





Database Migration Instructions

Current Status

-  Supabase connection: WORKING
-  Tenants table: EXISTS
-  Conversations table: MISSING
-  Messages table: MISSING

Required Action

The database migration must be executed manually through the Supabase Dashboard because programmatic SQL execution is restricted.

Steps to Execute Migration

1. Open Supabase Dashboard

Navigate to: <https://supabase.com/dashboard/project/zddulwamthwhgxdmihny/sql>

2. Copy Migration SQL

Copy the entire contents of the file: `create_tables_manually.sql`

3. Execute in SQL Editor

1. Paste the SQL into the Supabase SQL Editor
2. Click “Run” to execute the migration
3. Wait for completion (should show success messages)

4. Verify Migration

Run the verification script:

```
cd /home/ubuntu/trainable-chatbot
source .env
node verify-migration.js
```

What the Migration Creates

Tables

- `conversations` - Stores conversation metadata
- `messages` - Stores individual messages within conversations

Indexes

- Performance indexes for efficient queries
- Composite indexes for tenant/user filtering

Security

- Row Level Security (RLS) policies
- Tenant isolation
- User access controls

Sample Data

- Demo users (demo@example.com, test@example.com)
- Sample conversation with welcome messages

Expected Result

After successful migration:

- ☒ “Failed to create new conversation” error will be resolved
- ☒ Users can create and manage conversations
- ☒ Messages are properly stored and retrieved
- ☒ Multi-tenant security is enforced

Troubleshooting

If verification fails:

1. Check Supabase Dashboard for error messages
2. Ensure all SQL statements executed successfully
3. Verify RLS policies are created
4. Check that sample data was inserted

Files Involved

- `create_tables_manually.sql` - Main migration script
- `verify-migration.js` - Verification script
- `supabase/migrations/` - Original migration files