



Spider-Man Release Notes

Release Date: June 8, 2024

New Features & Functionality

ProFoRMS Enhancements

- Added a scroll bar and progress indicator to the PSR Landing page table.
- Made the Form Status table in the Reports section scrollable.
- Improved the Reverify error message page while locking the data collection.

Subject Management/GUID Enhancement:

- Started supporting diacritical marks in the GUID tool.

Data Dictionary Enhancements

- Updated tab labels and reorganized their grouping in Data Elements.
- Enabled exporting BRICS CDEs in the NLM NIH CDE Repository template.
- NEI Only - Added consent type filter for Data Dictionary and Data Repository.
- Changed eForms UI to a tabular format.
- Updated action links' icons and export formats for eForms and Form Structures.
- Made changes to the Data Element Mapping Table headers.
- Added a warning for "Configure Question Text" action when a question has not been configured while creating a new eForm.
- Optimized the performance when searching for data elements or form structures.

Data Repository Enhancements

- Added additional columns to the **Study Information Report** for comprehensive view.
- Changed the default display to 'Select One' in the dropdown boxes in the Edit Study's Data Submission.

Tools Module

- Introduced a new module named "Tools" that hosts Submission, Download and Image Processing Tools.

Submission Tool Enhancements

- Updated the Extra Validation bypass keys.
- Did performance optimization for large csv data file.

- Updated the Submission API to return validation output as object with uniform schema rather than string.

Query Tool Enhancements

- Redesigned Query Tool:
 - Updated the look and feel of the Studies, Forms, Data Elements and Saved Queries tab.
 - Updated the look and feel of the Data Table View in the right pane.
 - Redesigned Data Cart UI components.
 - Implemented a new "Join Forms" tab beside the Data Cart for joining forms.
 - Enhanced the look and feel of the Query Tool Logic Box.
 - Added three new filters: 'Show Only My Studies', 'Show Accessible Studies', and 'Show All'.
 - Enhanced the look and feel of the Select Criteria tab.
- Populated empty rows for repeatable groups on form download.
- Added a checkbox to include Associated Files in the Download to Queue popup.
- Enabled display for PV/PVD upon hovering over the filters.
- Removed some forms check against for diagnosis change highlighting in PDBP Only-Query Tool.
- Created QT API Endpoint to get subject demographic data by data elements.

Meta Study Enhancements

- Added a new attribute to Create Meta Study Form to select Study State:
 - The meta study states that can be selected are: 1. Meta Analysis 2. Prospective 3. Retrospective.
- Introduced Data Categories and reworked on the Data Type options.
- Updated the filters in the left pane to reflect the new Data Type options.
- Updated the Data Tables columns to display Study State, Data Type and Data Category.
- Added a new feature for minting Draft DOIs to unpublished Meta Studies at the time of creating new meta study.

Accounts Enhancements

- Updated the language on the Login page to display the acceptable PIV/CAC Smart cards for RAS authentication
 - VA card are now supported along with NIH PIV card and DoD CAC card.
- Added notification on the Log In page in case of NIH Service Outage/Degradation issues.
- Made several UI updates across the Accounts module:
- Implemented a limit on creating Pseudo GUIDs for the Pseudo GUID privilege.
- Updated the Account Request Dashboard to a tabular format.

- Updated the View/Edit Account UI to a tabular format on My Profile and Admin view.
- Updated the Account Renewal Dashboard to a tabular format.
- Converted content in Account Module tabs to card format.
- Updated the names on a few tabs to make it clearer for the users.
- Cleaned up and refactored the back-end code for the Account Module.
- Added and updated action buttons in the Account Module.
- Updated the appropriate pages to display Linked RAS Accounts for the users
 - Added ability for Admins to unlink RAS Accounts.

BRICS UI Enhancements

- Standardized checkboxes across all system modules.
- Began implementing typography tokens for consistent text appearance.
- Updated background color for data tables.
- Optimized Space for Fields and Data-Tables.
- Moved action buttons to the left for data tables for better user experience.
- Enabled users to **Return to Search** results from data tables in Dictionary, Repository and Meta study listing page.
- Renamed the Workspace tab and directed the Home tab to the main Workspace portal.