**AIP-01 — Product Genome & Similarity Fingerprints**

**Intent**  
Create a “genome” for every product (text/spec/image embeddings) to detect dupes, family clusters, and “nearest known” items for onboarding.

**Flow**

1. On create/upload, embed name, description, datasheet text, and images → **Genome Vector** saved.
2. Compute **Similarity Fingerprint**; compare to catalog; show Top-5 neighbors with match reasons.
3. User can “Adopt from nearest” to copy safe defaults (UoM, attributes) into the new draft.
4. CIR receipt includes genome hash + timestamp.

**Edge cases**

* Lookalikes with different SKUs → warn but allow; mark for post-merge review.
* Missing media → genome built from text only.

**Done when**

* ≥95% of dupes flagged pre-save; adoption reduces average onboarding time by X%.