

MentorPRO Document Manager Plugin

Developer & Administrator Documentation

Overview

This WordPress plugin provides secure document upload and sharing functionality between mentees, mentors, and program managers (PMs) within the MentorPRO platform. It enforces client-based visibility and supports both role-wide and targeted sharing, with an intuitive UI for upload, browsing, and search.

Key Features

- Secure file upload with type, size, and nonce validation
- Role-based sharing (mentees→mentors/PMs, mentors→mentees, PMs→mentees)
- Automatic sharing: mentee → mentor also shares with all PMs
- Tabbed document UI with DataTables integration
- Drag-and-drop uploads with file preview and error alerts
- Select2 dropdowns with 'Select All' toggles
- Per-tab live search and client-based visibility

Meta Fields

Each uploaded document is stored as a WordPress post (type `uploaded_document`) with metadata controlling visibility and sharing rules:

document_url: Full URL of the uploaded file

document_type: File extension (pdf, docx, png, etc.)

assigned_client: Client group, restricting visibility to the same client

document_roles: Serialized array of role tokens granting visibility to all users in that role

document_user_mentee: Array of mentee IDs for specific targeting

document_user_mentor: Array of mentor IDs for specific targeting

document_user_contract: Array of PM IDs for specific targeting

Core Functions

wpd_handle_document_upload(): Handles validation, upload, and metadata updates. Also applies the auto-share rule for mentees → mentors → all PMs.

mpro_render_document_tabs(): Renders the tabbed interface for uploaded/shared documents.

mpro_build_query_args(): Generates WP_Query filters based on role and tab context.

display_document_list(): Renders document tables with sorting, role display, and delete actions.

build_user_checkboxes(): Renders Select2 dropdowns for choosing users, with 'Select All' and hidden share flags.

JavaScript Functionality

The `assets/js/scripts.js` file powers all frontend interactivity, including Select2 dropdowns, tab switching, drag-and-drop uploads, per-tab search, and DataTable initialization. It ensures non-destructive reinitialization and supports dynamically loaded content.

Role Behavior

Mentees can share with mentors and PMs. Mentors share with mentees. PMs can view all shared content within their client group. When a mentee shares with any mentor, that file automatically becomes visible to all PMs of the same client.

Security

- Nonce validation using `wp_verify_nonce()` - File size/type validation with `wp_check_filetype()` - Authenticated uploads only - Role-based access enforcement - Files stored under `uploads/mpro-document-manager/`

Dependencies

- Select2 — user selection interface
- DataTables — sortable/searchable tables
- SweetAlert2 — upload error modals
- jQuery — bundled with WordPress

Future Enhancements

- Bulk download and export options
- Inline PDF preview
- Document categorization or tagging
- Share expiry dates
- Email notifications on new shares

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