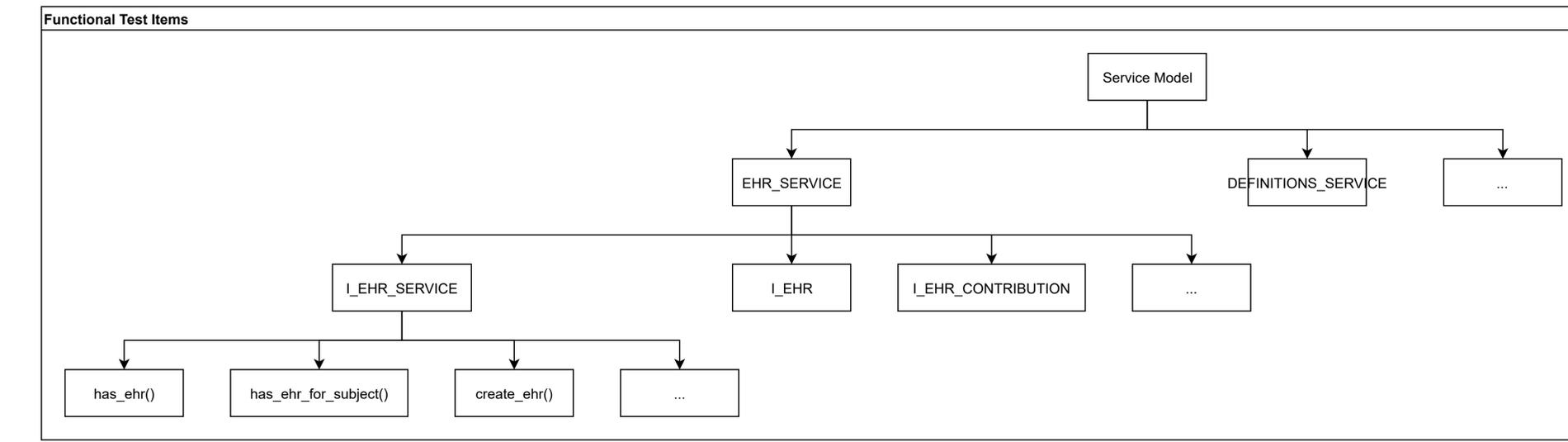
RFI/RFT/RFP/RFQ guides	<< provide template alongside with the guides
Proposal guides	<< provide template alongside with the guides
Conformance statement	<< provide template, note there are elements that are not functional that should be here, like version of the RM supported, or which classes are implemented and which don't. - <a href="http://dicomiseasy.blogspot.com/2016/01/dicom-conformance-statement.html">http://dicomiseasy.blogspot.com/2016/01/dicom-conformance-statement.html</a> - <a href="http://dicom.nema.org/medical/dicom/current/output/html/part02/chapter_6.html">http://dicom.nema.org/medical/dicom/current/output/html/part02/chapter_6.html</a> - <a href="https://www.youtube.com/watch?v=XC3PCumqMM0">https://www.youtube.com/watch?v=XC3PCumqMM0</a>
Conformance specification	<< definition of how stakeholders should use artifacts, which processes to follow, which ITS test elements are available, criteria for conformance statement, assessment, testing, etc.
Service Model	<< abstract conformance items in the conformance spec are defined by the SM (contract spec)
Conformance Test Technical Framework Spec	<< abstract spec of the test tech framework, defines test cases for each interface, pre/post conditions, input data sets and expected output, basically a test doc like: <a href="https://github.com/ehrbase/ehrbase/blob/feature/527_test_data_sets_review/doc/conformance_testing/README.md">https://github.com/ehrbase/ehrbase/blob/feature/527_test_data_sets_review/doc/conformance_testing/README.md</a>
Conformance Test Technical Framework	<< test suites implementation in a specific technology, following the abstract conformance specification, most testable items will be defined against the REST API
REST API	<< technical conformance items in the conformance technical framework spec are defined by the REST API
Test Execution Report	<< design structure, is the output of the Conformance Technical Framework when executed against a specific SUT
Reference Architectures	<< high level component diagram for each SUT category, allows to define a reference of the items that can be tested

## 3. SUT Categories



## 4. Functional Test Items

What could be tested are the operations per interface of the SM. In the Conformance Specification there should be a criteria that tests at least one success case, one case for each possible error, and if there are border cases, one test for each border case. This is abstract, is what to test but doesn't specify how to test. In the Testing Technical Framework it is specified how to test and which specific data sets to use.



## 5. Functional Test Items per SUT Category

Each SUT category should offer a subset of the interfaces specified in the SM. Then those 'contracts' are used to verify conformance on each SUT category. Each SUT category is associated with one or more 'components' of the SM which means they provide the interfaces defined by those components.

