**Innovation 873– Telepathology**

**(VA118-11-D-1001 VA118-1001-0038)**

**Sprint #1 & 2 Review Agenda**

**Sprint Review Session: Friday, February 27, 2015**

**Sprint Schedule: A 30 day sprint from January 23rd through February 27th, 2015**

**Sprint Deliverables:**

* **Complete Sprint #1 & 2 User Stories which will include backlogs**

**User Stories Developed:**

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| **Priority** | **Title** | **User Story** |
| **1** | **Telepathology demonstration environment baseline** | **Set up the baseline environment to demonstrate Telepathology** |
| **2** | **Analysis, Development, Demonstrate** | **Activate redacted features, fix bugs, identify features that weren’t previously developed** |
| **3** | **Establish Vendor Environment** | **Contact vendors and begin integration process – Develop simulation environment if vendors aren’t accessible/cooperative** |
| **4** | **Integrate Vendor Simulation Environment** |  |
| **5** | **Refine Workflow based on stakeholder input** |  |
| **6** | **Bug Fixes/Documentation/ Testing** |  |
| **7** | **Prepare Release Candidate** |  |
| **8** | **Testing/security Environment Validation** |  |
| **9** | **Testing** |  |
| **10** | **Testing** |  |
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**Sprint #1 Requirements Referenced:**

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| **ID** | **Use Cases/Sprint Tasks** | **Requirement** |
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**Sprint #1 Tasks:**

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| --- | --- | --- | --- | --- |
| **ID** | **Work Item Type** | **Task** | **Assigned To** | **State** |
| **Sprint 1** | | | | |
| 1 | Infrastructure | Continue to refine environment (ongoing) | Stuart/Dee | 90% |
| 2 | Development | Compile unreleased Telepathology applications | Julian Werfel/Keith Buck | 100% |
| 3 | Analysis | Identify Requirements that are already coded and working as designed | Julian Werfel/Dee Csipo | 90% |
| 4 | Analysis | Identify requirements that are not designed properly | Julian Werfel/Dee Csipo/Csaba Titton | 90% |
| 5 | Analysis | Identify requirements that are designed as required but coded incorrectly (bugs) | Julian Werfel/Dee Csipo | 90% |
| 6 | Analysis | Identify list of bugs to be fixed in sprint #1 | Julian Werfel/Dee Csipo/ Csaba Titton | 90% |
| 7 | Development | Fix selected bugs | Csaba Titton/Julian Werfel | 90% |
| 8 | Analysis | Identify candidate Telepathology viewers | Dee Csipo/Stuart Frank | 50% |
| 9 | Analysis | Document approach for viewer integration | Dee Csipo | 0% - deferred to next sprint |
| 10 | Analysis | Validate & document workflow scenarios | Dee Csipo | 70% |
| 11 | Development | Activate features that were previously designed | Julian Werfel/Keith Buck/Csaba Titton | 100% |
| 12 | Development | Identify and develop required features that are in scope but weren’t previously designed (ongoing) | Csaba/Julian | 30% |
| 13 |  | Prepare for demonstrations | Team | 100% |
| 14 |  | Discussions with stake holders (ongoing) | Team | ongoing |
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**Sprint #2 Tasks:**

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| **ID** | **Work Item Type** | **Task** | **Assigned To** | **State** |
| **Sprint 1** | | | | |
| 1 | Infrastructure | Continue to refine environment (ongoing) | Stuart/Dee |  |
| 2 | Development | Ongoing coding and bug fixes | Csaba Titton |  |
| 3 | Analysis | Ongoing workflow and integration analysis | Julian Werfel/Dee Csipo |  |
| 4 | Analysis | Document approach for viewer integration | Dee Csipo |  |
| 5 | Development | Integrate with commercial Telepathology vendor or create simulator | Csaba Titton |  |
| 6 |  | Prepare for demonstrations | Team |  |
| 7 |  | Discussions with stake holders (ongoing) | Team |  |
| 8 | Testing | Test plan & script development | TBD Test Engineer | 0% |
| 9 | Testing | Testing | TBD Test Engineer | 0% |
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**Other Sprint #1 Tasks:**

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| **ID** | **Work Item Type** | **Task** | **Assigned To** | **State** |
| **Sprint 1** | | | | |
|  |  | Discuss progress on Security |  |  |
|  |  | Discuss project date (12 June) |  |  |
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**Demonstrations:**

**Decisions: Approved by customer:** None required

**Risks Identified:** None during the February 2/25/15 Meeting

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| **Risk ID** | **ID Date** | **Risk Statement** | **Prob Rank** | **Impact Rank** | **Mitigation** |
| ITR\_01 | 12/11 | IF the bandwidth is insufficient to handle Telepathology imaging THEN the project may be delayed. | VL | VH | To be addressed |
| ITR\_02 | 12/11 | IF Innovation 873 file size exceeds capacity THEN the project success could be jeopardized. | VL | VH | To be addressed |

**Issues Identified:**

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| --- | --- | --- | --- | --- |
| **Issue ID** | **ID Date** | **Issue Statement** | **Impact Rank** | **Contingency Plan** |
| ITI\_01 | N/A | No issues identified as of yet | N/A | N/A |
| ITI\_02 | N/A | No issues identified as of yet | N/A | N/A |

**Future Action Items:**

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| --- | --- | --- |
| **Action Item** | **Assignment** | **Status** |
| Present Demo for UAT | John Kane |  |
| Establish routine Sprint Schedule (i.e. every 3rd Friday at 10AM) | John Kane |  |

Notes:

Members in attendance: Angela Barnes (COR/PM), Larry Carlson (Telepathology innovator); Dr. Ratcliffe (Telepathology SME); Dr. Pak (Longview Chief Medical Officer); Stuart Frank (chief developer); Nihant Bondugula (Security specialist); Chris Naquin (Project coordinator); John Kane (Contractor Project Manager)

John Kane reviewed the progress made on project steps identified in Sprint 0. The estimated percentages were updated as of 22 January.

Stuart Frank provided a narrative of the progress in each of the steps in Sprint 0 and Sprint 1. He continues to refine the environment and will continue this throughout the project. He will continue to evaluate different viewers; will map and gap the current system to commercial Telepathology systems and is preparing plans for a demo to the VA.

Dr. Ratcliffe stated the previous Telepathology robotics are old and not supported. She hopes for whole slide imaging as long as there is adequate bandwidth. FDA approval is still and issue. Pricing of the replacement may also be an issue.

Dr. Ratcliffe and Stuart discussed display of images on tablets such as IPAD or MS Surface. Stuart will keep his eye on opportunities. He mentioned it might be a scope change.

Larry Carlson inquired about plans for product demonstration for UAT on a recurring basis. He suggested that the task date of 12 June might be adjusted if good progress is being made with the demonstration of the product. Dr. Ratcliffe and Stuart discussed a demonstration at the next meeting toward the end of February.

Larry Carlson asked what support was needed from him. John stated that assistance regarding the history of the previous project security effort might be needed when the contract office decides what level of ATO is required and when that optional task is exercised.