Project Creation Features Update

project type, category type, integrated and standalone APIs development

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# Product Overview

Lanstad is a tailor-made publishing project management cloud platform designed to streamline and simplify the process of managing publishing projects. The platform provides a centralized platform for users to manage all aspects of their projects, including project organization, task management, and collaboration with team members.

## Lanstad: Existing Features

1. Project Management: Lanstad’s project management feature provides users with an easy-to-use interface for organizing and tracking their publishing projects. Projects can be created, managed, and monitored from a single location, making it easy for users to stay on top of their work.
2. Task Management: Lanstad’s task management feature allows users to break down their publishing projects into smaller, manageable tasks. These tasks can be assigned to team members, tracked, and marked as complete, providing a clear picture of project progress.
3. Collaboration: Lanstad’s collaboration feature makes it easy for team members to work together on publishing projects. Users can communicate with one another, share files, and receive notifications when tasks are updated or completed.

## New Features Request

1. Project and Category Type: Two Drop-Down Lists

To further improve the project management capabilities of Lanstad, a new feature has been added to allow users to categorize their projects into specific types. The two drop-down lists for project and category type will be integrated into the existing platform, making it easy for users to categorize and manage their projects.

1. Metadata Update, File Naming, and Artwork AI Process Triggers in Checkboxes

The second new feature for Lanstad is the addition of checkboxes for metadata updates, file naming, and artwork process. These check boxes will allow users to quickly and easily manage the various aspects of their publishing projects. When clicked, these checkboxes will trigger a composite API that utilizes AI-based development to streamline the project management process. The composite API will be a separate development effort, integrated into the Lanstad platform to automate the tasks of metadata update, file naming, and artwork process.

1. File Naming, and Artwork Process Triggers: Individual APIs  
   for User On-Demand through Tasks

In addition to the composite API above, the metadata update, file naming, and artwork process triggers will also be designed as individual APIs. These individual APIs will be configurable on the respective tasks, allowing users to start these processes when needed. The individual APIs will require front-end and back-end development to provide users with a seamless experience.

## Development Requirements

### Project and Category Type Selection

Frontend Development: The front-end development will focus on creating an intuitive user interface that allows users to easily trigger the individual APIs. This will involve designing a new interface for the add project page, integrating the individual APIs into the platform, and testing the new features to ensure they are functioning as expected.

* Design and implementation of two drop-down lists for project and category type selection in the “Add Project” pop-up window
* Adherence to the Lanstad design standard

Backend Development:

* Pass the selected values from the drop-down lists as payload to the backend upon clicking the upload button along with project creation request

### Metadata Update, File Naming, and Artwork AI Process Triggers in Checkboxes

Frontend Development

* Design and implementation of horizontal checkboxes for the individual process triggers
* Adherence to the Lanstad design standard

Backend Development

* Pass the selected checkboxes as payload to the backend upon clicking the upload button
* Design and implementation of a composite API for Metadata Update, File Naming, and Artwork AI Process Triggers (selected)
* The API should be triggered by the user via the project page
* The API should run as a composite process, where all the individual processes or any of the selections (Metadata Update, File Naming, and Artwork AI Process) are executed in a defined order
* The API should be integrated into the Lanstad platform

### Metadata Update, File Naming, and Artwork Process Triggers: Individual APIs for User On-Demand

Frontend Development:

* Design and implementation of buttons for the individual process triggers on tasks
* Adherence to the Lanstad design standard

Backend Development:

* Design and implementation of individual APIs for Metadata Update, File Naming, and Artwork AI Process Triggers
* The APIs should be triggered by the user on demand from the respective tasks (via a button configured on the respective tasks)
* The backend should collect the submission as a payload and trigger the respective AI APIs
* The APIs should be integrated into the Lanstad platform

AI Backend Development: The back-end development will focus on developing the individual APIs and integrating them into the Lanstad platform. This will involve writing the code for the individual APIs, testing the APIs to ensure they are functioning correctly, and deploying the APIs to the production environment.

## Implementation Details

* The drop-down lists will be populated with predefined values, which can be configured by the account manager.
* The selected values will be stored in the database and displayed on the project details page.
* The values in the drop-down lists can be modified or added as needed by the account manager.

## API Integration

* APIs will integrate the project and category-type features into the Lanstad platform.
* The APIs will be triggered by selecting the values from the checkboxes on the add project pop-up window.
* The APIs will update the database with the selected values, which will then be displayed on the project details page (optional).

# Conclusion

The project and category type and metadata update, file naming, and artwork process features will greatly improve the user experience in Lanstad, making the process of managing and publishing projects easier and more efficient. The integration of these features through APIs will ensure a seamless and streamlined workflow for users.