Fix YouTube Profile Not Showing - Supabase OAuth

Keep the current Supabase Auth implementation. The issue is that YouTube OAuth scopes aren't being requested during Google sign-in.

Code Changes Needed:

1. Update ALL signInWithOAuth calls

Search for every instance of `signInWithOAuth` in the codebase and update it to include YouTube scopes:

```typescript
// Change FROM this:
await supabase.auth.signInWithOAuth({
  provider: 'google',
  options: {
    redirectTo: `${window.location.origin}/auth/callback`
  }
})

// TO this:
await supabase.auth.signInWithOAuth({
  provider: 'google',
  options: {
    redirectTo: `${window.location.origin}/auth/callback`,
    scopes: 'email profile openid https://www.googleapis.com/auth/youtube.readonly https://www.googleapis.com/a
    queryParams: {
      access_type: 'offline',
      prompt: 'consent'
    }
  }
})
```

2. Update the auth callback route

Find the file handling `/auth/callback` (usually `app/auth/callback/route.ts`) and add YouTube data fetching:

typescript

```typescript
export async function GET(request: Request) {
  const requestUrl = new URL(request.url)
  const code = requestUrl.searchParams.get('code')

  if (code) {
    const supabase = createRouteHandlerClient({ cookies })
    const { data: { session } } = await supabase.auth.exchangeCodeForSession(code)

    // ADD THIS YOUTUBE FETCHING CODE:
    if (session?.provider_token) {
      try {
        const response = await fetch(
          'https://www.googleapis.com/youtube/v3/channels?part=snippet&mine=true',
          {
            headers: { 'Authorization': `Bearer ${session.provider_token}` }
          }
        )

        const data = await response.json()
        const channel = data.items?.[0]

        if (channel) {
          // Update user metadata
          await supabase.auth.updateUser({
            data: {
              youtube_channel_id: channel.id,
              youtube_channel_title: channel.snippet.title,
              youtube_channel_thumbnail: channel.snippet.thumbnails.default?.url
            }
          })

          // Update accounts table
          await supabase.from('accounts').upsert({
            user_id: session.user.id,
            youtube_channel_id: channel.id,
            youtube_channel_title: channel.snippet.title,
            youtube_channel_thumbnail: channel.snippet.thumbnails.default?.url,
            access_token: session.provider_token,
            refresh_token: session.provider_refresh_token,
            updated_at: new Date().toISOString()
          }, {
            onConflict: 'user_id'
          })
```

```
      }
    } catch (error) {
      console.error('YouTube fetch error:', error)
    }
  }
}


  return NextResponse.redirect(new URL('/dashboard', requestUrl.origin))
}
```

3. Update profile display components

Find components that display the user avatar/name (Header, Navbar, UserProfile, etc.) and update them:

```typescript
// Update how you get user data:
const user = useUser() // or however you currently get user data

// Use YouTube data with fallbacks:
const displayName = user?.user_metadata?.youtube_channel_title ||
        user?.user_metadata?.full_name ||
        user?.email?.split('@')[0] ||
        'User'

const avatarUrl = user?.user_metadata?.youtube_channel_thumbnail ||
        user?.user_metadata?.avatar_url ||
        '/default-avatar.png'

// In the JSX:
<img
  src={avatarUrl}
  alt={displayName}
  className="h-8 w-8 rounded-full"
  onError={(e) => { e.currentTarget.src = '/default-avatar.png' }}
/>
<span>{displayName}</span>
```

4. Database migration

Run this SQL in Supabase SQL Editor:

```sql
-- Add YouTube fields to accounts table
ALTER TABLE accounts
ADD COLUMN IF NOT EXISTS youtube_channel_id TEXT,
ADD COLUMN IF NOT EXISTS youtube_channel_title TEXT,
ADD COLUMN IF NOT EXISTS youtube_channel_thumbnail TEXT;

-- Add indexes for performance
CREATE INDEX IF NOT EXISTS idx_accounts_youtube_channel_id ON accounts(youtube_channel_id);
```

Files to Search For and Update:

1. **Files containing `signInWithOAuth`** – Add YouTube scopes to all instances
2. **Auth callback route** (usually `app/auth/callback/route.ts`) – Add YouTube fetching
3. **Components showing user profile** (Header, Navbar, Avatar components) – Update display logic
4. **Any auth helper files** (`lib/auth.ts`, `hooks/useAuth.ts`, etc.) – Update if they call signInWithOAuth

Testing:

After making these changes:

1. Sign out completely
2. Clear browser cookies/cache
3. Sign in again with Google
4. Accept all permissions on the consent screen
5. Profile should now display YouTube channel info

Key Points:

- The Supabase dashboard doesn't show "Additional Scopes" field, so scopes MUST be added in code
- The `prompt: 'consent'` forces the permission screen to show all scopes
- YouTube data is stored in `user_metadata` and can be accessed throughout the app
- Always provide fallbacks for display values in case YouTube data isn't available