User Stories Report

Project: JDocMan-V3

Total Stories: 9

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Story 1:　　　　High Priority　　　　　　　　US-004

As a Reader/Verifier, I want to verify digital signatures and see the result in the UI, so that I can confirm document authenticity and integrity.

Acceptance Criteria:

- Given a document or version containing digital signature(s), the system processes signature verification and returns a determination for each signature: valid, invalid, or unverifiable (FR-SIGN-001, SR-SIGN-001).
- The verification result is presented to the user in the UI associated with the document or version (FR-SIGN-002, IR-UI-003).
- If a document has no signature or a corrupted signature, the UI indicates absence/invalidity without modifying the document content (FR-SIGN-001, FR-SIGN-002).
- Digital signature objects and their verification status remain associated with the specific document or version and are retrievable (FR-SIGN-003, LDR-ENT-002).

Story 2:　　　　High Priority　　　　　　　　US-005

As a Records Clerk, I want to ingest scanned documents via the scanning management UI, so that scanned content is managed within the system.

Acceptance Criteria:

- The scanning management UI provides a workflow to ingest a scanned document into the system (IR-UI-004, FR-SCAN-001).
- Upon successful ingestion, the scanned document is stored as a managed document and becomes available for viewing/editing per permissions (FR-SCAN-001, FR-DOC-001).
- The system reports ingestion success or failure to the user; failures do not create partial or corrupted document records (IR-UI-004, FR-SCAN-001).

Story 3:   **High Priority**   US-006

As a Security Administrator, I want all document operations to require authentication and enforce authorization, so that document management is highly secure.

Acceptance Criteria:

- Editing, version retrieval, signature verification, and scanning ingestion operations are denied for unauthenticated requests (FR-SEC-001, SR-SEC-001).
- Authorized access is enforced such that users lacking permission cannot perform the corresponding operation (FR-SEC-001, SR-SEC-001).
- Security controls are consistently enforced across UI and programmatic interfaces (FR-SEC-001, SR-SEC-001).

Story 4:   **High Priority**   US-007

As an Editor, I want documents and their version histories to persist across sessions, so that I can return later to continue work.

Acceptance Criteria:

- After saving, the latest document content is retrievable in subsequent sessions (FR-DOC-001).
- The version history for a document remains available after user logout and system restart (FR-DOC-001).
- Retrieving a specific version returns the exact stored content and associated metadata (FR-VERS-002, FR-VERS-003).

Story 5:   **Medium Priority**   US-008

As an Integrator, I want programmatic interfaces to editing, versioning, signature verification, and scanning ingestion, so that external systems can integrate with core functions.

Acceptance Criteria:

- A documented API is available to create/read/update documents; list versions and retrieve a specific version; initiate digital signature verification and fetch results; and submit a scanned document for ingestion (IR-API-001).
- API requests require authentication and enforce authorization in alignment with security controls (IR-API-001, SR-SEC-001).
- API responses indicate success or failure in a machine-readable manner (IR-API-001).

Story 6: Medium Priority US-009

As a Records Clerk, I want the system to accept scanned documents from external scanning sources, so that ingestion can be automated.

Acceptance Criteria:

- The system can be configured to accept scanned documents from an external source via a defined interface (IR-EXT-001, SR-SCAN-001).

- When an external source submits a scanned document, the system ingests it and creates a corresponding managed document (IR-EXT-001, FR-SCAN-001).

- Invalid or unprocessable inputs from the external source are rejected with a failure response and do not create document records (IR-EXT-001, SR-SCAN-001).

Story 7: Medium Priority US-010

As a User, I want AI-driven capabilities applicable to document management, so that I can perform document-related tasks more effectively.

Acceptance Criteria:

- At least one AI-driven capability relevant to document management is available within the system (FR-AI-001, SR-AI-001).

- The AI capability can be invoked by a user for a selected document and returns a viewable output (FR-AI-001, SR-AI-001).

- Invocation and access to AI capability follow the system's authentication and authorization controls (SR-SEC-001).