

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 1**

October 2020
September 1 – September 30, 2020

Submitted by:

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A. Technical Overview

Sprint 142 (August 27, 2020 – September 9, 2020) has been completed. In this sprint, the team worked on the Report Exporter application. This included adding additional data to the service and UI for determining if an entered concept code is valid, filtering out inactive concept codes, and implementing the documentation page. There was some research done on ways to improve branch resolve service performance. Additionally, the team investigated the LexEVS Metathesaurus load and issues with it consuming a lot of resources.

Sprint 143 (September 10, 2020 – September 23, 2020) has been completed. In this sprint, the team improved the input validation for concept codes and updated the UI to be more user friendly for the Report Exporter application. There were also updates to the LexEVS Metathesaurus load memory footprint.

Sprint 144 (September 24, 2020 – October 7, 2020) 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+20X048F+Weekly+Meeting+Minutes>

Issues Resolved Over the Covered Period:

Sprint	Activity	Description/Comments
Sprint 142	LexEVS Development - Sprint 142	LexEVS 6.5 Sprint 142 Stories
Sprint 142	EVSREPEXP-141	UI: Implement the Documentation link
Sprint 142	EVSREPEXP-142	UI: Put URLs in for all the header/footer links
Sprint 142	EVSREPEXP-144	Investigate solutions for slow performing branch resolution
Sprint 142	EVSREPEXP-162	Jenkins: Modify build to work on Jenkins.
Sprint 142	EVSREPEXP-165	UI: Update the API call to set the levels parameter
Sprint 142	LEXEVS-4954	Metathesaurus memory footprint too large
Sprint 142	EVSREPEXP-141	UI: Implement the Documentation link
Sprint 142	EVSREPEXP-68	Add output for codes in list that are invalid
Sprint 142	EVSREPEXP-140	Filter inactive code from output
Sprint 142	EVSREPEXP-143	Filter Concept Results for Inactive

Sprint	Activity	Description/Comments
Sprint 142	LEXEVS-4954	Metathesaurus memory footprint too large
Sprint 143	LexEVS Development - Sprint 143	LexEVS 6.5 Sprint 143 Stories
Sprint 143	EVSREPEXP-167	UI: Validate data input - entities should be comma separated
Sprint 143	EVSREPEXP-168	Improve button naming and other instructional text for this application.
Sprint 143	EVSREPEXP-169	Build new Tests for Template to WebClient Migration
Sprint 143	EVSREPEXP-176	UI: automatically scroll to top of page
Sprint 143	EVSREPEXP-179	UI: Use UTF encoding to fix wierd characters
Sprint 143	LEXEVS-4966	MetaThesaurus Memory Footprint Adjustment
Sprint 143	LEXEVS-4975	Merge Metathesaurus loader update to 6.5.4.1

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 144	LexEVS Development - Sprint 144	LexEVS 6.5 Sprint 144 Stories
Sprint 144	EVSREPEXP-91	Remove All columns in exports where there is no data to represent
Sprint 144	EVSREPEXP-126	UI: Resolve UI landing page and subdirectory issues
Sprint 144	EVSREPEXP-183	Individual URLs for readCodeEntry, documnetation, resolveBranchEntry does not get loaded

Sprint 144	EVSREPEXP-189	Create Test Suite Around apache POI libraries for Excel Formatting
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E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
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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+20X048F+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
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	09/10/2020	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.

Activity	Description
Support for LexEVS release	<ul style="list-style-type: none"> • Support of LexEVS 6.5.4 release, including loader updates as needed.
Work on Report Explorer	<ul style="list-style-type: none"> • Development on new report exporter application as well as build and deployment. • Make updates to the report exported based on user feedback.

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> • Sprint 142 • Sprint 143 • Sprint 144