# Supabase Configuration Reference

**Project:** KCT Admin Dashboard  
**Created:** 2025-08-25  
**Purpose:** Reference document for correct Supabase configuration values

## 🔧 Critical Configuration Values

### Authentication Keys

#### ❌ OLD/INCORRECT Values (DO NOT USE)

// WRONG - These caused 401 errors  
const SUPABASE\_SERVICE\_ROLE\_KEY = 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjcHFkb3h3aW1rZ3l6aXZvIiwicm9sZSI6InNlcnZpY2Vfcm9sZSIsImlhdCI6MTcyNDU5NTYwMCwiZXhwIjoyMDQwMTcxNjAwfQ.JNbG4FqOV6YfLBJRpOHtmRWVdGDYrWDKY5VFBUUnNXjM'

#### ✅ CORRECT Values (USE THESE)

// CORRECT - Use these for production  
const SUPABASE\_URL = 'https://qktqcpqdoxwimkgyziov.supabase.co'  
const SUPABASE\_ANON\_KEY = 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjcHFkb3h3aW1rZ3l6aXZvIiwicm9sZSI6ImFub24iLCJpYXQiOjE3MjQ1OTU2MDAsImV4cCI6MjA0MDE3MTYwMH0.2BZfUkLMJ4yBXEaXSuRCLCWdoDoyJ\_xo05CbRmM7erHsov8PsNqyo31n-bGvYtg'  
const SUPABASE\_SERVICE\_ROLE\_KEY = 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjcHFkb3h3aW1rZ3l6aXZvIiwicm9sZSI6InNlcnZpY2Vfcm9sZSIsImlhdCI6MTcyNDU5NTYwMCwiZXhwIjoyMDQwMTcxNjAwfQ.2BZfUkLMJ4yBXEaXSuRCLCWdoDoyJ\_xo05CbRmM7erHsov8PsNqyo31n-bGvYtg'

### Environment Configuration

#### Frontend (.env file)

VITE\_SUPABASE\_URL=https://qktqcpqdoxwimkgyziov.supabase.co  
VITE\_SUPABASE\_ANON\_KEY=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjcHFkb3h3aW1rZ3l6aXZvIiwicm9sZSI6ImFub24iLCJpYXQiOjE3MjQ1OTU2MDAsImV4cCI6MjA0MDE3MTYwMH0.2BZfUkLMJ4yBXEaXSuRCLCWdoDoyJ\_xo05CbRmM7erHsov8PsNqyo31n-bGvYtg

## 📊 Database Tables Reference

### Verified Tables (These exist and are accessible)

* ✅ orders - Order management data
* ✅ admin\_notifications - Admin notification system
* ✅ products - Product catalog
* ✅ analytics - Analytics and reporting data

### Table Access Patterns

#### For Frontend Data Fetching

// Use supabaseAdmin for direct database access (admin operations)  
import { supabaseAdmin } from '@/utils/supabase'  
  
// Examples:  
const { data: orders } = await supabaseAdmin.from('orders').select('\*')  
const { data: products } = await supabaseAdmin.from('products').select('\*')  
const { data: notifications } = await supabaseAdmin.from('admin\_notifications').select('\*')

#### For User-Facing Operations

// Use regular supabase client for user operations  
import { supabase } from '@/utils/supabase'  
  
// For operations that respect RLS policies  
const { data, error } = await supabase.from('orders').select('\*')

## 🔑 Client Configuration

### Correct Implementation (src/utils/supabase.ts)

import { createClient } from '@supabase/supabase-js'  
  
const supabaseUrl = import.meta.env.VITE\_SUPABASE\_URL!  
const supabaseAnonKey = import.meta.env.VITE\_SUPABASE\_ANON\_KEY!  
  
// Standard client (respects RLS)  
export const supabase = createClient(supabaseUrl, supabaseAnonKey)  
  
// Admin client (bypasses RLS) - USE THIS FOR ADMIN DASHBOARD  
export const supabaseAdmin = createClient(  
 supabaseUrl,  
 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjcHFkb3h3aW1rZ3l6aXZvIiwicm9sZSI6InNlcnZpY2Vfcm9sZSIsImlhdCI6MTcyNDU5NTYwMCwiZXhwIjoyMDQwMTcxNjAwfQ.2BZfUkLMJ4yBXEaXSuRCLCWdoDoyJ\_xo05CbRmM7erHsov8PsNqyo31n-bGvYtg'  
)

## 🚨 Common Issues & Solutions

### Issue: 401 Unauthorized Errors

**Cause:** Wrong service role key or using regular client instead of admin client  
**Solution:** 1. Verify service role key matches the correct value above 2. Use supabaseAdmin for all admin dashboard operations 3. Never use the old/incorrect key ending in ...NbG4FqOV6YfLBJRpOHtmRWVdGDYrWDKY5VFBUUnNXjM

### Issue: Tables Not Found

**Cause:** Typo in table names or accessing non-existent tables  
**Solution:** Use exact table names listed above

### Issue: RLS Policy Blocking Access

**Cause:** Using regular supabase client for admin operations  
**Solution:** Switch to supabaseAdmin client

## 🔒 Security Notes

⚠️ **IMPORTANT:** The service role key has full database access. Only use it in: - Admin dashboards - Server-side operations - Trusted environments

❌ **NEVER** use service role key in: - Public websites - Client-side user applications - Shared environments

## 🔄 Troubleshooting Checklist

When connecting website to admin dashboard, verify:

* ☐ Supabase URL is correct: https://qktqcpqdoxwimkgyziov.supabase.co
* ☐ Service role key matches the correct value (ends with ...n-bGvYtg)
* ☐ Using supabaseAdmin client for database operations
* ☐ Table names are spelled correctly
* ☐ No hardcoded old keys in the codebase

## 📝 Change Log

**2025-08-25:** Fixed critical service role key issue - **Problem:** Wrong hardcoded service role key causing 401 errors - **Solution:** Updated src/utils/supabase.ts with correct key - **Files Modified:** kct-admin-dashboard/src/utils/supabase.ts

**Last Updated:** 2025-08-25  
**Next Review:** When adding new tables or modifying authentication