Logilab-ELN

V 6.7.2

Release Notes

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1. **Application Version**:

Logilab ELN - V 6.7.2

1. **Introduction**:

The objective of this document is to highlight the changes made in the Logilab ELN Application, scheduled for deployment on 22-February-2024 on Logilab ELN module.

1. **New Features Description**:

* **ELN-2592** Inventory-->Need to restrict the editable option for Inventory data type inside the Masters screen.
* **ELN-4868** Switch Multi Site--> Need to implement switch multi-site concept for a particular user.
* **ELN-3766** Validation on move folder in sheet order.
* **ELN-4017** Ability to add comments next to every step in a protocol. When someone comments on a protocol step the protocol should show their profile name and date and time of comment.
* **ELN-4242** Inventory add field-->Need to implement edit and delete button inside the add field in the material category.
* **ELN-4712** Protocol Template & order history design changes
* **ELN-4715** Add Functionality in storage location on the material inventory screen.
* **ELN-5002** Protocol Workflow--Need to implement the separate workflow for protocol order and template screen.
* **ELN-5006** Some default node choice in dropdown - Storage location nodes: Building Floor Room Refrigerator Deep Freezer Rack Tray Box Well Plate
* **ELN-4817** Protocol Templates will have a full redesign to a section-based interface. The UI will be redesigned using HTML.
* **ELN-4818** When we open a protocol, the name of the protocol, category, creation date, author, workflow status etc. will be displayed as a card on the top of the protocol.
* **ELN-4819** Followed by the protocol details, a new text section called ‘Abstract’ will be added.
* **ELN-4820** The Abstract section will be used to enter the text description / explanation about the protocol template. When we click the ‘EDIT’ button inside the abstract section, the Froala Text Editor will be opened.
* **ELN-4821** Above the Abstract section, users will be able to select from three different options > Steps, Materials, References
* **ELN-4823** When the user clicks on the ‘References’ button the system will display a list of reference links, Citations, images and attachments related to the protocol.
* **ELN-4824** When the user clicks on the ‘Steps’ button the system will display the list of steps within the protocol along with the Abstract.
* **ELN-4825** Each Protocol will have multiple steps with each step containing multiple sections within it.
* **ELN-4826** By Clicking on the ‘New Step’ button users will be able to create a new step within the protocol. The system will ask the user for the step name.
* **ELN-4827** Protocol-->Each step will be automatically numbered as 1,2,3 and so on.
* **ELN-4828** Users will have the option to add multiple sections within each step.
* **ELN-4829** Each section will be based on a specific section type. List of section types are as below: Text, Image, Spreadsheet, Table, Attachment, Inventory, Results, Charts, Instrument data, Equipment and Well Plates.
* **ELN-4830** By clicking on ‘New Section’ user will be able to insert a section inside a particular step
* **ELN-4831** After clicking on the new section, the system will ask the user for the section name and section type. The user will be able to choose a section type from the list of available types.
* **ELN-4832** After selecting the section type, when the ‘Add Section’ button is clicked the corresponding section will be added within the current step.
* **ELN-4833** All sections will be automatically numbered with decimal numbers corresponding to the step number. For e.g.) If the step number is '2’, the sections within this step will be 2.1, 2.2, 2.3. and so on.
* **ELN-4834** When the user inserts a ‘text’ section type, users will be able to add text within these sections by clicking on the ‘edit’ icon. When the icon is clicked the Froala editor will open allowing the user to type in Text based and numerical entries.
* **ELN-4835** When the user inserts an ‘image’ section type, an image insert section in HTML will be added. By clicking on the ‘add image’ icon the system will allow the user to select images from their local system as well as images.
* **ELN-4881** In the procedure section, input fields are added within Froala such as text box, drop down etc. will be available as fillable fields in HTML once saved.
* **ELN-4882** Each entry within the procedure section will count as a ‘sub-step’ within the section.
* **ELN-4884** The system will allow the user to add columns and set different data types for each column such as text, number, date, dropdown, checkbox etc. Only the selected data type can be entered as input within the specified column.
* **ELN-4888** The user will have the ability to define the used inventory items during both template creation as well as order processing.
* **ELN-4889** The system will have the ability to record the used quantity of the selected inventory only during order processing.
* **ELN-4890** The used quantity will be automatically deducted from the total available quantity of the inventory item.
* **ELN-4895** When the user inserts a ‘spreadsheet’ section type a spreadsheet insert section will be added. By clicking on the ‘add spreadsheet’ icon the system will allow the user to open the kendo spreadsheet within the section.
* **ELN-4896** The system will allow the user to open existing approved sheet templates within the spreadsheet section.
* **ELN-4897** The system will allow users to create charts within the spreadsheet section.
* **ELN-4898** The system will allow users to insert general and instrument fields within the spreadsheet section.
* **ELN-4899** The system will allow users to upload instrument files for parsing within the spreadsheet section.
* **ELN-4901** The spreadsheet will have a full screen option to view and edit the sheet in full screen.
* **ELN-4902** When the user inserts a ‘chemical drawing’ section type, the Kekule JS structure drawing tool will be opened allowing the user to draw chemical structures. Clicking on the ‘insert’ button will insert the drawing within the section as an image.
* **ELN-4903** When the user inserts a ‘signature’ section type, a grid-based HTML layout will be inserted. By clicking on ‘add signature’ users will their e-signature within the grid. The signature section will display the username, user role, sign.
* **ELN-4904** The system will have an option to set a mandatory signature/counter-signature (2 signatures from 2 different people) to complete the protocol.
* **ELN-4905** The system will have a ‘Results’ section on the bottom of the protocol.
* **ELN-4906** The system will allow the user to enter different data types such as text, table, attachment, image, signature etc. within the results section.
* **ELN-4908** The system will allow sections to be added within ‘results’ both during template creation and order processing.
* **ELN-4917** Users will have the option to rearrange steps and sections within the protocol.
* **ELN-4918** Users will have the option to insert a step or section in between existing steps or sections.
* **ELN-4919** Users will have the option to copy/export/ delete selected steps or sections.
* **ELN-4920** Ability to insert steps from other protocol templates within the current protocol template.
* **ELN-4922** Users will be able to tag each other within protocol steps, sections and comments using the @ command. The tagged user can be any person who has access to the project.
* **ELN-4923** When a user is tagged, they will receive a notification about the tag along with the name of the person who tagged them. Clicking on the notification will redirect the user to the protocol which contains the tag.
* **ELN-4925** Implementation of audit trail history records in the new Protocol Templates/Orders screen.
* **ELN-4927** Ability to export selected steps or entire protocol as a PDF or JSON file.
* **ELN-4931** The protocol will have a ‘Table of contents’ section on the left side with a list of steps and sections that users can click for quick navigation to that section of the protocol.
* **ELN-4933** The system will have the ability to lock a protocol template/order to prevent other users from modifying the contents of the protocol.
* **ELN-4938** The system will have the option to add dynamic material types inside the material type screen. Each material type should support adding dynamic fields.
* **ELN-4939** The sample master screen will be brought in as one of the default material types in addition to standard, volumetric etc.
* **ELN-4940** There will be an additional material type called ‘Equipment’ which will be available by default.
* **ELN-4945** The materials screen will have a default filter called ‘All’ for material type and category which will display all the available materials within the system.
* **ELN-4946** There will be a search option available in the materials screen which will allow users to search materials based on name, category, type, and other parameters.
* **ELN-4947** All materials within the inventory will be separated based on the site that the user is logged into.
* **ELN-4948** The system will display a list of different storage locations on the left side of the screen and display all the materials stored within that location on the right side of the screen in a grid.
* **ELN-4949** The user will be able to view the available materials and their respective quantities by clicking on each storage container.
* **ELN-4950** When the user adds stock for a new material, the system will ask for the storage location as a mandatory option.
* **ELN-4951** If the user does not want to use a custom storage location, there should be an option called ‘Default’ which the user can use.
* **ELN-4952** If a custom storage location is chosen, the system will allow the user to drill down and select the location where the material will be stored.
* **ELN-4954** Once the user clicks on ‘Submit’ the material stock will be stored within the selected location.
* **ELN-4956** Material Status color coding new implementation are listed.
* **ELN-4957** There will be a default option called ‘All’ which will display all the materials stored within all storage locations.
* **ELN-4958** The material inventory grid will have the following parameters: Inventory ID, Material Name, Material Category, Date added Expiry Date (If applicable, or else will be blank) Available Quantity Status
* **ELN-4959** There will be a search option available in the material inventory screen which will allow users to search materials based on name, category, type and other parameters.
* **ELN-4960** There should be an option called ‘Restock’ within the material inventory. When a material is selected and the restock option is clicked, the user will be able to add the required quantity and re-add stock for the material.
* **ELN-4961** There should be an option called ‘Dispose’ which will allow the user to dispose of inventory items. When an inventory item is discarded the user will not be able to use this material for transactions anymore.
* **ELN-4963** The inventory transactions & usage history will be moved to a separate screen called 'Transaction History. '
* **ELN-4965** In the transaction history screen, user should be able to filter materials based on type, category, sheet/protocol orders / logbooks and based on tasks.
* **ELN-4966** The system should also allow the user to filter the transaction history based on a date range.
* **ELN-4589** Material Inventory-->Need to Implement Barcode in Material inventory screen.
* **ELN-4880** Protocol-->When the user inserts a ‘procedure’ section type an attachment insert section in HTML will be added. The system will allow the user to type multi step procedures using the Froala editor within this section.
* **ELN-4883** When the user inserts a ‘table’ section type a table insert grid in HTML will be added. By clicking on the ‘add row’ icon the system will allow the user to select the number of rows required for the table.
* **ELN-4893** The system will allow users to create new samples and store them within the inventory during order processing.
* **ELN-4900** The system will allow users to import JSON and Excel files within the spreadsheet section.
* **ELN-4907** The system will allow the results section to be filled with data only during protocol order execution.
* **ELN-4928** The system will allow the user to compare 2 versions of the protocol to track changes made between the two versions. The steps where changes were made must be highlighted in a red color.
* **ELN-4934** The system will have the option to duplicate steps and sections within the protocol.
* **ELN-4941** In the Equipment Material type, things such as Maintenance due date, calibration due date, Equipment ID should be added as default fields.
* **ELN-5004** Report-->Need to remove the Report part from user rights and audit trial configuration screen. Add the Inventory screen manual/silent audit button option in audit trial configuration.
* **ELN-5005** Dynamic Protocol Order-->Dynamic protocol order register should only display default template for registration, need to remove the task mapped template in the dynamic protocol order register.
* **ELN-5007** Barcode-->Generate barcode for every Material inventory Record.
* **ELN-5008** Barcode-->Scan to filter record in the Barcode.
* **ELN-5010** Barcode-->Need a Print option in barcode.
* **ELN-5011** Barcode-->Need an option to Link barcode into the material ID.

1. **Enhancement & Bug Fix:**

* **ELN-4201** Completed order Button-->Complete button is missing for the existing approved order.
* **ELN-4710** Retirement records should be displayed on the grid with retirement status.
* **ELN-4770** Material & Material inventory-->Both the screens are not opening only on manually created site (loading long time)
* **ELN-4805** Inventory-->supplier-->can be able to save supplier without adding address.
* **ELN-4837** Inventory-->add, edit & delete button is missing in material grade, supplier and manufacturer.
* **ELN-4838** Logbook-->cannot be able to save logbook.
* **ELN-4975** On deleting a sub parser field which is a single sub parser field, the main field details must be deleted along with it.
* **ELN-4976** In evaluation parser if we upload a file with empty content in one of the parsed fields wrong alerts is displaying
* **ELN-4977** While using CSV conversion, splitting a field with comma and then merging the same data with comma evaluation works fine. But on uploading a different file in evaluation, wrong alert is displaying.
* **ELN-4978** While using txt conversion, in the specified file alone, on selecting multi parser (result with space), in preview mode, the data is getting collapsed (data after empty columns are moving to front column).
* **ELN-4999** Protocol order-->cannot be able to register protocol order in manually created site.
* **ELN-5000** Protocol Template-->Save not working in protocol template and getting an error in the console.
* **ELN-5077** License issue-->The user master and organization records are mismatched; the concurrent license update will be displayed for named license.
* **ELN-5031** Save-->Need to remove the save validation for approved protocol template, once the template is approved the save is greyed out. it should be available for versioning and reapproval.
* **ELN-5032** Protocol order-->when we open an order using open in new tab option, the close button is present need to remove the close button.
* **ELN-5033** Save validation-->Getting an error when I insert an editor and click save in the protocol order screen.
* **ELN-5034** storage location------>When I login with capital letter(username) the created by name is shown in capital letter and when I login with small letter (username) the created by name is shown in small letter.

1. **Limitations and Known Issues**:

* **ELN-5009** Barcode-->Scan to add in material inventory, protocol and sheet.
* **ELN-5016** Need a default folder for cancelled orders (Sheet and Protocols).
* **ELN-5017** In folder structure when the file is trying to be uploaded on default path, avail a screen to choose the destination path in which the file is to be stored (Sheet and Protocols).
* **ELN-5035** Right click options for new folder within Project, task folders and user created folders.
* **ELN-5037** Folder, order and file search on top of the folder, Move inside near to bread crumps.
* **ELN-5038** Ability to register orders within subfolders in the tasks folder and user selected folders.
* **ELN-5040** Open in new tab for template master (sheet and protocols)

1. **References and Related Documents**:

* Email correspondence to Logilab ELN team.

**Document Approval**

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