

# Test Results Report

Generated: December 21, 2025

Overall Status:  PASSED

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## Summary

Test Suite	Passed	Failed	Skipped	Pass Rate
Database Tests	39	0	0	100.0%
Edge Function Tests	5	0	0	100.0%
E2E Tests	34	0	0	100.0%
Stress Tests	1	0	0	100.0%
Manual Tests	5	0	0	100.0%
<b>Total</b>	<b>84</b>	<b>0</b>	<b>0</b>	<b>100.0%</b>

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## Test Suites

### Database Tests

Tests: 39/39 passed

-  **Performance Optimization RPC Functions > get\_admin\_notification\_counts()**  
    > returns all required count fields (339.51158399999986ms) - performance-optimizations.test.ts
-  **Performance Optimization RPC Functions > get\_admin\_notification\_counts()**  
    > counts match actual database records (1491.465542ms) - performance-optimizations.test.ts
-  **Performance Optimization RPC Functions > get\_admin\_notification\_counts()**  
    > returns zero counts when no pending items (1749.5434170000003ms) - performance-optimizations.test.ts
-  **Performance Optimization RPC Functions > get\_admin\_notification\_counts()**  
    > executes in under 400ms (326.2513749999998ms) - performance-

- **Performance Optimization RPC Functions > get\_user\_analytics() > returns correct structure with all fields** (320.97941699999956ms) - optimizations.test.ts
- **Performance Optimization RPC Functions > get\_user\_analytics() > aggregates project counts correctly** (900.0371249999998ms) - optimizations.test.ts
- **Performance Optimization RPC Functions > get\_user\_analytics() > respects pagination limits** (314.2879579999999ms) - optimizations.test.ts
- **Performance Optimization RPC Functions > get\_user\_analytics() > pagination offset works correctly** (640.7132499999998ms) - optimizations.test.ts
- **RLS Policies Verification > Icons & Categories RLS Policies > Unauthenticated user can read icons** (327.1983749999994ms) - rls-policies.test.ts
- **RLS Policies Verification > Icons & Categories RLS Policies > Unauthenticated user can read icon\_categories** (292.718249999999ms) - rls-policies.test.ts
- **RLS Policies Verification > Icons & Categories RLS Policies > Authenticated user can read icons** (715.6790000000001ms) - rls-policies.test.ts
- **RLS Policies Verification > Icons & Categories RLS Policies > Authenticated user can read icon\_categories** (682.1978749999998ms) - rls-policies.test.ts
- **RLS Policies Verification > Icons & Categories RLS Policies > Non-admin user cannot insert icons** (713.7437500000001ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > User can SELECT their own profile including email** (673.5765000000001ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > User can UPDATE their own profile** (662.7171250000001ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > User cannot SELECT another user profile without public projects** (771.011125ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > User cannot UPDATE another user profile** (664.402916ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > Unauthenticated user cannot INSERT profiles directly** (279.1728339999997ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > Profile is created automatically via trigger on user signup** (624.7204579999998ms) - rls-policies.test.ts

- **RLS Policies Verification > Profiles RLS Policies > Public profiles view excludes email addresses** (872.370000000008ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > get\_public\_profile function returns safe profile data only** (881.4347080000007ms) - rls-policies.test.ts
- **RLS Policies Verification > Profiles RLS Policies > Users with public projects can be queried for public info** (1296.7710829999996ms) - rls-policies.test.ts
- **RLS Policies Verification > Profile Email Security > Anon user CANNOT access email via direct profiles query** (865.0828330000004ms) - rls-policies.test.ts
- **RLS Policies Verification > Profile Email Security > Authenticated user CANNOT access another user email via profiles** (1243.7660000000014ms) - rls-policies.test.ts
- **RLS Policies Verification > Profile Email Security > Anon user CAN access public profiles via public\_profiles view** (895.3246249999993ms) - rls-policies.test.ts
- **RLS Policies Verification > Canvas Projects RLS Policies > User can view their own projects** (677.1823330000007ms) - rls-policies.test.ts
- **RLS Policies Verification > Canvas Projects RLS Policies > User can view public approved projects** (670.4430000000011ms) - rls-policies.test.ts
- **RLS Policies Verification > Canvas Projects RLS Policies > User cannot access another user private project** (660.4399590000012ms) - rls-policies.test.ts
- **RLS Policies Verification > Canvas Projects RLS Policies > Admin can access all projects** (913.63825ms) - rls-policies.test.ts
- **RLS Policies Verification > Login Attempts RLS Policies > Service role can insert login attempts** (282.90966599999956ms) - rls-policies.test.ts
- **RLS Policies Verification > Login Attempts RLS Policies > Regular users cannot access login\_attempts** (695.624917000001ms) - rls-policies.test.ts
- **Database Seeding Verification > Icon Categories > At least 12 icon categories exist after seeding** (836.5648330000001ms) - seed-verification.test.ts
- **Database Seeding Verification > Icon Categories > Each seeded icon category has at least one sample icon** (3609.7512090000005ms) - seed-verification.test.ts
- **Database Seeding Verification > Blog Data > Blog categories exist** (315.7141670000001ms) - seed-verification.test.ts
- **Database Seeding Verification > Blog Data > Blog tags exist** (318.89454099999966ms) - seed-verification.test.ts
- **Database Seeding Verification > Site Settings > Site settings exist with correct keys** (305.0130829999998ms) - seed-verification.test.ts

- **✓ Database Seeding Verification > Testimonials > Testimonials are seeded** (302.5607499999964ms) - `seed-verification.test.ts`
- **✓ Database Seeding Verification > Admin Role > Admin role can be assigned if user exists** (304.5545000000002ms) - `seed-verification.test.ts`
- **✓ Database Seeding Verification > Sample Icons > At least 20 sample icons are seeded across categories** (291.7662499999997ms) - `seed-verification.test.ts`

## ✓ Edge Function Tests

Tests: 5/5 passed

- **✓ send-email Edge Function > handles signup event with valid payload** (1.7049159999999972ms) - `send-email.test.ts`
- **✓ send-email Edge Function > handles recovery event with valid payload** (0.2467500000000058ms) - `send-email.test.ts`
- **✓ send-email Edge Function > returns success response for valid requests** (0.3589580000000012ms) - `send-email.test.ts`
- **✓ send-email Edge Function > returns error for missing required fields** (0.1666249999999625ms) - `send-email.test.ts`
- **✓ send-email Edge Function > correctly formats email templates with user data** (0.822416000000004ms) - `send-email.test.ts`

## ✓ E2E Tests

Tests: 34/34 passed

- **✓ Optimized Features - Integration Tests > AdminNotificationBell displays correct total count** (11794ms) - `optimized-features.spec.ts`
- **✓ Optimized Features - Integration Tests > AdminNotificationBell popover shows individual categories** (11284ms) - `optimized-features.spec.ts`
- **✓ Optimized Features - Integration Tests > Analytics page loads and displays user data** (12564ms) - `optimized-features.spec.ts`
- **✓ Optimized Features - Integration Tests > Analytics pagination changes displayed users** (12587ms) - `optimized-features.spec.ts`
- **✓ Optimized Features - Integration Tests > Blog page loads without errors** (1826ms) - `optimized-features.spec.ts`
- **✓ Optimized Features - Integration Tests > Blog caching reduces subsequent load times** (4943ms) - `optimized-features.spec.ts`
- **✓ Login & Session Management > user can sign in with valid credentials** (7388ms) - `login.spec.ts`

- **✓ Login & Session Management > invalid credentials display error** (3454ms) - `login.spec.ts`
- **✓ Login & Session Management > session persists across page refresh** (10117ms) - `login.spec.ts`
- **✓ Login & Session Management > user can sign out successfully** (8627ms) - `login.spec.ts`
- **✓ Login & Session Management > after sign out, session is cleared** (8589ms) - `login.spec.ts`
- **✓ Password Reset Flow > forgot password form is accessible** (1667ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > form validates email format** (2349ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > submitting valid email shows confirmation** (6225ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > "Back to Sign In" link exists** (1702ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > password reset page validates requirements** (1664ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > user can set new password via reset link** (1668ms) - `password-reset.spec.ts`
- **✓ Password Reset Flow > after reset, can sign in with new password** (7979ms) - `password-reset.spec.ts`
- **✓ Signup & Email Verification > user can sign up with email and password** (4104ms) - `signup.spec.ts`
- **✓ Signup & Email Verification > sign-up redirects to /auth/verify-email** (4042ms) - `signup.spec.ts`
- **✓ Signup & Email Verification > verify email page displays "Check your email" heading** (4211ms) - `signup.spec.ts`
- **✓ Signup & Email Verification > page shows "Return to Sign In" link** (4018ms) - `signup.spec.ts`
- **✓ Signup & Email Verification > link navigates back to auth page** (4005ms) - `signup.spec.ts`
- **✓ Unverified Email Handling > sign-in with unverified email detects error** (8304ms) - `unverified-email.spec.ts`
- **✓ Unverified Email Handling > triggers automatic verification email resend** (7375ms) - `unverified-email.spec.ts`
- **✓ Unverified Email Handling > redirects to /auth/verify-email?resent=true** (6973ms) - `unverified-email.spec.ts`
- **✓ Unverified Email Handling > page displays resent confirmation** (6973ms) - `unverified-email.spec.ts`

- **Unverified Email Handling > "Return to Sign In" link works** (7464ms) - `unverified-email.spec.ts`
- **Public Profile Functionality > Community page displays author names on project cards** (9470ms) - `public-profiles.spec.ts`
- **Public Profile Functionality > Can navigate to author profile from community card** (9703ms) - `public-profiles.spec.ts`
- **Public Profile Functionality > Author profile page displays profile information** (10798ms) - `public-profiles.spec.ts`
- **Public Profile Functionality > Author profile does NOT expose email address** (15058ms) - `public-profiles.spec.ts`
- **Public Profile Functionality > Community carousel displays author information** (13407ms) - `public-profiles.spec.ts`
- **Public Profile Security > Browser console cannot query email via profiles table** (5566ms) - `public-profiles.spec.ts`

## Stress Tests

**Tests:** 1/1 passed

- **Stress Test - Concurrent User Load > should handle concurrent users under load without I/O timeouts** (283054ms) - `stress-test.spec.ts`

## Manual Tests

**Tests:** 5/5 passed

- **DB-1: Fresh Database Seed** - `manual-testing`
- **EM-1: Signup Verification Email** - `manual-testing`
- **EM-2: Verification Link Functionality** - `manual-testing`
- **EM-3: Password Reset Email** - `manual-testing`
- **EM-4: Password Reset Link Functionality** - `manual-testing`