**PRD-01 — Add Product (Single) with Cryptographic Intake Receipt (CIR)**

**Refines US1.**

stories for the Product Store m…

**Intent:** Create a product safely, uniquely, and audit-ready.

**Flow (happy path)**

1. User enters: Name, SKU (immutable), Category, Base UoM, Description, HS/ECCN (optional), Control Flags, Country of Origin (optional).
2. **AI Validator** suggests normalizations (name, UoM, category) and flags missing bits (never auto-drops).
3. **Uniqueness Guard:** deterministic key on SKU + tenant; fuzzy check on name.
4. On save, system issues **CIR** = signed hash of input, product\_id, timestamp; emits ProductCreated.
5. If classification present, mint **PCT** (Product-Classification Token; see PRD-04).

**Edge cases**: duplicate SKU → block; duplicate-like name → warn + let save; minimal record allowed (no codes) but flagged **Unclassified**.

**Acceptance:** save ≤ 500 ms P95; CIR always present; Unclassified badge shown when no HS/ECCN.