

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 2**

June 2022
May 1 – May 31, 2022

Submitted by:

Scott Bauer, Tracy Safran

Date:
June 10, 2022

Contents

- Monthly Technical Status Report..... 1
- A. Technical Overview 3
- B. New Releases of the Software 4
- C. Presentations, Documentation Updates, Community Communication 4
- D. Outstanding Issues Being Actively Worked 4
- E. Critical Risks or External Dependencies 4
- F. Status of Deliverables/Milestones Overview..... 4
- G. Status of Deliverables 5
- H. Description of Work/Activities Planned for the next Month 8
- I. Additional Reporting 8

A. Technical Overview

Sprint 186 (05/May/22– 19/May/22) has been completed. In this sprint, the team continued work to update LexEVS Spring. New Junit tests were developed for the codingSchemeDAO and registryDAO. Work was begun on associationDAO and propertyDAO

Sprint 187 (19/May/22– 03/June/22) Will be completed at the end of this reporting period and has been reported on accordingly. Work continued on the Ibatis to Mybatis migration. Migration was completed for associationDAO, propertyDAO and EntityDAO. Work was begun on the codedNodeGraphDAO. Work has begun on the Spring Batch loader to run under the latest Spring implementation.

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+20X048F+Weekly+Meeting+Minutes>

Issues Resolved Over the Covered Period:

Sprint	Activity	Description/Comments
Sprint 185	LEXEVSCTS2-425	CTS2 Docs Link and Deployment
Sprint 186	LexEVS Development Sprint - 186	LexEVS 6.5 Spring 186 Stories
Sprint 186	LEXEVS-5258	Admin: Provide continued Product Support
Sprint 186	LEXEVS-5259	Create a Testing Strategy for Granular DAO methods
Sprint 186	LEXEVS-5262	Update/Create tests for Registry DAO
Sprint 186	LEXEVS-5266	Coding Scheme Dao Updates and Verification
Sprint 187	LexEVS Development Sprint - 187	LexEVS 6.5 Spring 187 Stories
Sprint 187	LEXEVS-5254	Update ibatis.associations tests
Sprint 187	LEXEVS-5257	Admin: Provide continued Administration Support
Sprint 187	LEXEVS-5264	Create and Validate Tests for Property Dao
Sprint 187	LEXEVS-5267	Admin: Provide continued Administration Support
Sprint 187	LEXEVS-5268	Admin: Provide continued Product Support
Sprint 187	LEXEVS-5269	Update Spring Batch Loads to Run Under Latest Batch Implementation

Sprint	Activity	Description/Comments
Sprint 187	LEXEVS-5270	Update/Test IbatisEntityDao for Mybatis upgrade

B. New Releases of the Software

Release	Description of the Release
Report Exporter 1.1.4.Final	Update footer with HHS Vulnerability link
CTS2 Docs 6.5.5	Update footer with HHS Vulnerability link

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 188	LexEVS Development Sprint - 188	LexEVS 6.5 Sprint 188 Stories
Sprint 188	LEXEVS-5271	Update and test CodedNodeGraphDao
Sprint 188	LEXEVS-5272	Update Value Sets
Sprint 188	LEXEVS-5273	Admin: Provide continued Administration Support
Sprint 188	LEXEVS-5274	Admin: Provide continued Product Support
Sprint 188	LEXEVS-5275	Update System Release Dao To Latest Spring implementation
Sprint 188	LEXEVS-5276	Investigate OWL Loader Performance Problems

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 sites out on Confluence Wiki at:

- <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+20X048F+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/Report+Exporter+Project+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/EVS+Analytics+Dashboard+Project+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	Ongoing	In Process
Provide Technical Expertise	Ongoing	In Process
Project Wiki	10/20/2019	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Technical Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
December 2020	01/10/2021	Complete
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 2021	05/10/2021	Complete
May 2021	06/10/2021	Complete
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	Complete
May 2022	06/10/2022	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Financial Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
December 2020	01/10/2021	Complete
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 201	05/10/2021	Complete
May 2021	06/10/2021	Complete
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	Complete
May 2022	06/10/2022	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Continued support for LexEVS	<ul style="list-style-type: none">Continue to work with the NCI team on new and existing issues.
Continue working to update LexEVS software to Spring 5.3 and the DAO layer to Mybatis	<ul style="list-style-type: none">Complete the migration of each DAO and write Junit tests to ensure functionality
Update batch loader to perform better in the Mybatis framework	<ul style="list-style-type: none">Spring batch is slow under the default Mybatis configuration. Some batch load functionality needs to be rewritten to avoid losing loader performance
Statistics Dashboard implementation	Work with Sumo Logic to get a data replay to replace missing logs for April and before

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none">Sprint 186Sprint 187Sprint 188