

Phoenix – Release Notes (October 29th, 2022)

ProFoRMS

The following work was done for the ProFoRMS module:

- Synchronized the Scheduled Visit Dates with the My Collections Date so that when the user updates the date under the Scheduled Visit Date, it gets reflected under My Collections data table
- Several UI updates were made under ProFoRMS:
 - Moved the filters from majority of ProFoRMS pages to the left pane
 - Enhanced the display format for eForm listing on Create/My Visit Types page
 - Widened the fields under Assigned Roles page for better visibility
 - Cleaned up a few of the redundant attributes/fields from Subject information that were not being used
- cdRNS – Added/Enabled the Completed Visits report for the cdRNS instance

Subject Management/GUID

- Added a new feature to associate a GUID/Pseudo GUID with the research study. This allows the users to view and select the GUIDs created by their study team under the ProFoRMS module
- Made Pseudo GUID creation a permission based option. Earlier everyone with the GUID privilege was able to create Pseudo GUIDs. Now it is a separate new permission under the Accounts module
- Centralized GUID Interface/Super Admin Panel – New interface was created for displaying GUIDs from all the instances that are part of centralized GUID. The admins can view GUIDs that are common across instances as well as see the GUID Registration, Related GUIDs and History Log

Data Dictionary

- **Data Elements** – Mapping for other Biomedical Standards
 - Added Concept Name, Concept Identifier and Terminology Source attributes at the Data Element level and also at the Permissible Values level for capturing/mapping the biomedical industry standards like UMLS, LOINC, SNOMED, RxNorm
 - The users can add up to 3 sets of attribute for Data Element and 1 for the Permissible Value for capturing the above attributes
 - Updated the Data Element Import template to include the new attributes for bulk import
 - Added the capability to search for the new attributes from the Data Element Search page
 - Updated the delimiters to be pipes instead of semi colons

- **Data Elements**
 - Made the Classifications> Domain and Sub Domain optional fields. Earlier they were required
- **Form Structure**
 - Added the new data types under the Form Type list. The updated list has Clinical, Pre-Clinical, Biosample, Imaging and Other Omics
- **Create eForm/eForm builder**
 - eForm builder has a new skip rule for adding auto populated answers
 - View eForm has new features for seeing the set calculation rule and also for testing the eForms before it's published and added to a protocol
 - Added Audit Logs for logging changes made to the Calculation Rules or Skip Rules after eForms gets Published
 - Hover over message for email trigger has been updated
- Date Range Filters have been added to the Form Structure and eForm Search pages
- **UI Updates - Data Elements and Form Structure View** will now display new tabular structure to display the components/sections. These used to be accordions and the users needed to scroll down the page to view the content. Now the tabs are available at the top of the page for better user experience

Data Repository

The following changes were made under the Data Repository module:

- **View Studies Table**
 - View will now display new tabular structure to display the components/sections. These used to be accordions and the users needed to scroll down the page to view the content. Now the tabs are available at the top of the page for better user experience
- Fed Reporter links were updated so that the Grant IDs point to the correct URL
- Added the new Data Type under the search criteria
- **Edit Studies**
 - Added the capability to edit Flag and Description for uploaded datasets
- **Reports**
 - Added a new report – Study Submission Report
 - Enhanced the Data Access Reports under View Study page and also update the Study Access Report to display multiple new columns
- **Submission Tool**
 - Updated the Extra Validation Keys
- **Download Tool**
 - Users associated with the study should be able to download the archived data now
- **PDBP Biosample – Updated the BioSend catalog file to search and compile on additional criteria**

Query Tool

- Added the Subject Count to the Study and Form Structure container in the right pane so that users get the visibility on the size of the study
- Updated filters for Data Types (Pre-Clinical, Clinical, Biosample, Imaging and Other Omics) in Query Tool

Accounts

- Introduced the Lock and Deactivate feature for accounts where the system automatically locks the users and deactivates after certain time frame in case of inactivity
- Added a new Accounts Details report that provides holistic view of user privileges across the various modules
- Added the new FORUM privilege to the list of accounts privileges
- Introduced the email capability for sending out the message when password gets updated under the accounts module
- Added flags for excluding the users from the download access report
- Updated the telephone number fields for the biosample forms so that they can take in international numbers

Security Vulnerabilities

- Updated Apache Shiro in cas jdbc support to 1.9.1
- Fixed the security vulnerability for Swagger

Technical Upgrades/Spikes

- Updated the gson library to 2.9.1
- Updated the HikariCP library to 5.0.1
- Migrated static resources to the Static Resources Service
- Initiated the spike/proof of concept work for upcoming RAS integration
- Updated and created a few of the API end points for Study Search initiative

Public Site – To Be Deployed in PROD Late November/Early December (Exact Date TBD)

- FITBIR Public Site - Added links for downloading data for the graphs in csv format for the FITBIR Visualization Page> Data Flow
- FITBIR Public Site – Added a new tab FORUM for group discussion and integrated the Drupal view with CAS login for this workflow
- cdRNS Public Site – Automated the process for the Public Site to show new studies and Data Shared for the studies without using DRUPAL