

Fix: org_members Role Issue

Problem

The `org_members` table has an incorrect role value:

```
{
  "org_id": "f1d977d1-a4c8-44b9-951b-064b9e632ef9",
  "user_id": "b5fcc0ab-ca8d-47d9-b76a-afa641f9b16f",
  "role": "authenticated", // ✗ WRONG!
  "id": "b5fcc0ab-ca8d-47d9-b76a-afa641f9b16f" // ✗ Same as user_id
}
```

Issues Found:

- Role is “authenticated”** - This is not a valid role. It appears the Supabase auth role was used instead of the application role.
- id equals user_id** - The `id` field should be a unique UUID for the membership record, not the same as `user_id`.

Valid Roles

The `org_members.role` field should be one of:

Role	Description
owner	Organization owner, full permissions
admin	Administrator, can manage processes and members
staff	Staff member, can view and update processes
client	Client, limited view access

Why This Happened

The role value “authenticated” likely came from:

- Copying the Supabase auth role instead of setting the application role
- A bug in the user creation/linkage script
- Missing CHECK constraint allowing any value

How to Fix

Option 1: Quick Fix (Recommended)

Run in Supabase SQL Editor:

```
-- Update the role
UPDATE org_members
SET role = 'admin'
WHERE user_id = (
    SELECT id FROM auth.users WHERE email = 'germanoreis2024@gmail.com'
);

-- Verify
SELECT role, u.email
FROM org_members om
JOIN auth.users u ON u.id = om.user_id
WHERE u.email = 'germanoreis2024@gmail.com';
```

Option 2: Complete Fix

Run the complete fix script: `supabase/fixtures/fix_org_members_role.sql`

This will:

1. Check the current table structure
2. Update the role to 'admin'
3. Add a CHECK constraint to prevent future invalid values
4. Fix the `id` field if needed
5. Verify everything is correct

How to Verify

After running the fix, check:

```
SELECT
    om.id,
    om.org_id,
    om.user_id,
    om.role,
    u.email,
    o.name AS org_name
FROM org_members om
JOIN auth.users u ON u.id = om.user_id
JOIN organizations o ON o.id = om.org_id;
```

Expected result:

- `role` should be `admin` (not `authenticated`)
- `id` should be different from `user_id`

CHECK Constraint

To prevent future invalid roles, the fix adds this constraint:

```
ALTER TABLE org_members ADD CONSTRAINT org_members_role_check
CHECK (role IN ('owner', 'admin', 'staff', 'client'));
```

This ensures only valid roles can be inserted/updated.

Impact on RLS Policies

The RLS policies check the role to determine permissions:

```
-- Example policy check
WHERE (SELECT role FROM org_members WHERE user_id = auth.uid()) IN ('owner', 'admin')
```

With `role = 'authenticated'`, these policies fail and return empty results or 400 errors.

Files Created

- `supabase/fix_org_members_role.sql` - Complete fix with verification
- `supabase/quick_fix_role.sql` - Quick one-liner fix
- `FIX_ORG_MEMBERS_ROLE.md` - This documentation