

Fix: Missing id Column in org_members Table

Problem

The application is throwing the error:

```
ERROR: 42703: column om.id does not exist
```

This occurs because the `org_members` table is missing its primary key `id` column. The table was likely created without it, or the column was accidentally dropped.

Root Cause

The original migration may have created `org_members` with a composite primary key on `(org_id, user_id)` instead of a proper UUID `id` column. While this works for data integrity, it breaks queries that reference `om.id`.

Correct Table Structure

The `org_members` table should have:

Column	Type	Constraints
id	uuid	PRIMARY KEY, DEFAULT gen_random_uuid()
org_id	uuid	FOREIGN KEY → organizations(id)
user_id	uuid	FOREIGN KEY → auth.users(id)
role	text	CHECK (role IN ('owner', 'admin', 'staff', 'client'))
created_at	timestampz	DEFAULT now()

- Constraints:
- PRIMARY KEY on `id`
 - UNIQUE constraint on `(org_id, user_id)`
 - Foreign keys to `organizations` and `auth.users`

Solution

Quick Fix

Run in Supabase SQL Editor:

```
-- Quick fix: Add id column and set as primary key
ALTER TABLE org_members ADD COLUMN IF NOT EXISTS id uuid DEFAULT gen_random_uuid();
UPDATE org_members SET id = gen_random_uuid() WHERE id IS NULL;
ALTER TABLE org_members ALTER COLUMN id SET NOT NULL;
ALTER TABLE org_members DROP CONSTRAINT IF EXISTS org_members_pkey;
ALTER TABLE org_members ADD PRIMARY KEY (id);
```

Or execute the script:

- supabase/quick_fix_org_members_id.sql

Full Fix with Verification

For a comprehensive fix with verification steps:

- supabase/fix_org_members_structure.sql

Verification

After running the fix, verify with:

```
-- Check structure
SELECT column_name, data_type, is_nullable
FROM information_schema.columns
WHERE table_name = 'org_members'
ORDER BY ordinal_position;

-- Check constraints
SELECT conname, contype, pg_get_constraintdef(oid)
FROM pg_constraint
WHERE conrelid = 'public.org_members'::regclass;

-- Check data
SELECT om.id, om.org_id, om.user_id, om.role, u.email
FROM org_members om
JOIN auth.users u ON u.id = om.user_id
LIMIT 5;
```

Expected output should show:

- id column of type uuid
- Primary key constraint on id
- Unique constraint on (org_id, user_id)
- All rows have unique UUIDs in the id column

Related Files

- supabase/migrations/001_multiempresa.sql - Original table creation
- supabase/fix_base_tables.sql - Base table fixes
- src/contexts/AuthContext.tsx - Uses org_members for context