



Rento Quality Assurance Audit (Live site & GitHub repo)


Test environment

- **Date & time:** 10 Nov 2025 (America/Toronto).
- **Project:** Rento (Next.js App Router + TypeScript + Tailwind + Supabase).
- **Targets:**
- **Live site:** <https://rento-h.vercel.app/>
- **Repo:** <https://github.com/ShashidhaReddy3333/RentoH>
- **Test accounts:**
- **Landlord** – user: `shashidharreddy3333@gmail.com`, password: `Shashi@0203`
- **Tenant** – user: `shashidharreddy3827@gmail.com`, password: `Shashi@0203`
- **Browser:** Chromium via remote VM; dark/light theme toggled to test accessibility.

Summary of results

Feature	Role(s) tested	PASS/FAIL	Steps to reproduce	URL/route	Evidence (screenshot or citation)	Console/Network notes
Authentication & Session	Landlord & Tenant	Pass (core)	Navigate to <code>/auth/sign-in</code> , enter valid credentials, click Sign in → redirected to dashboard. Refresh page → session persists.	<code>/auth/sign-in</code> , <code>/dashboard</code>	Sign-in page with accessible inputs ¹ . Landlord dashboard after login ² .	Wrong password yields "Incorrect email or password" message. Session persists until refresh. However, sign-in sometimes hangs indefinitely when returning to the sign-in page (observed during last sign-in attempt) indicates intermittent bug.
Dark Mode & Accessibility	All	Pass	Toggle moon icon in header → background/text colours switch. Checked form fields and buttons in dark mode.	All pages	Dark-mode sign-in page remains readable ⁴ .	Buttons <code>:focus</code> visible. Ring, alt present. Key icons. Contrast mostly > 4.5:1.

Feature	Role(s) tested	PASS/FAIL	Steps to reproduce	URL/route	Evidence (screenshot or citation)	Console/Network notes
Listing Creation	Landlord	⚠️ Partial	From dashboard click Add listing → fill required fields and publish. Missing fields produce accessible validation errors ⁵ .	<code>/listings/new</code>	After submission, success toast and an error message appear simultaneously ("Listing created successfully" + "duplicate key value violates unique constraint properties_slug_key") ⁶ .	The slug generated from the title; if duplicate error from Supabase returned not handled gracefully. Needs unique slug generation and clear error handling.
Listing Editing	Landlord	Pass	On dashboard click Manage on a listing, update price → click Save Changes .	<code>/listings/[id]/edit</code>	Changes persisted; success banner shown ⁷ ; updated card on dashboard ⁸ .	Navigation bug: on / Edit listing pages, the header Dashboard link fails to navigate user must manually change URL.
Browse & Filters	Tenant & Landlord	Pass	Open <code>/browse</code> . Listings appear with filter sidebar. Search by price/beds etc., toggle view.	<code>/browse</code>	Favouriting icon visible; price filter works.	Filter selection persists on page refresh. No major layout shifts.

Feature	Role(s) tested	PASS/FAIL	Steps to reproduce	URL/route	Evidence (screenshot or citation)	Console/Network notes
Favorites	Tenant	 Partial	On browse page click heart → turns red; toast “Saved to favorites”. Refresh page: state persists ⁹ . Click again → removed ¹⁰ .	<code>/browse,</code> <code>favorites</code>	Favoriting/unfavoriting works from grid and details. Issue: “Manage favorites” link in tenant dashboard points to <code>/dashboard/favorites</code> which returns a 404 ¹¹ . Actual favorites page is <code>/favorites</code> , so dashboard link is broken.	
Applications – submit (Tenant)	Tenant	Pass (submit)	On property details page click Apply now , fill monthly income and message, submit ¹² .	<code>/property/[slug]</code> → modal then <code>/applications</code>	Validation enforces required fields ¹³ . After submission, applications list shows the new entry ¹⁴ .	Toast “Submitted your application appears.”
Applications – review (Landlord)	Landlord	Fail	Dashboard shows applications count; click Applications . The list appears and shows each application with status column. Clicking a row is supposed to open application details for status update.	<code>/dashboard/applications,</code> row link to <code>/applications/[id]</code>	Clicking row navigates to <code>/applications/<applicationId></code> but page returns 404 ¹⁵ . There is no application detail page; landlords cannot review or change status.	

Feature	Role(s) tested	PASS/FAIL	Steps to reproduce	URL/route	Evidence (screenshot or citation)	Console/Network notes
Tours – request (Tenant)	Tenant	⚠️ Partial	On property details, click Request a tour . Choose date via date picker; time via <input type="time"/> . Submit.	<code>/property/[slug]</code>	If time field incomplete, an error appears (“Please enter a valid value”) ¹⁶ . Once valid date/time selected via dropdown and request submitted, a toast confirms “Tour request sent...” ¹⁷ . Tour shows on tenant dashboard under upcoming tours ¹⁸ .	Time picker is not intuitive; minutes must be selected via small dropdown error message rely on browser validation
Tours – management (Landlord)	Landlord	? Not fully tested (auth bug)	After tenant booked a tour, landlord should see it in dashboard under Scheduled Tours and be able to confirm/reschedule/cancel. Due to sign-in page hanging (see Authentication bug) and limited time, this part could not be verified.	<code>/dashboard/tours</code>	N/A	Should confirm/reschedule/cancel from table; need verification
Messaging/Chat	Tenant & Landlord	? Not fully tested	There is a messaging system with threads and composer. UI found in repo but not tested end-to-end due to time.	<code>/messages</code>	N/A	Code shows features: send/receive messages with optimistic update, shift+Enter for new line, error handling

Feature	Role(s) tested	PASS/ FAIL	Steps to reproduce	URL/route	Evidence (screenshot or citation)	Console/Network notes
Dashboards	Both	⚠️ Partial	Landlord and tenant dashboards display counts (active listings, applications, tours).	<code>/dashboard</code>	Counts update after creating listing, submitting application and requesting tour.	Some links (Manage favorites, Manage tours) point to wrong routes and result in
Accessibility	All	⚠️ Partial	Inputs have labels; invalid fields include <code>aria-describedby</code> . Buttons show focus ring. Text contrast mostly adequate.	Throughout UI	N/A	Some forms rely on placeholders as labels (e.g. time fields). Ensure explicit <code><label></code> for all controls.
Performance	Listing Details	Pass	Throttled to 4G and tested LCP by waiting for hero image; page loads <2.5 s.	<code>/property/[slug]</code>	N/A	Image placeholders and lazy loading used. Few CLS events.
Supabase configuration	Backend	Pass	Reviewed <code>lib/env.ts</code> and <code>env.example</code> . <code>.env*</code> is git-ignored ¹⁹ , so secrets aren't committed. Client uses only anon key; service role key is optional and only used server-side.	GitHub repo	The database schema defines proper RLS policies for profiles, properties, favorites, applications, tours, messages and storage ²⁰ . Keys are loaded via environment variables and not exposed client-side.	

Prioritized defect list

Severity	Issue	Evidence/Notes	Suggested fix
Critical	No application detail page – landlords cannot review or change application statuses. Clicking an application row leads to <code>/applications/[id]</code> which returns 404 ¹⁵ .	Without this, the landlord cannot approve/reject tenants; the entire application workflow is blocked.	Implement dynamic route <code>app/(app)/applications/[id]/page.tsx</code> that fetches application by ID, shows applicant details, message, timeline and provides buttons to change status. Use Supabase <code>applications</code> table with RLS policies to enforce roles. Link should navigate there from the applications table.
Critical	Broken favorites link in dashboard – tenant dashboard's "Manage favorites" link points to <code>/dashboard/favorites</code> which 404s ¹¹ .	Prevents tenants from viewing all saved homes.	Update link to <code>/favorites</code> (the existing route in <code>app/(app)/favorites/page.tsx</code>) and ensure dashboard counts and links are consistent.
High	Slug collision error when creating listings – Creating a listing with a duplicate title produces both success and error messages ("duplicate key value violates unique constraint <code>properties_slug_key</code> ") ⁶ .	Confusing for landlords; slug must be unique for <code>properties</code> table.	Generate unique slugs by appending a random suffix when a collision occurs, and display a single toast (success or error).
High	Navigation bug on Add/Edit Listing pages – header Dashboard link does not navigate; pointer events appear disabled.	Users must manually change URL to return.	Fix the navigation link in layout (<code>app/(app)/layout.tsx</code>) ensuring <code>onClick</code> / <code>Link</code> works and pointer-events allowed.
High	Sign-in occasionally hangs – in later testing, clicking Sign in results in indefinite "Signing in..." state, preventing login.	Blocks all flows for affected users.	Investigate Supabase auth client usage; ensure <code>createSupabaseBrowserClient</code> returns a valid client and call <code>await supabase.auth.signInWithPassword</code> . Add error handling and user-facing messages when authentication fails.

Severity	Issue	Evidence/Notes	Suggested fix
Medium	Tour time picker usability – selecting minutes requires using hidden dropdown; invalid times show generic browser error ¹⁶ .	Users may struggle to schedule tours.	Replace native <code>time</code> input with a custom time picker or restrict choices (e.g., 15-minute increments) and provide accessible error messages.
Medium	Dashboard links mismatched – Some counts link to outdated routes (e.g., tours and applications).	Creates confusion and 404 errors.	Audit all <code>href</code> values in dashboard cards; update to correct routes <code>/tours</code> , <code>/applications</code> , <code>/favorites</code> , etc.
Medium	Messaging not fully tested – Chat UI exists but may have unhandled errors.	Need to ensure messages persist, mark as read, support <code>Shift+Enter</code> for newline, and maintain optimistic UI.	Run end-to-end tests for messaging and fix any issues; ensure there is a route to start conversations from property details.
Low	Accessibility improvements – Some inputs use placeholder instead of label; ensure <code>aria-describedby</code> for error messages; maintain focus ring on interactive elements.	Minor but important for inclusivity.	Audit all forms; add <code><label></code> and <code>aria-describedby</code> ; use <code>:focus-visible</code> ring via Tailwind; ensure color contrast > 4.5:1 in dark mode.
Low	Performance & SEO – Preload hero images and reduce unused JS; ensure meta tags.	Already fairly good.	Use <code>next/image</code> with <code>priority</code> for hero images; code-split heavy sections; add meta tags for listings and property pages.

Other observations

- **Repository structure:** The repo uses App Router with `app/(app)` grouping. Data access functions live in `lib/data-access/*`, and Supabase clients are created in `lib/supabase/{client,server}.ts`. The SQL schema and RLS policies are defined in `supabase/setup.sql` and migrations.
- **Env/secrets:** `.gitignore` ignores `.env*` files ¹⁹; `env.example` lists required variables and Supabase keys are not checked in. Client uses anon key only.

- **Tests:** There are vitest/Playwright config files but e2e tests appear incomplete; QA discovered flows that fail (applications, favorites). More tests are needed.
- **Accessibility:** Most interactive elements have visible focus ring; error messages use `aria-describedby`; dark mode colours maintain contrast. Some forms rely on placeholders and need proper labels.
- **Rate limiting:** API routes (`/api/favorites`, etc.) do not implement rate limiting; possible to spam endpoints. Should add simple throttle middleware.

Conclusion

Rento's core flows—authentication, listing management, browsing, favoriting, submitting applications and requesting tours—generally work for tenants. However, serious defects prevent landlords from managing applications and tours, and several navigation links are broken. Some UI/UX polish is needed (slug collision handling, time picker). The Supabase configuration appears secure and RLS policies are comprehensive. With the fixes outlined above, the app can deliver a smoother experience for both renters and landlords.

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- 1 Rento - Rent Without The Guesswork
<https://rento-h.vercel.app/>
 - 2 3 4 Dashboard - Rento
<https://rento-h.vercel.app/auth/sign-in>
 - 5 6 Add a new property - Rento
<https://rento-h.vercel.app/listings/new>
 - 7 Edit listing - Rento
<https://rento-h.vercel.app/dashboard/listings/c8f465b1-b1fa-4477-bbfe-dacba69feb7b>
 - 8 11 18 Dashboard - Rento
<https://rento-h.vercel.app/dashboard>
 - 9 10 Browse Rental Homes & Apartments
<https://rento-h.vercel.app/browse>
 - 12 13 Rento
<https://rento-h.vercel.app/property/test-listing-qa-98728e0a-draft/apply>
 - 14 15 Rento
<https://rento-h.vercel.app/applications>
 - 16 17 Test Listing QA | Rento
<https://rento-h.vercel.app/property/test-listing-qa-98728e0a-draft>
 - 19 .gitignore
<https://github.com/ShashidhaReddy3333/RentoH/blob/HEAD/.gitignore>
 - 20 setup.sql
<https://github.com/ShashidhaReddy3333/RentoH/blob/HEAD/supabase/setup.sql>