

Article Controller Documentation

Purpose of ArticleController

- Handles HTTP requests and responses for article-related operations.
- Acts as a bridge between routes and ArticleService.
- Performs request validation and error handling.

1. submitArticle (Guest)

- Public endpoint (no authentication).
- Accepts article details and PDF upload.
- Validates request using articleSubmissionSchema.
- Calls submitArticle service.
- Returns success message and article data.

2. assignEditor (Admin)

- Protected endpoint (Admin only).
- Validates article ID and editor assignment data.
- Calls assignEditor service.
- Returns assigned editor details.

3. approveArticle (Editor)

- Protected endpoint (Editor only).
- Approves an article directly.
- Calls approveArticle service.
- Returns approval confirmation.

4. uploadCorrectedPdf (Editor)

- Protected endpoint (Editor only).
- Accepts corrected PDF upload.
- Validates comments and PDF file.
- Calls uploadCorrectedPdf service.
- Sets article to pending approval.

5. listArticles (Admin / Editor)

- Protected endpoint.
- Supports query filters (status, category, editor).
- Calls listArticles service.
- Returns paginated article list.

6. getArticlePreview (Public)

- Public endpoint.
- Returns limited article details.
- No PDF or revision access.
- Encourages login for full access.

7. getArticleById (Authenticated Users)

- Protected endpoint.
- Returns full article details.
- Only approved articles are accessible.

8. downloadArticlePdf (Authenticated Users)

- Protected endpoint.
- Returns PDF URL for download.
- Only approved articles.

9. deleteArticle (Admin)

- Protected endpoint (Admin only).
- Deletes article permanently.
- Returns success message.

Controller Responsibilities Summary

- Request validation
- Authentication & authorization enforcement
- Delegating business logic to services
- Formatting HTTP responses