Monthly Technical Status Report

LexEVS Operations and Maintenance
Subcontract No. 16X237
Option Year 2

November 2018
November 1 – November 30, 2018

Submitted by:

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Contents

A.   Technical Overview

Sprint 94 (October 25, 2018 – November 7, 2018) has been completed. In this sprint, the team investigated potential LexEVS security issues that GitHub reported. These potential security issues are related to 3rd party software versions that are flagged as having security vulnerabilities. Additionally, the team set up and performed tests related to a database update as well as made a fix to the URI Resolver build.

Sprint 95 (November 8, 2018 – November 21, 2018) has been completed. In this sprint, there was an NCIt loader issue and a MED-RT issue resolved. There were additional database performance tests performed related to a database update as well as changes to the service 3rd party software versions for our REST service. There was also investigative work to assist the systems team in determining the cause of our test build failures .

Sprint 96 (November 22, 2018 – December 5, 2018) has been started and will be reported on next month.

We also provided continued product maintenance and deployment support across all sprints.

Please see the weekly meeting notes for details:

https://wiki.nci.nih.gov/display/LexEVS/LexEVS+16X237+Weekly+Meeting+Minutes

Issues Resolved Over the Covered Period:

Sprint	Activity	Description/Comments
Sprint 94	LexEVS Development - Sprint 94	LexEVS 6.5 Sprint 94 Stories
Sprint 94	LEXEVS-2020	Loader: Method getIsPreferred returns null for NCI Thesaurus concepts
Sprint 94	LEXEVS-4178	Possible CodedNodeSet restrictToProperties method failure on metathesaurus source MED-RT.
Sprint 94	LEXEVS-4193	Run performance tests of MySQL on DATA DEV for BARRACUDA
Sprint 94	LEXEVSCTS2-301	Update versions of org.apache.httpcomponents
Sprint 94	LEXSYSTEST-124	Investigate Jenkins system build failures at NCI
Sprint 94	URIRESOLV-33	Upgrade Spring Framework versions
Sprint 95	LexEVS Development - Sprint 95	LexEVS 6.5 Sprint 95 Stories
Sprint 95	LEXEVS-2020	Loader: Method getIsPreferred returns null for NCI Thesaurus concepts
Sprint 95	LEXEVS-4178	Possible CodedNodeSet restrictToProperties method failure on metathesaurus source MED-RT.

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B.   New Releases of the Software

Release	Description of the Release

C.   Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D.   Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 96	LexEVS Development - Sprint 96	LexEVS 6.5 Sprint 96 Stories
Sprint 96	LEXEVS-2020	Loader: Method getIsPreferred returns null for NCI Thesaurus concepts
Sprint 96	LEXEVS-4178	Possible CodedNodeSet restrictToProperties method failure on metathesaurus source MED-RT.
Sprint 96	LEXEVS-4193	Run performance tests of MySQL on DATA DEV for BARRACUDA
Sprint 96	LEXEVSCTS2-301	Update versions of org.apache.httpcomponents
Sprint 96	LEXSYSTEST-124	Investigate Jenkins system build failures at NCI
Sprint 96	URIRESOLV-33	Upgrade Spring Framework versions

E.   Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

F.   Status of Deliverables/Milestones Overview

We have created a project wiki site out on Confluence Wiki at:

- https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+16X237+Documents

We have created a JIRA agile board for the LexEVS Development at:

- https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=374&view=planning.nodetail

This table of contents breaks out into different areas to capture the weekly meeting notes, monthly technical status reports, an area for documentation and a summary. This site will evolve throughout the lifecycle of this project.

G. Status of Deliverables

Deliverable/Milestone	Delivery Date	Status
Project Management Plan (PMP)	20 days following Project Kickoff	In Process
Project Financial Plan (PFP)	20 days following Project Kickoff	Complete
Maintenance of Software System	09/30/2017	In Process
Provide Technical Expertise	09/30/2017	In Process
Project Wiki	10/20/2017	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Technical Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2017	Complete
January 2017	02/10/2017	Complete
February 2017	03/10/2017	Complete
March 2017	04/10/2017	Complete
April 2017	05/10/2017	Complete
May 2017	06/10/2017	Complete
June 2017	07/10/2017	Complete
July 2017	08/10/2017	Complete
August 2017	09/10/2017	Complete
September 2017	10/10/2017	Complete
October 2017	11/10/2017	Complete
November 2017	12/10/2017	Complete
December 2017	01/10/2018	Complete
January 2018	02/10/2018	Complete
February 2018	03/10/2018	Complete
March 2018	04/10/2018	Complete
April 2018	05/10/2018	Complete
May 2018	06/10/2018	Complete
June 2018	07/10/2018	Complete
July 2018	08/10/2018	Complete
August 2018	09/10/2018	Complete
September 2018	10/10/2018	Complete
October 2018	11/10/2018	Complete
November 2018	12/10/2018	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Financial Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2016	Complete
January 2017	02/10/2017	Complete
February 2017	03/10/2017	Complete
March 2017	04/10/2017	Complete
April 2017	05/10/2017	Complete
May 2017	06/10/2017	Complete
June 2017	07/10/2017	Complete
July 2017	08/10/2017	Complete
August 2017	09/10/2017	Complete
September 2017	10/10/2017	Complete
October 2017	11/10/2017	Complete
November 2017	12/10/2017	Complete
December 2017	01/10/2018	Complete
January 2018	02/10/2018	Complete
February 2018	03/10/2018	Complete
March 2018	04/10/2018	Complete
April 2018	05/10/2018	Complete
May 2018	06/10/2018	Complete
June 2018	07/10/2018	Complete
July 2018	08/10/2018	Complete
August 2018	09/10/2018	Complete
September 2018	10/10/2018	Complete
October 2018	11/10/2018	Complete
November 2018	12/10/2018	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

H.   Description of Work/Activities Planned for the next Month

Activity	Description
Analyze LexEVS Security Issues	- Github has flagged potential security issues with artifacts associated with our LexEVS project - LexEVS team will investigate these potential security vulnerabilities and discuss with the NCI Systems team what action should be taken.

Activity	Description
Plan for the next LexEVS release(s)	- Create the following releases: 6.5.1.2: loader updates 6.5.2: defect and feature enhancements
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

I.   Additional Reporting

Activity	Description
Sprint Status	- Sprint 94 - Sprint 95 - Sprint 96