**NSSP Weekly Report**

# **NSSP Week Ending 01/20/2017 POC: Alan Davis**

# NSSP Items This Week

# The NSSP IT project operates with two primary sub-projects for tracking purposes: Development and Technical Assistance. The Onboarding project is a sub-project of Technical Assistance. A glossary of chart terms can be found in the next section.









# Chart Glossary

| **Term** | **Definition** |
| --- | --- |
| **Technical Assistance JIRA Ticket Types** |
|  Feat./Func. Suggestion | A feature or functionality suggested by users/stakeholders. |
|  Onboarding | An onboarding-related technical item. |
|  Processing | A request/item that relates to data processing. |
|  Questions | Any questions for the technical assistance team, e.g. HL7 mapping guide. |
|  Tech. Issue - Backend | A technical issue with the backend of the BioSense system. |
|  Tech. Issue - Frontend | A technical issue with the frontend of the BioSense system. |
|  User Accnt/Access | A user account or access request, e.g. R Studio access. |
|  Other | Other technical requests, e.g. request for new certificates. |
| **Development JIRA Ticket Types** |
|  Task/Sub-Task | A development-related issue or request. |
|  Improvement | A suggested change to the system. |
|  New Feature/Function | A suggested new feature to the system. |
|  Bug | A development-related issue or defect. |
| **Status** |
|   **Open** | The item/ticket is in queue. |
|  **Active** | The item/ticket is in progress. |
|  **Inactive** | Work on the item/ticket has started, but is on hold for a particular reason. |
|  **Waiting for Customer/Support** | The item/ticket is being worked on and is waiting on a reply from the customer or support. |
|  **Resolved** | The item/ticket is done, but needs to be reviewed. |
|  **Complete** | The item/ticket is done and has been reviewed. |
|  Re-opened | After being resolved or complete, the ticket is re-opened for a particular reason. |
|  Priority Rubric | The development and technical assistance tickets grouped by BioSense Platform functional area |
| **Other Items** |
|  BTA | BioSense Technical Assistance. Item/tickets related to technical assistance and coming through the Help Desk. |
|  BA | BioSense Agile. Items/tickets related to development or feature requests or backlog. |
|  Agile | Software development methodology to create requirements and solutions. |

# Development Sprint Chart

In order to perform Earned Value Management, the BioSense/NSSP IT project team will begin estimating sprints in hours and not sprint points. Earned value project/performance management (EVPM) is a project management technique for measuring project performance and progress in an objective manner. In this version of a sprint burn down chart the red line going down represents the value earned (work completed against the estimate) and the green line represents the hours worked.



# Development Velocity Summary – Last 5 Sprints

| **Sprint and Start Date** | **Sprint Items** | **Sprint Backlog Total Time (hours)****Initial + Changes** | **Scope Changes****(hours)** | **Sprint Velocity****Time (hours) Completed** | **Time (hours)****Unfinished** |
| --- | --- | --- | --- | --- | --- |
| Sprint 55, 01/17/17 |  61 |  744 |  72 |  92 |  580 |
| Sprint 54, 01/02/17 |  77 |  880 |  260 |  351 |  269 |
| Sprint 53, 12/19/16 |  40 |  520 |  104 |  200 |  216 |
| Sprint 52, 12/05/16 |  61 |  600 |  160 |  380 |  60 |
| Sprint 51, 11/21/16 |  54 |  574 |  55 |  457 |  150 |

# Key Accomplishments and Plans from This Week (across the project)

| **Category** | **Key Accomplishments and Plans** |
| --- | --- |
| Requirements | * Updated/created Jira tickets for data flow enhancements and reprocessing for production AMC
* Completed and distributed the weekly status report 01/13/2017
* Updating Test plan and requirements checklist for January release of the AMC
* Aided with transition communications, technical assistance, and gathered feedback
* Aided in Sprint planning (prioritization and estimation)
* Update the Quick Start Guide for AMC for new AMC release to take place in late January
* Assisted with creating the UI MFT homepage that will be implemented in AMC
* Drafted wireframes for the UI MFT facility information page within the AMC
* Drafted Modal Window Page for Primary Facility Selection for MFT UI page in AMC
* Drafted MFT approval wireframe for Onboarding Super Admins within the AMC
* Currently Testing pages in the Test Plan with regards to the AMC
* Added defect tickets from AMC testing to our Agile application for fixing
 |
| System Development & Maintenance | * Worked on code to process DOD
* Address questions regarding legacy data
* Added replication from individual sites from Stage Archive to DataMart
* Monitored SQL environment as a check and balance and look out for anomalies
* Updated AMC design documents
* AMC Test deployment for 1.1.02
* Worked on User Group Characteristics for build in AMC
* Continued to trace issues with datamart\_update report;
* Worked at bringing SAS Environment Manager fully up;
* Continued process of evaluation for SAS Studio implementation;
* Received SAS/ACCESS for MS SQL Server to be added to VA Server;
* Participated in meeting with SAS regarding Data Quality;
* Set SQL Server database as repository for SAS DQ.
 |
| Data Onboarding | * Resolved Issue with Duplicate Facility Names sending to different FacilityID\_UUIDs (in MFT/ESSENCE) –
* Performed regular MFT update requests received in Service Desk
* Continued requirements development/updates for Facility Administration Tool
* Continued preparation for Quarter 1 Onboarding Planning and Prioritization period
 |
| Technical Support | * Operational support for the Essence platform
* Monitoring replication objects on the various platforms
* Working on support JIRA tickets
* Working on Biosense Legacy import process
 |
| Data Analytics | * Researched UT volume drop for small number of facilities.
* Confirmed ID values being sent for Discharge Disposition met PHIN standards, recommended update to reference tables of valid values being held in ESSENCE for QA Reports.
* QA check Individual sites legacy fixes
* Updated Status (date range, volume) on legacy transition spreadsheet up to Cluster 5
* Worked on updating VET information into the DataMart
* Worked on patches and one off fixes in staging
* Checked indexes on processed and Raw Tables
* Met with ADM team to discuss PHINMS Legacy conversion requirements
* Attended LabCorp data integration requirements
* Reviewed documents related to BioSense Platform from Knowledge Transfer Meetings
 |
| Training & Communication | * Updated transition materials
* Monitored and resolved NSSP Mailbox/ Held Desk requests
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# New/Significant Project Issues/Risks/Scope Changes for Current Sprint

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **ID** | **Description** | **Mitigation/Action Taken** | **Status** |
| Risk | R012 | Amazon infrastructure issues may affect BioSense Platform infrastructure. | Monitor Amazon performance and prioritize and respond to issues as determined by the project team. | Monitor |
| Risk | R013 | The development, testing, and staging environment AMC applications are not independent systems. Existing connections between each may lead to issues when new development is implemented | The team will work to identify a long term solution to separate the applications (AMC & ESSENCE) in each environment. In the short term, they will create and adhere to SOPs and checklists for releasing new builds in each environment  | Monitor |

System Maintenance, Updates and Outages

|  |  |  |  |
| --- | --- | --- | --- |
| **Date(s) Time(s) of Outages/Updates/Patches** | **Estimated Downtime** | **Reason** | **Expected or Unexpected** |
| Thursday 01/05/176:00 AM TO 10:00 AM |    4 hours | Planned Patching – Staging Systems | Expected |
| Thursday 01/12/176:00 AM TO 10:00 AM |    4 hours | Planned Patching – Production Systems | Expected |
| Monday 1/23/20176:00 AM TO 10:00 AM | 4 hours | Planned Patching – Production Systems | Expected |

# Requirements Status and Agile Development Activities (Sub-task 2.3.2 & Sub-task 2.3.6)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Date** | **Last Week's Activities** | **%****Complete** | **Upcoming Activities** |
| Data Flow  | 1/09/2016 | The team continued to conduct quality assurance testing on stored procedures, and monitored Production data flow enhancements. | 97% | The requirements team will continue working with development team to streamline transition to the production environment.  |
| ESSENCE Settings | 11/30/2016 | The development team continued testing of multiple account PIV. The project team met to plan an agenda for in-person meeting with JHU. | 96% | The team will meet with JHU to discuss maintenance and remaining development. Key decisions will be documented. |
| Access & Management Center | 11/30/2016 | AMC Release 1.0.1 was tested to ensure requirements were met. Test plan and results documented and communicated to team for resolution | 97% | The requirements team will conduct testing on the new builds of the AMC and document enhancements/defects as discovered.  |
| Master Facility Table | 11/30/2016 | The team continued development of remaining and changed requirements for MFT updates via Adminer. The project team tested and resolved issues. | 92% | The requirements and data analytics teams will test development and documenting requirement changes as needed.  |
| Reporting  | 11/30/2016 | The team added automatic email functionality to the DataMart report, Daily Data Status report and Reporting database. | 88% | The DataMart dashboard report will be implemented and tested. Feedback will be prioritized. |

# Community Enhancement Requests

| **Enhancement Type** | **Key** | **Summary** | **Status** | **Created** | **Updated** |
| --- | --- | --- | --- | --- | --- |
| Improvement  | REQMTS-446 | AMC – Export/Download Reports | Open | 8/04/2016 | 8/05/2016 |
| Improvement | REQMTS-445 | AMC – Edit Rule Enhancement (Edit data selection) | Open | 8/03/2016 | 8/03/2016 |
| Improvement  | BA-2455 | Add Help Desk Link to My Info tab | Resolved | 8/04/2016 | 12/16/2016 |
| Improvement | BA-2288 | Shared space for jurisdiction and workgroups on R-studio | Open | 7/31/2015 | 4/11/2016 |
| Improvement | BA-2496  | User Profile – Make Organization a Required Field | Resolved | 8/04/2016 | 12/16/2016 |
| Improvement | BA-2952 | Remove potential PII columns from AMC User Report | Open | 12/15/2016 | 01/17/2016 |
| New ESSENCE Feature | BA-2288 | ESSENCE Enhancement - Limit Adder/ Configuration Options | Open | 5/23/2016 | 5/23/2016 |
| New ESSENCE Feature | BA-2287 | ESSENCE Enhancement - Trend Alert Lists | Open | 5/23/2016 | 5/23/2016 |
| New ESSENCE Feature | BA-2286 | ESSENCE Enhancement - Add other variables to the % Completeness Data Quality Report | Open | 5/23/2016 | 5/23/2016 |
| New ESSENCE Feature | BA-2285 | ESSENCE Enhancement - Add Data Quality to Report Manager | Open | 5/23/2016 | 5/23/2016 |