SHIPCLARITY · QA AUDIT REPORT · SAMPLE

Pre-Launch Functional QA Audit

Product: AI study platform (React front end, Supabase back end, built with Lovable) · Prepared by: Novruz Veliev, Senior QA · Scope: 22 of 48 checks (blocks A–C)
Environment: Chrome 128 / Windows 11 desktop 1920×1080; Safari iOS 17 on iPhone 13 (real device); Chrome DevTools device emulation for Pixel 7 and iPad. Anonymous and registered roles. Test data on a controlled mailbox.

This is a sample. Client name, domain, screenshots and account data are removed; findings and wording are from a real audit.

LAUNCH READINESS VERDICT

Hold the launch until one thing is fixed – a day of work, then you are clear

The product does what it promises for a first-time user: sign-up works, file upload works, and a logged-out visitor cannot reach protected pages or other people's data. One thing stands between you and a launch: no transactional email is delivered, so anyone who forgets a password is locked out for good and every "check your inbox" screen is a dead end. That is a mail-provider setup problem, not a rewrite. Fix it, tell me, and I re-check it the same day. Everything else in this report is worth doing in the first weeks, but none of it should stop you from going live.

BLOCKS LAUNCH	FIX IN FIRST WEEKS	BACKLOG	CHECKS RUN	NEEDS YOUR CONFIRMATION
1 finding	**4 findings**	**4 findings**	**22 of 48**	**2 findings**

RE-TEST AFTER FIXES
separate order

What the verdict is based on

Functional QA pass over the critical user journeys, form handling and access control (methodology blocks A–C, 22 checks). The core happy paths – sign-up and file upload – work, and access control on protected pages is sound. **9 issues** found, including one **Critical** that blocks account recovery. Two AI-feature failures returned rate-limit errors (HTTP 429) and are flagged needs verification – they may come from the shared demo API key rather than product code.

1	1	4	3
Critical	High	Medium	Low

How severity and priority are set

Severity is about the product and does not depend on your plans: how much of the user's job is destroyed and whether there is a way around it. Critical – the user cannot finish a key job and has no workaround, or data is lost. High – a key job breaks in a common case, workaround exists but is not obvious. Medium – a secondary path breaks, or the product is wrong about itself (a message says success when nothing happened). Low – cosmetic and edge cases.

Priority is about your release and is my proposal, not a verdict: P1 – fix before launch, P2 – fix in the first weeks, P3 – put it in the backlog. They come apart often. A broken password reset in a product with no users yet is Critical by severity but P1 only because launch is next; a wrong price on the pricing page can be Medium by severity and still P1, because it costs money on day one. When they diverge I say why in one line, and you overrule me – you know the roadmap, I do not.

Findings

1. Transactional emails are never delivered

CRITICAL P1

STEPS TO REPRODUCE

1. Open /login in a clean browser profile, click "Forgot password".
2. Enter an address on a mailbox you control, submit.
3. Watch Inbox and Spam for 30 minutes. Repeat with a fresh sign-up.

EXPECTED

A reset link arrives, or the UI reports that sending failed.

ACTUAL

Nothing arrives, in Inbox or Spam, for either the reset or the sign-up confirmation. The UI reports success: "Check your inbox – We sent a password reset link to …".

IMPACT

Any user who forgets a password is locked out for good – recovery is impossible. The false success message hides the failure, so you learn about it from support tickets, not from logs.

RECOMMENDATION

Check the email provider configuration (Supabase Auth email / SMTP, sender domain, SPF/DKIM). Show real delivery errors instead of a success message.

2. Core AI features fail to generate needs verification

HIGH P1

STEPS TO REPRODUCE

1. Sign in, open Quiz Generator, submit any topic.
2. Repeat on Flashcards and on AI Tutor.

EXPECTED

Content is generated, or the failure is explained with a retry.

ACTUAL

All three fail with "Gemini is rate-limiting this API key right now (429)".

NOTE

Most likely the shared demo key hitting its quota rather than a code defect – worth re-testing with a fresh key before treating it as a product bug. As it stands, a first-time visitor sees the flagship features not working.

RECOMMENDATION

Confirm quota and key setup; handle provider outages gracefully with a retry hint.

3. Smart Planner – "Add task" silently fails on an invalid date

MEDIUM P2

STEPS TO REPRODUCE

1. Open Smart Planner, type 202633 into the date field.
2. Fill the rest, press "Add task".

EXPECTED / ACTUAL

Expected: a validation error naming the field. Actual: the button does nothing – no task, no error, no console message. The AI (star) button also returns 429.

RECOMMENDATION

Validate the date and show a clear error. A primary action must never be silently unresponsive.

4. No way to delete an entry in "Feedback"

MEDIUM P3

EXPECTED / ACTUAL

Expected: an entry can be removed by its author. Actual: entries created in Feedback cannot be removed at all.

RECOMMENDATION

Add a delete action with confirmation.

5. Empty required fields can be saved

MEDIUM P2

STEPS TO REPRODUCE

1. Open Settings, clear every field marked required, press Save.
2. Repeat in Smart Notes.

EXPECTED / ACTUAL

Expected: save is refused with a field-level error. Actual: the record saves empty, in both places.

RECOMMENDATION

Enforce required-field validation on the client and on the server.

6. No account deletion (GDPR)

MEDIUM P2

EXPECTED / ACTUAL

Expected: a user can delete their own account. Actual: there is no such button or setting anywhere.

IMPACT

For a product holding personal data this is a right-to-erasure risk, and it is the kind of thing a first enterprise customer asks about.

RECOMMENDATION

Add self-service deletion, and confirm the data is really removed or anonymised on the back end.

7. Weak input validation

LOW P3

Smart Planner accepts a 6-digit "date"; Settings accepts fields made only of special characters. Recommendation: add format checks.

8. Layout breaks on very long input

LOW P3

A 500-character word overflows its card and pushes the layout sideways. Recommendation: constrain width, wrap or truncate.

9. Duplicate actions on repeated clicks

LOW P3

The confirmation log stacks when Save is pressed repeatedly; in GPA Calculator a double click on "+" creates two entries. Recommendation: disable the button after the first click.

Verified working

- ✓ Sign-up completes end to end.
- ✓ File and avatar upload handle formats and size limits.
- ✓ Protected pages (e.g. /settings) require authentication – direct access in incognito is blocked.

- ✓ Old links and sessions are rejected after logout.

Forms: what is actually run

Every form gets the same pass: empty submit; whitespace only; required fields cleared one at a time; boundary lengths (0, 1, max, max+1, and a 500-character string); wrong types in typed fields (letters in a number, 202633 in a date, 31 February); emails that browsers accept but people do not (a@a, spaces, unicode, 320 characters); leading and trailing spaces; copy-paste instead of typing; double submit and rapid repeat clicks; submit with the network throttled and offline; browser autofill; back button after submit; and whether the client-side rule is repeated on the server – the same request sent again after the field passes.

Scope and limitations

This audit covered functional QA: critical flows, forms, access control, mobile layout. Not applicable to this product: payment and subscription flows (none present) and an admin area (none). Not performed in this pass, and recommended as a follow-up with the owner's permission or developer access: active security tests (XSS, IDOR, unauthenticated API), server-side validation and dependency or back-end checks.

Prepared with the ShipClarity methodology (48-point checklist). Novruz Veliev, Senior QA · shipclarity.app