|  |  |  |
| --- | --- | --- |
| Model | View | Controller |
| NewsReport | EditorLogin | EditorAuth |
| Editor | NewsReportReview | NewsReportReviewSubmission |
| ReviewFeedback | PublicationStatusUpdate | PublicationDecision |
| PublicationStatus | ReviewFeedbackForm | PublicationScheduling |
| NewsCategory | ScheduledPublications | ReviewFeedbackProcessing |
| PublicationQueue | ScheduledPublications | ReviewFeedbackProcessing |
| AuditTrail | AuditTrailView | AuditLogging |

Relationships and Dependencies:

* EditorAuth relies on the Editor model to authenticate users, ensuring that only authorized editors can review and publish news reports.
* NewsReportReviewSubmission and PublicationDecision controllers interact with the NewsReport and ReviewFeedback models to update the report's status and record editorial feedback.
* PublicationScheduling works closely with the PublicationQueue model to organize and prioritize news reports for future publication.
* AuditLogging controller depends on the AuditTrail model to log all actions taken by editors for accountability and transparency.

w

Functionality Description

Model Components:

* NewsReport: Represents individual news articles, including content, author, and submission details.
* Editor: Stores information about editorial staff, including credentials and permissions.
* ReviewFeedback: Records editors' comments and suggestions on news reports.
* PublicationStatus: Tracks the current status (e.g., under review, approved) of news reports.
* NewsCategory: Categorizes news reports into thematic areas such as politics, sports, etc.
* PublicationQueue: Manages the scheduling of approved news reports for publication.
* AuditTrail: Logs editorial actions for record-keeping and review.

View Components:

* EditorLogin: Interface for editor authentication.
* NewsReportReview: Enables editors to review, comment on, and approve or reject news reports.
* PublicationStatusUpdate: Displays the current publication status of news reports.
* ReviewFeedbackForm: Allows editors to enter feedback on news reports.
* ScheduledPublications: Lists news reports scheduled for publication.
* AuditTrailView: Shows a log of all editorial actions taken on news reports.

Controller Components:

* EditorAuth: Manages authentication of editors attempting to log in to the system.
* NewsReportReviewSubmission: Handles the submission of editorial reviews and feedback.
* PublicationDecision: Processes editors' decisions to approve or reject news reports for publication.
* PublicationScheduling: Organizes the timing and order of news report publications.
* ReviewFeedbackProcessing: Implements the workflow for sending feedback to reporters.
* AuditLogging: Records all editorial actions for future reference.

Use Case Flow

* Login: An editor logs into the system through the EditorLogin view, with the EditorAuth controller validating their credentials against the Editor model.
* Review News Reports: The editor accesses a list of submitted news reports via the NewsReportReview view. Each report's details are pulled from the NewsReport model.
* Provide Feedback: Using the ReviewFeedbackForm, the editor enters feedback for the reporter, which is processed by the ReviewFeedbackProcessing controller and stored in the ReviewFeedback model.
* Make Publication Decision: The editor decides whether to approve or reject the news report for publication. This decision is managed by the PublicationDecision controller, which updates the PublicationStatus of the news report.
* Schedule for Publication: If approved, the news report is added to the PublicationQueue for scheduling, handled by the PublicationScheduling controller.
* Audit Logging: All actions taken by the editor are logged by the AuditLogging controller into the AuditTrail for transparency and record-keeping.