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Create Technical User Stories & Acceptance Criteria:

Translate requirements into detailed, prioritized user stories with testable acceptance criteria—this will help in sprint planning and QA later

Here are examples of detailed user stories and acceptance criteria for the "stores" (meaning master data entities and workflow storage modules) in your compliance platform. These are mapped to key components: Partner Store, Product Store, Order/Transaction Store, Rule Store, Audit Store, and License Vault. [1] [2] [3]

User Stories and Acceptance Criteria for Each Store

1. Partner Store

User Story:

As a compliance analyst, I want to add, view, update, and inactivate trading partners so that I can maintain accurate, up-to-date profiles for screening and auditing.

Acceptance Criteria:

- Must support bulk upload and single entry (UI/API) of partner records.
- Each partner record must have unique ID, name, address, country, type, and status fields.
- Partner can be linked to alerts, sanctions screening, and historical transactions.
- Deactivated partners are not available for future transactions but remain in historical logs.

2. Product Store

User Story:

As a master data manager, I want to maintain a detailed catalog of products including HS/ECCN codes so that compliance checks and license assignments are accurate.

Acceptance Criteria:

- Supports both standard and custom product attributes (HS code, ECCN, export control flags).
- · History of changes is preserved for audit trail.

- Provides API for integration with ERP product catalogs.
- Enables linking products to license eligibility and country restrictions logic.

3. Order/Transaction Store

User Story:

As an order processor, I want to create and track orders with related partners and products, so I can monitor compliance checks and shipping progress.

Acceptance Criteria:

- Order must reference partner, product, ship-to/destination, value, and shipping data.
- Every compliance check/block is logged against the order.
- Stores timestamps for each workflow step (created, screened, blocked, released, shipped).
- Supports searching, filtering, and exporting of order records by compliance status.

4. Rule Store

User Story:

As a compliance administrator, I want to create, edit, and version policy rules for screening, blocking, and licensing, so I can align the engine with evolving regulations.

Acceptance Criteria:

- Rules are represented in a low-code visual designer and can be activated/deactivated.
- Each rule has versioning and change history.
- Conditions, actions, and exceptions are auditable and exportable.
- Supports simulation/test mode for safe changes.

5. Audit Store

User Story:

As an auditor, I want to view immutable logs of all key compliance actions and decisions for any entity, so I can satisfy internal and external regulatory reviews.

Acceptance Criteria:

- Every critical action (screen, block, override, release, rule edit) is logged with user, timestamp, entity, and context.
- Logs are tamper-evident and accessible by permissioned users.
- One-click export of filtered or full logs for audits.
- Real-time monitoring dashboard available for managers.

6. License Vault

User Story:

As a compliance officer, I want to see all issued, pending, and expired licenses linked to products, partners, and shipments, so I can ensure full regulatory coverage.

Acceptance Criteria:

- Every license record links to its relevant order, product, and rule source.
- Auto-tracks usage quotas, expiries, and renewal needs.
- Provides API for syncing with external authorities' license databases.
- Enables "drill-down" from compliance workflow to license details in UI.

You can further expand each story into subtasks for UI, API, validation, and unit test coverage, setting the foundation for robust sprint planning and clear QA. $^{[2]}$ $^{[3]}$ $^{[1]}$



- 1. https://sjemed.com/?mno=195681
- 2. https://pubs.acs.org/doi/10.1021/acssynbio.2c00390
- $3.\ \underline{https://ijsoc.goacademica.com/index.php/ijsoc/article/view/1345}$