Great — I’ve turned your current **C2C marketplace** use‑cases into a concrete **Quality Scenarios pack** using the same “Environment → Stimulus → Response → Measure(Allowance)” structure as the *accepted* reference’s **Appendix B. Quality Scenarios** so it drops straight into your document.

Below I first recap the **finalized use‑cases** we’ll map to, then list **20 quality scenarios** (clustered so they can be later merged down to ~11–12), and finally record **ratings from five personas** (PM, Eng Lead, SRE, Security/Privacy, ML/Relevance). I close with a few crisp questions.

**What I’m mapping to (from your draft)**

* **UC\_01 Listing Management** — create/update/pause/delete with policy checks; edits propagate to indexes “within seconds.”
* **UC\_02 Advanced Search** — blended lexical + vector + geo; relevance & fast results; degraded-network fallbacks.
* **UC\_03 Personalized Recommendations** — context‑aware surfaces with guardrails & graceful degradation.
* **UC\_04 Secure Chat Messenger** — buyer–seller messaging & offers; anti‑abuse safety filters.
* **UC\_05 Checkout & Escrow** — (placeholder; your note says off‑platform settlement for now, so we’ll focus more on chat/offer pathways).
* **UC\_06 Fraud & Risk** — (placeholder; we still include trust/fraud scenarios tied to chat & listings).

These UCs sit under the business drivers you captured (speed, relevance, trust/safety, conversion).

**Quality scenarios (20) mapped to UCs & categories**

**Notation.** Each scenario shows **Category**, **Mapped UC(s)**, then: **Environment → Stimulus → Response → Measure (target)**. Targets reflect India‑first launch, ~10k DAUs, off‑platform settlement, and are intended as **starting SLAs** you can tune later.

**A) Performance & Scalability**

**QS‑01. Search API latency**

* **Category:** Performance | **UC:** UC\_02
* **Env:** Normal load at peak hour from India users.
* **Stimulus:** Buyer submits a search query.
* **Response:** Search service returns results (lexical+vector+geo, de‑dup, re‑rank) with aggregates.
* **Measure:** p95 ≤ **400 ms**, p99 ≤ **1.2 s** at API gateway; error rate < 0.3%.

**QS‑02. Recommendations latency & guardrails**

* **Category:** Performance | **UC:** UC\_03
* **Env:** Home/PDP/cart surfaces with recs enabled.
* **Stimulus:** Page requests recs.
* **Response:** Ranker returns a list; if budget exceeded, degrade to cached/trending; suppress if empty.
* **Measure:** p95 ≤ **350 ms**; degradation rate < **3%** sessions.

**QS‑03. Listing indexation freshness**

* **Category:** Performance | **UC:** UC\_01
* **Env:** Seller publishes/edits/pauses a listing.
* **Stimulus:** ItemCreated/ItemUpdated event.
* **Response:** Listing is searchable & eligible for recs.
* **Measure:** publish‑to‑searchable p95 ≤ **30 s**; edit/disable propagation p95 ≤ **15 s**. (Your UC says “propagates to indexes within seconds.”)

**QS‑04. Chat message delivery latency**

* **Category:** Performance | **UC:** UC\_04
* **Env:** Web/mobile over 4G and Wi‑Fi.
* **Stimulus:** User sends a chat/offer.
* **Response:** Receiver sees the message; sender gets ack.
* **Measure:** send→ack p95 ≤ **100 ms**; end‑to‑end delivery p95 ≤ **300 ms**.

**QS‑05. Offer/notification fan‑out**

* **Category:** Performance | **UC:** UC\_04
* **Env:** Offer accepted or countered.
* **Stimulus:** OfferStatusChanged event.
* **Response:** Push/Web notifications delivered and inbox updated.
* **Measure:** p95 delivery ≤ **5 s**; duplicate notifications < **0.5%**.

**QS‑06. Initial page TTI/INP (India networks)**

* **Category:** Performance/Usability | **UC:** UC\_02, UC\_03
* **Env:** Mid‑range Android, 4G; first‑time visitor.
* **Stimulus:** User opens home/PDP/search.
* **Response:** Interactive page with primary content.
* **Measure:** p75 TTI ≤ **2.5 s**, p95 ≤ **5 s**; INP p75 ≤ **200 ms**.

**B) Availability, Reliability, Consistency**

**QS‑07. Search read availability & graceful degradation**

* **Category:** Availability | **UC:** UC\_02
* **Env:** Partial dependency failure (e.g., embedding store).
* **Stimulus:** Surge in queries while a subsystem is degraded.
* **Response:** Fallback to lexical index + last‑good aggregates; error budgets respected.
* **Measure:** Monthly availability ≥ **99.9%**; < **1%** queries fall back.

**QS‑08. Messaging durability & ordering**

* **Category:** Reliability | **UC:** UC\_04
* **Env:** Transient network blips/device sleep.
* **Stimulus:** Back‑and‑forth chat with reconnects.
* **Response:** Never lose a message; causal ordering preserved per conversation; allow de‑dupe.
* **Measure:** Message loss **0**; out‑of‑order corrected < **2 s**.

**QS‑09. Index consistency for edits/deletes**

* **Category:** Reliability/Consistency | **UC:** UC\_01, UC\_02
* **Env:** Seller updates title/price or deletes an item.
* **Stimulus:** ItemUpdated/Deleted.
* **Response:** New search/recs reflect changes within SLA; stale results marked not‑available.
* **Measure:** eventual consistency ≤ **60 s**; stale click‑throughs < **0.2%**.

**QS‑10. Disaster recovery (core services)**

* **Category:** Availability/Reliability | **UC:** All
* **Env:** AZ/region outage.
* **Stimulus:** Primary region unavailable.
* **Response:** Read‑only mode for search/recs in **≤ 15 min**; full restore in **≤ 60 min**.
* **Measure:** **RPO ≤ 10 min**, **RTO ≤ 60 min** for Listings/Search/Messaging.

**C) Security & India DPDP Privacy**

**QS‑11. Consent‑aware personalization**

* **Category:** Security/Privacy/Compliance | **UC:** UC\_03
* **Env:** India (DPDP); personalization requires consent.
* **Stimulus:** Buyer lands on Home/PDP without consent.
* **Response:** Serve contextual/trending recs; log consent if granted; audit trail kept.
* **Measure:** 100% consent decisions audited; privacy fallback latency ≤ **50 ms** overhead.

**QS‑12. Data subject requests (access/delete)**

* **Category:** Security/Privacy/Compliance | **UC:** All
* **Env:** User requests export/delete.
* **Stimulus:** DSAR ticket created.
* **Response:** Orchestrate pulls from messaging, listings, telemetry; redact counterparty PII; propagate deletes to caches and indexes.
* **Measure:** Internal SLA **72 h** completion; cache/index purge p95 ≤ **24 h**.

**QS‑13. Chat PII protection & safety review**

* **Category:** Security/Trust | **UC:** UC\_04
* **Env:** Sensitive terms/PII detected in chat.
* **Stimulus:** Message contains phone/email or payment solicitation.
* **Response:** Soft‑block with explanation; allow override if policy permits; encrypt at rest; access audited.
* **Measure:** TLS 1.2+ in transit; KMS‑backed at rest; **100%** access logged; false‑positive rate for PII masks < **2%**.

**D) Trust, Moderation, Fraud (off‑platform settlement emphasis)**

**QS‑14. Listing image/text moderation latency**

* **Category:** Security/Trust | **UC:** UC\_01
* **Env:** New listing; long‑tail categories.
* **Stimulus:** Seller submits photos/title/description.
* **Response:** Inline moderation + explain & fix path; appeal queue on block.
* **Measure:** inline decision ≤ **1 s** p95; false‑positive < **3%**.

**QS‑15. Off‑platform payment solicitation detection**

* **Category:** Security/Trust | **UC:** UC\_04
* **Env:** Messaging only (no in‑app checkout primary).
* **Stimulus:** Chat contains “Pay via UPI outside,” phone numbers, links.
* **Response:** Warn, block link, pace‑limit; repeat offenders escalated.
* **Measure:** capture ≥ **90%** of explicit solicitations; appeal SLA ≤ **24 h**.

**QS‑16. Early fraud signals & seller risk scoring**

* **Category:** Security/Trust/Reliability | **UC:** UC\_01, UC\_04, UC\_06
* **Env:** New sellers or high‑risk categories.
* **Stimulus:** Burst listing/offer activity from new device/IP.
* **Response:** Raise friction (extra KYC), cap limits, or shadow review.
* **Measure:** AUC for risk model ≥ **0.85** at launch; manual review queue wait p95 ≤ **2 h**.

**E) Modifiability, Maintainability, Observability**

**QS‑17. Evolve listing schema & APIs without downtime**

* **Category:** Maintainability | **UC:** UC\_01, UC\_02, UC\_03
* **Env:** New attribute (e.g., “battery‑health”).
* **Stimulus:** Deploy schema + index changes.
* **Response:** Dual‑write/read with feature flag; reindex online; no client breakage.
* **Measure:** zero‑downtime; backfill window ≤ **7 days**; error spike < **0.1%**.

**QS‑18. Experimentation & policy/feature toggles**

* **Category:** Maintainability/Usability | **UC:** UC\_02, UC\_03
* **Env:** A/B of new ranking feature or policy.
* **Stimulus:** Toggle experiment to 5% of traffic.
* **Response:** Results logged; kill‑switch reverts globally within **5 min**; no perf budget breach.
* **Measure:** toggle propagation ≤ **60 s**; no more than **50 ms** tail‑latency overhead.

**QS‑19. Observability coverage & SLO alerts**

* **Category:** Observability/Reliability | **UC:** All
* **Env:** Normal & incident operations.
* **Stimulus:** SLO burn detected (e.g., QS‑01 breach).
* **Response:** Alert with trace exemplars to owner within **2 min**; user‑journey dashboards show p50/95/99.
* **Measure:** 95% of critical paths traced; MTTA ≤ **10 min**; MTTR ≤ **60 min**.

**QS‑20. Cost efficiency & autoscale**

* **Category:** Efficiency/Scalability | **UC:** UC\_02, UC\_03
* **Env:** Day/night swings and event spikes.
* **Stimulus:** 3× traffic surge.
* **Response:** Scale search/recs tiers within **3 min** without breaching perf; nightly scale‑down.
* **Measure:** infra cost per 1k searches/recs **≤ target**; over‑provisioning < **20%**.

**Ratings from five personas (1=Low, 3=High)**

**Personas:** **PM** (Marketplace PM), **ENG** (Backend Eng Lead), **SRE** (SRE/Platform), **SEC** (Security & DPDP), **ML** (Relevance/ML).  
**Format:** *Importance/Difficulty*. Values reflect your inputs (India, off‑platform payments, ~10k DAUs) and UC ties cited above.

| **ID** | **PM** | **ENG** | **SRE** | **SEC** | **ML** |
| --- | --- | --- | --- | --- | --- |
| QS‑01 Search latency | **3/2** | **3/2** | **3/2** | 2/1 | **3/2** |
| QS‑02 Recs latency & guardrails | **3/2** | 2/2 | 2/2 | 2/1 | **3/2** |
| QS‑03 Indexation freshness | **3/2** | **3/2** | 2/2 | 2/1 | 2/1 |
| QS‑04 Chat delivery | **3/2** | **3/2** | **3/2** | 2/1 | 1/1 |
| QS‑05 Offer/notify fan‑out | **2/1** | 2/1 | 2/1 | 2/1 | 1/1 |
| QS‑06 Page TTI/INP | **3/2** | 2/2 | 2/1 | 1/1 | 1/1 |
| QS‑07 Search availability | **3/2** | 2/2 | **3/2** | 2/1 | 2/1 |
| QS‑08 Messaging durability | **3/2** | **3/2** | **3/2** | 2/1 | 1/1 |
| QS‑09 Index consistency | **3/2** | **3/2** | 2/2 | 2/1 | 2/1 |
| QS‑10 DR (RPO/RTO) | **2/2** | 2/2 | **3/3** | 2/2 | 1/1 |
| QS‑11 Consent‑aware personalization | **2/2** | 2/2 | 1/1 | **3/2** | **3/2** |
| QS‑12 DSAR orchestration | 2/2 | 2/2 | 1/1 | **3/2** | 1/1 |
| QS‑13 Chat PII protection | **3/2** | 2/2 | 2/1 | **3/2** | 1/1 |
| QS‑14 Listing moderation latency | **3/2** | 2/2 | 1/1 | **3/2** | 2/2 |
| QS‑15 Off‑platform solicitation detection | **3/3** | 2/3 | 1/1 | **3/3** | **2/3** |
| QS‑16 Seller risk scoring | **3/3** | 2/3 | 1/1 | **3/3** | **3/3** |
| QS‑17 Zero‑downtime schema/API evolution | 2/2 | **3/2** | 2/2 | 1/1 | 1/1 |
| QS‑18 Experimentation & toggles | **3/2** | **3/2** | 2/2 | 1/1 | **3/2** |
| QS‑19 Observability & SLO alerts | **3/2** | 2/2 | **3/2** | 1/1 | 1/1 |
| QS‑20 Cost efficiency & autoscale | 2/2 | 2/2 | **3/2** | 1/1 | 1/1 |

**Why these feel “thought‑through” (quick cues):**

* **Importance** follows your drivers (speed/search, trust/safety, conversion) and the **UC emphasis** (search, recs, chat) captured in your draft.
* **Difficulty** reflects real complexity: e.g., **QS‑15/QS‑16** are tough because high‑precision NLP/ML + adversarial users + policy appeal loops; **QS‑10** demands multi‑region data‑plane designs; **QS‑17** touches schema + index + clients; **QS‑18** needs guardrails not to blow perf/error budgets.
* **India & off‑platform settlement** make **chat safety, moderation, and fraud** comparatively **more** critical than checkout throughput (for now).

**How to club to ~11–12 after you rank**

You can collapse along these bundles (each bundle can become one ranked line item):

1. **Interactive latency** (QS‑01, QS‑02, QS‑04, QS‑06).
2. **Freshness & consistency of inventory** (QS‑03, QS‑09).
3. **Core availability & DR** (QS‑07, QS‑10).
4. **Messaging reliability** (QS‑08, QS‑05).
5. **Trust & moderation for listings** (QS‑14).
6. **Chat safety & PII** (QS‑13, QS‑15).
7. **Fraud/risk models** (QS‑16).
8. **Consent & privacy ops** (QS‑11, QS‑12).
9. **Modifiability & rollout** (QS‑17, QS‑18).
10. **Observability & SLOs** (QS‑19).
11. **Cost & autoscale** (QS‑20).

That yields **11** buckets, consistent with your goal.

**Where this slots into your doc**

* Put the table under **Appendix B. Quality Scenarios**, mirroring the accepted report’s format (the Boot Loader reference shows the same *E/S/R/M* structure we used).
* Keep the **UC cross‑refs** (UC\_01…UC\_04) so reviewers can trace each scenario back to functional flows.

**A few targeted questions before you finalize numbers**

1. **Latency budgets** — are the proposed **p95** targets for search (**400 ms**) and recs (**350 ms**) acceptable for Year‑1 (10k DAU), or do you want stricter/looser figures? (Your doc emphasizes *fast* discovery.)
2. **Index freshness** — OK to codify **publish→searchable p95 ≤ 30 s** (your UC hints “within seconds”)?
3. **Privacy baseline (DPDP)** — confirm that **personalization requires consent** and that **contextual/trending** is the fallback until consent exists (QS‑11).
4. **Off‑platform payments** — should the **block/warn policy** in chat (QS‑15) be *hard‑block* or *soft‑warn with override* for certain categories (e.g., classifieds)?

If you’re happy, I can drop this into a clean **Appendix B** section and (optionally) provide a CSV/Sheet with the scenarios + ratings so your workshop can sort/rank live.

Below is a drop‑in **“Appendix B. Quality Scenarios”** section for your C2C Marketplace document, formatted to mirror the accepted report’s Appendix B table structure (Category → Sub‑category → Quality Scenario with a **Measure** line), and **derived directly from your finalized use‑cases in Section 2.1** (UC\_01 Listing Management, UC\_02 Advanced Search, UC\_03 Personalized Recommendations, UC\_04 Secure Chat Messenger). The layout and phrasing style intentionally follow the *BOOT LOADER* report’s Appendix B presentation (see pp. 42–45) so it fits your template.

**Appendix B. Quality Scenarios — C2C Marketplace**

**Use‑case map**:  
• **UC\_01 Listing Management** — create/update/pause/delete with policy checks; edits propagate “within seconds.”   
• **UC\_02 Advanced Search** — blended lexical + semantic (vector) + geo; de‑dupe; fallbacks for degraded networks.   
• **UC\_03 Personalized Recommendations** — context‑aware recs with latency guardrails and graceful degradation.   
• **UC\_04 Secure Chat Messenger** — buyer–seller messaging & offers; safety filters for scams/off‑platform solicitations.

| **Category** | **Sub‑category** | **Quality Scenario** |
| --- | --- | --- |
| **Performance** | Latency | **QS\_01 Search API latency** (UC\_02). Buyer submits a query; results (lexical + vector + geo) return fast with aggregates. **Measure:** [Response Time] = time(result returned at API GW) − time(query received). Target: p95 ≤ 400 ms; p99 ≤ 1.2 s. |
| **Performance** | Freshness | **QS\_02 Listing indexation freshness** (UC\_01→UC\_02). Publish/edit/pause becomes searchable quickly. **Measure:** [Index Freshness] = time(listing searchable) − time(publish/edit). Target: p95 ≤ 30 s. |
| **Performance** | Web perf | **QS\_03 Initial page interactivity (TTI/INP)** (UC\_02/UC\_03). **Measure:** p75 TTI ≤ 2.5 s; INP p75 ≤ 200 ms on mid‑range Android/4G. |
| **Performance** | Scalability | **QS\_04 Throughput & autoscale** (all). Handles ~10k DAU and bursty traffic without breaching QS\_01/03. **Measure:** [Sustained QPS before p95>target]; [Scale‑up time] to restore p95<target ≤ 3 min. |
| **Availability** | Read availability | **QS\_05 Search availability & graceful degradation** (UC\_02). If vector store is degraded, serve lexical + cached/trending. **Measure:** Monthly availability ≥ 99.9%; ≤1% queries degraded. |
| **Reliability** | Consistency | **QS\_06 Listing edit/delete consistency** (UC\_01/UC\_02). Search/recs reflect updates; stale clicks are guarded. **Measure:** eventual consistency ≤ 60 s; stale click‑throughs < 0.2%. |
| **Performance** | Messaging latency | **QS\_07 Chat message delivery latency** (UC\_04). **Measure:** send→ack p95 ≤ 100 ms; end‑to‑end p95 ≤ 300 ms. |
| **Reliability** | Durability/ordering | **QS\_08 Messaging durability & ordering** (UC\_04). No loss; causal order per conversation. **Measure:** lost messages = 0; re‑order correction < 2 s. |
| **Security / Trust** | Content safety | **QS\_09 Listing image/text moderation latency** (UC\_01). Inline decision; explain/fix or appeal. **Measure:** moderation decision p95 ≤ 1 s; false‑positive < 3%. |
| **Security / Trust** | Scam prevention | **QS\_10 Off‑platform payment solicitation detection** (UC\_04). Warn/soft‑block risky messages (UPI/phone links). **Measure:** detection ≥ 90%; appeal SLA ≤ 24 h. |
| **Security / Trust** | Fraud | **QS\_11 Early seller risk scoring** (UC\_01/UC\_04). Add friction for risky patterns. **Measure:** risk model AUC ≥ 0.85 at launch; manual review p95 ≤ 2 h. |
| **Security / Privacy (DPDP)** | Consent | **QS\_12 Consent‑aware personalization** (UC\_03). If no consent, serve contextual/trending; audit all decisions. **Measure:** 100% consent decisions audited; additional latency ≤ 50 ms. |
| **Security / Privacy (DPDP)** | Data rights | **QS\_13 DSAR orchestration (access/delete)** (all). **Measure:** internal SLA ≤ 72 h; index/cache purge p95 ≤ 24 h. |
| **Security** | AuthN/AuthZ | **QS\_14 Session management & authorization** (all). MFA optional; hardened sessions; fine‑grained access. **Measure:** [Security Defect Rate]; 100% privileged access audited. |
| **Maintainability** | Observability | **QS\_15 SLO alerts with trace exemplars** (all). **Measure:** MTTA ≤ 10 min; MTTR ≤ 60 min; ≥95% critical paths traced. |
| **Maintainability** | Modifiability | **QS\_16 Zero‑downtime schema/API evolution** (UC\_01/02/03). **Measure:** deploys with 0 user‑visible errors; backfill window ≤ 7 days. |
| **Maintainability** | Deployability | **QS\_17 Safe rollout & rollback** (all). **Measure:** canary guardrail breach → auto‑rollback ≤ 5 min; change‑failure‑rate < 10%. |
| **Maintainability / Usability** | Experimentation | **QS\_18 Experiment & policy toggles** (UC\_02/03). **Measure:** toggle propagation ≤ 60 s; tail‑latency overhead ≤ 50 ms. |
| **Efficiency** | Cost | **QS\_19 Cost efficiency & right‑sizing** (all). **Measure:** cost per 1k searches/recs within target; over‑provisioning < 20%. |
| **Usability** | i18n readiness | **QS\_20 Internationalization readiness** (all). **Measure:** string coverage ≥ 95% localizable; layout breakages = 0 on RTL/L10n smoke tests. |

**Note on style:** The table above mirrors the “Category / Sub‑category / Quality Scenario with **Measure** line” presentation used in the accepted Appendix B (BOOT LOADER), so it slots neatly into your template.

**Appendix C. Quality Scenario Analysis — Stakeholder Ratings (1–3)**

**Personas:** **PM** (Product), **ENG** (Backend Lead), **SRE** (SRE/DevOps), **SEC** (Security & DPDP), **ML** (Search/Relevance).  
Each cell is **Importance/Difficulty** on a 1–3 scale (1=low, 3=high). Calibrated for **India‑first, DPDP**, **off‑platform settlement**, ~**10k DAU**.

| **ID** | **PM** | **ENG** | **SRE** | **SEC** | **ML** |
| --- | --- | --- | --- | --- | --- |
| **QS\_01** Search API latency | **3/2** | **3/2** | **3/2** | 2/1 | **3/2** |
| **QS\_02** Indexation freshness | **3/2** | **3/2** | 2/2 | 2/1 | 2/1 |
| **QS\_03** Page TTI/INP | **3/2** | 2/2 | 2/1 | 1/1 | 1/1 |
| **QS\_04** Throughput & autoscale | 2/2 | **3/2** | **3/3** | 1/1 | 1/1 |
| **QS\_05** Search availability & degradation | **3/2** | 2/2 | **3/2** | 2/1 | 2/1 |
| **QS\_06** Listing consistency | **3/2** | **3/3** | 2/2 | **3/2** | 2/1 |
| **QS\_07** Chat delivery latency | **3/2** | **3/2** | **3/2** | 2/1 | 1/1 |
| **QS\_08** Chat durability & ordering | **3/2** | **3/2** | **3/2** | 2/1 | 1/1 |
| **QS\_09** Listing moderation latency | **3/2** | 2/2 | 1/1 | **3/3** | 2/2 |
| **QS\_10** Off‑platform solicitation detection | **3/3** | 2/3 | 1/1 | **3/3** | **2/3** |
| **QS\_11** Seller risk scoring | **3/3** | 2/3 | 1/1 | **3/3** | **3/3** |
| **QS\_12** Consent‑aware personalization | 2/2 | 2/2 | 1/1 | **3/2** | **3/2** |
| **QS\_13** DSAR orchestration | 2/2 | 2/2 | 1/1 | **3/2** | 1/1 |
| **QS\_14** AuthN/AuthZ & sessions | **3/2** | **3/2** | 2/2 | **3/3** | 2/1 |
| **QS\_15** Observability & SLO alerts | **3/2** | 2/2 | **3/2** | 1/1 | 1/1 |
| **QS\_16** Zero‑downtime schema/API | 2/2 | **3/2** | 2/2 | 2/1 | 1/1 |
| **QS\_17** Deployability & rollback | 2/2 | **3/2** | **3/3** | 2/1 | 1/1 |
| **QS\_18** Experiments & toggles | **3/2** | **3/2** | 2/2 | 1/1 | **3/2** |
| **QS\_19** Cost efficiency | 2/2 | 2/2 | **3/2** | 1/1 | 1/1 |
| **QS\_20** i18n readiness | 2/2 | 2/2 | 1/1 | 1/1 | 2/2 |

**How to collapse to 11–12 priorities after your ranking**

To meet your “club related items” goal, consider the following bundles once you’ve ranked the rows above:

1. **Interactive latency**: QS\_01, QS\_03, QS\_07
2. **Freshness & consistency**: QS\_02, QS\_06
3. **Search availability**: QS\_05 (+ underpinning autoscale from QS\_04)
4. **Messaging robustness**: QS\_07, QS\_08
5. **Trust & moderation**: QS\_09, QS\_10, QS\_11
6. **Privacy & consent/DSAR**: QS\_12, QS\_13
7. **Identity & session security**: QS\_14
8. **Observability & SRE**: QS\_15 (+ DR from QS\_04 if you prefer)
9. **Modifiability & rollout**: QS\_16, QS\_17, QS\_18
10. **Cost**: QS\_19
11. **i18n readiness**: QS\_20

**Source notes (for traceability in your doc)**

* Use‑cases UC\_01..UC\_04 (Section 2.1) and their key phrases—e.g., *“edits/pauses/deletes propagate to indexes within seconds”*; *“blended lexical + vector + geo search”*; *“latency guardrails for recs; degrade to cached/trending”*; *“safety filters in chat”*—are the basis for QS\_02, QS\_01/05/18, QS\_03/12/18, and QS\_07–QS\_11 respectively.
* Table structure and “Measure:” line style mirror the accepted Appendix B format (see **Appendix B. Quality Scenarios**, pp. 42–45) so reviewers familiar with that document can read this section without context switching.

If you’d like, I can also export these two appendices (**B** scenarios table and **C** stakeholder ratings) into a single CSV or a doc‑ready table you can paste directly under **Appendix B/C** of your C2C Architecture Design Document.