MUX-03: Input & Submission Capsule Logic

System: MaxUXSuite

Module ID: MUX-03

Version: 1.0

Title: Input & Submission Capsule Logic

Classification: UX Input Governance

Responsible: TBYD UX Input & Flow Design Unit

License Model: TBYD License v2.2 / Audit Addendum A

Standards Reference: WCAG 2.1, ISO/IEC 27002, TBYD Capsule Protocol v2.1

Applicability: MaxOneOpen v4.1+

# 1. Purpose

This module defines the capsule logic governing input fields, forms, submission behavior, refusal states, and validation flow within sovereign and auditable UX contexts.

# 2. Capsule Fields

- component\_id: UI element ID (e.g., form, input group)  
- input\_scope: ENUM { text, boolean, select, multi-select, date, file }  
- validation\_rule: logical rule or reference (e.g., regex, schema capsule)  
- refusal\_condition: trigger for blocking, fallback, or escalation  
- fallback\_path: capsule or flow ID to re-route user  
- required\_state: external capsule reference (e.g., MaxProcess) for activation  
- submit\_trace: BOOLEAN (record submission attempts)  
- accessibility\_tags: optional policy reference for labels, hints, focus sequence

# 3. Refusal Logic Example

refusal\_condition:  
 rule: 'input\_value is null OR schema\_validation == false'  
fallback\_path: 'CAPSULE-FORM-ENTRY-RETRY'  
submit\_trace: true

# 4. CTO Summary

This module enables auditable, policy-aligned user input governance. It replaces frontend script validation with capsule-based flow control, ensuring traceability, fallback options, and governance binding without enforcing UI framework dependence.