## Deliverables

**QIBA Subaward Funding - Conditions for Payment**

Subaward No:   HHSN268201000050C (14a)
Title:                 Groundwork for QIBA Image Reference Database
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The Open Image Archive Ad Hoc Committee has outlined use cases for Open Image Archives. UC 4 deals with a QIBA image reference database. Since all technical workgroups of QIBA work one way or the other with image sample data sets it was intended to reach out to the work groups for getting them involved in the requirements specification process.

We follow the standard software solution development process that starts with use cases. Those use cases are translated into a first set of user requirements. Those requirements are then discussed in an iterative process with users and other stakeholders. For the QIBA environment users are translated into technical working group members. Other stakeholders are defined as the OIA Ad-hoc committee members, RSNA informatics committee and NBIA of NCI.
To get the process started a first draft of user requirements has been generated (see attachment). This was done based on the experience of the contractors and the current level of understanding of the QIBA process.
This document was distributed via RSNA staff to all technical committees asking for feedback (user).

Comments received so far are supportive of the overall approach. A short summary of the feedback is:

> 'Context of use 'should be further defined.
> Concentrate on using such an archive for  analytical validation and image analysis standardization rather than full qualification of the imaging biomarker.
> To provide detailed feedback a meeting would be recommended to explain background, purpose and information need and then jointly work on feedback.
> User requirements are hard to evaluate without knowing the implementation.
> A minimum number of high criticality specifications would be recommended and as much interoperability with existing readily available technologies as possible.
> Data base should be prepared to manage synthetic data as well; link of text and other documents with zipped DICOM and XML together with DICOM and related analysis software would be needed to support the synthetic data project.

Next steps:
A proposal to the steering committee will be made to organize a user meeting to further discuss requirements.

A first meeting with RSNA informatics provided clarity on the process and goals. A joint working group QIBA – RIC has been established.
In parallel with the user feedback we will work with the QIBA – RIC committee to capture feedback. Based on this NBIA will be contacted.