

Neo – Release Notes (November 4th, 2021)

- **Security Fixes**

We fixed and tested about 30 tickets of High and Medium priority issues found during CIT Penetration Testing. The fixes comprised of the following items at high level:

- Cross Site Scripting(XSS) vulnerabilities - Made significant changes across the platform to protect against malicious users hijacking user's sessions
- Cross Site Request Forgery (CSRF) vulnerabilities
- Insecure Direct Object Reference (IDOR) vulnerabilities
- Removed and replaced old webservice endpoints that were insecure

- **Navigation Changes**

We have improved the look and feel for all the instances on the portal site. Hopefully these changes will make the user experience much better on the portal sites, especially with the menu navigation and finding the tools. We made the following changes:

- Updated the color scheme for PDBP and FITBIR portal
- Updated the Menu, Left Navigation and Filters UI across all the modules

- **Biosample capability for FITBIR**

We introduced the biosample capabilities for the FITBIR instance with this release. FITBIR team has not officially started sample collection but the application is now ready when the program is ready to do so. We made the following changes for this effort:

- Setup SFTP and API calls to get files from IU
- Created new ingestion for FITBIR Biosample csv
- Updated the Query Tool to allow for adding Biosample to the cart
- Enabled and updated the Biosample Order Manager in the Accounts module

- **Updated the eForm Creation Workflow** (currently has been turned off for our instances)

The changes in the eForm creation workflow were made to support CASA/CiSTAR instance users who needed to test the eForm UI, Calculation/Skip Rules from the ProFoRMS module. They would now have the ability to create eForms from unpublished Form Structures and checkout the look and feel and other rules during data collection and make improvements to the FS and eForms if needed. We have added the following updates for this:

- Data Dictionary - Allowed users to create eForm using Draft or Awaiting Publication FS
- ProFoRMS - Users can create Demo Visit Type flow
- ProFoRMS – Users can now perform data collection using draft eForms

- **Library Upgrades**

We upgraded the following libraries for this release:

- JSCH library upgraded from 0.1.53 to the latest
- gson library upgraded from 2.3.1 to the latest

- **Other Neo Enhancements:**

- **ProFoRMS:**

- Deleted the Visit Type and Category fields from Create Visit Type as they were not needed and make Description optional
- Increased the limit for submitting IDs to Admin from 50 Form IDs to 1000 Form IDs

- **Dictionary:**

- Changed the pagination to scroll bar on Search Form Structures and eForms pages. We did NOT do this on the search Data Elements page due to performance issues
- Updated the tool tip for Conversion Factor legend under the eForm builder Added Validation Checks for See Also field for Data Elements

- **Data Repository**

- Improved the filter users feature under the Grant Permissions tab
- Made the Study URL clickable link
- Added a new column “Study Title” to one of the downloadable reports
- Added history/audit log under the Grant Permissions tab
- Swapped the order of the webstart and js tools (both download and submission tool). JS version is now the primary version where as webstart to be deprecated
- Made minor modifications to Manage Study Group’s display order
- Submission Tool - Data Validation Tool now checks for duplicate rows of data and displays error messages for it

- **Query Tool**

- PDBP only - AgeVal column should be hidden for non-Admins in Query Tool
- Made minor tweaks to Query by GUID feature where the selected GUIDS from the search field are prepopulated under the DE filter
- Updated the Query Tool's Download Queue message so that it could be clearly understood by the users

- **Miscellaneous Changes:**

- Added a couple of new instances: BRICS Extramural and Intramural instances to support internal demos and NIA BRICS pilot
- Added the Vulnerability Disclosure link to NEI Public and Portal site pages
- Added Staffing page on the BRICS site with Team Members' pictures