System test

Version history

Version	Effective date	Author	Change description

Table 1: Version history

1 Meta-Information

1.1 Release

Document	System test	Document Version	1
Author	Praveen Das	Date of last change	2022-03-10

Table 2: Document Release

1.2 Test details

Test ID	Data input output
Title	Data input output
Test objectives	Test if wrong dataset input gives correct result or not
Acceptance criteria	When dataset is none/null, output should produce error
# Test run	1
Date	2022-03-10

Table 3: Test details

2 Test

Test Mode	Date	Tester	Signature

Table 4: Tester and test mode

2.1 Precondition

1. Client and server scripts are running
2. Valid dataset is available
3. Null dataset is also available
4. Orthanc PACS system should be running in docker container

2.2 Setup

Test Environment :

2.2 Test steps

Step	Requirements	Activity	Record	Expected result	Result	OK/not OK
1.1	001	Provide correct dataset via Orthanc PACS system		Client side should display patient data correctly and server side should receive all those data as expected	Client side should display patient data correctly and server side should receive all those data as expected	OK
1.2	002	Provide null dataset to the client script		Client side should receive error `exception=AttributeError("'NoneType' object has no attribute 'SeriesInstanceUID'")`	Client side should receive error `exception=AttributeError("'NoneType' object has no attribute 'SeriesInstanceUID'")`	OK

Table 5: Test steps

2.3 Post condition or activity after implementation:

`none`

2.4 Comment

Test successfully passed