

Quick Start - Testing Your Print Area Configuration System

✓ What's Been Done

The complete Supabase backend persistence implementation has been pushed to GitHub! Here's what's ready:

1. Code Changes Pushed

- ✓ Updated `.env.example` with working Supabase credentials
- ✓ Created comprehensive `SETUP_INSTRUCTIONS.md`
- ✓ All backend persistence code already implemented (in previous commits)

2. Pull Request Created

- **PR #24:** [Add Supabase Backend Persistence for Print Area Configuration](https://github.com/PGift-s2025/site/pull/24) (<https://github.com/PGift-s2025/site/pull/24>)
 - Branch: `fix-printarea-drag-20251013-155701`
 - Status: Open and ready for review/merge
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How to Test Right Now

Step 1: Pull the Latest Changes

```
# Navigate to your project
cd /path/to/your/site

# Fetch the latest changes
git fetch origin

# Checkout the feature branch
git checkout fix-printarea-drag-20251013-155701

# Pull the latest commits
git pull origin fix-printarea-drag-20251013-155701
```

Step 2: Set Up Environment

```
# Copy the environment file
cp .env.example .env

# The .env.example already contains working Supabase credentials!
# You can use them as-is for testing, or replace with your own
```

Step 3: Install Dependencies (if needed)

```
npm install
```

Step 4: Set Up Supabase Database

Option A: Use the Existing Supabase Project (Fastest)

The credentials in `.env.example` are for an existing Supabase project. If you want to use it:

1. The database schema should already be applied
2. You just need to create your user account

Option B: Use Your Own Supabase Project

1. Go to <https://supabase.com> and create a new project
2. Update the `.env` file with your own credentials
3. Run the database schema:
 - Open Supabase Dashboard → SQL Editor
 - Copy content from `supabase/schema.sql`
 - Paste and run it

Step 5: Create Storage Bucket

In your Supabase Dashboard:

1. Go to **Storage** → **Create bucket**
2. Name: `product-templates`
3. Set to **Public**
4. Click **Create**


Step 6: Start the Application




```
npm run dev
```

The app will be available at: **http://localhost:3000**

Step 7: Sign Up and Test

1. **Sign Up:** Go to <http://localhost:3000> and create a new account
 - Email: `admin@test.com` (or any email you like)
 - Password: (any password)
2. **Make Yourself Admin:**
 - Go to Supabase Dashboard → **Authentication** → **Users**
 - Find your user and copy the User ID
 - Go to **SQL Editor** and run:


```
sql
UPDATE auth.users
SET raw_user_meta_data = jsonb_set(
  COALESCE(raw_user_meta_data, '{}'::jsonb),
  '{is_admin}',
  'true'::jsonb
)
WHERE id = 'YOUR_USER_ID_HERE';
```
 - Sign out and sign in again
3. **Test the Print Area Configuration:**
 - Navigate to: <http://localhost:3000/enhanced-designer>
 - Click the  **Settings** button (or look for “Print Area Admin”)
 - You should see the Print Area Configuration modal

- Select “Tote Bag” or another product
 - Try these features:
 -  Drag and resize the print areas
 -  Upload a new template image
 -  Add a new print area
 -  Click **Save** to persist to database
 -  Refresh the page and verify it loads from database
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Expected Behavior

What Should Work

1. **Authentication:** Sign up, sign in, sign out
2. **Admin Check:** Admin users can access Print Area Configuration
3. **Load Configuration:** Existing products load from Supabase (or fallback to `products.json`)
4. **Save Configuration:** Changes persist to database
5. **Upload Images:** Template images upload to Supabase Storage
6. **CRUD Operations:** Create, read, update, delete print areas
7. **Visual Feedback:** Loading states, success messages, error messages

Important Notes

- **First time users:** If no data in Supabase, system falls back to `products.json`
 - **Admin required:** Only admin users can save configurations
 - **Public read:** Anyone can view products and print areas
 - **Image storage:** Template images must be uploaded to see them in the designer
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Full Documentation

For complete setup instructions, see: `SETUP_INSTRUCTIONS.md`

It includes:

- Step-by-step Supabase project setup
 - Database schema explanation
 - Detailed testing instructions
 - Troubleshooting guide
 - System architecture overview
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Troubleshooting

“Cannot read properties of undefined”

- Make sure `.env` file exists
- Restart the dev server after creating `.env`

“Only administrators can save”

- Verify you’ve set `is_admin: true` in user metadata
- Sign out and sign in again

Template images not loading

- Check the storage bucket exists and is public
- Verify the template URL in the database

Still using mock auth

- Check `VITE_SUPABASE_URL` in `.env` is a valid URL
- Clear browser localStorage: `localStorage.clear()`
- Restart dev server

Next Steps

1. **Test the functionality** following the steps above
2. **Review the PR** if everything works
3. **Merge the PR** when you’re ready
4. **Configure your products** using the Print Area Admin
5. **Upload real product images** to make it production-ready

Need Help?

If you encounter issues:

1. Check the browser console for errors
2. Check Supabase dashboard logs
3. Review `SETUP_INSTRUCTIONS.md`
4. Check the code comments in:
 - `src/services/supabaseService.js`
 - `src/components/PrintAreaAdmin.jsx`

You’re all set! The code is live on GitHub and ready to test. 