

Upgrade Plan 404 Error Fix

Issue Description

When a user logged in as an organization clicked on “upgrade plan” from the Settings page (Billing & Subscription tab), they encountered a 404 page not found error.

Root Cause Analysis

1. The Settings page (lines 929, 966, 971 in `Settings.tsx`) contained links pointing to `/subscription`
2. The routing configuration in `App.tsx` only had a route for `/subscription/payment` in the `PublicRouter`
3. There was no `/subscription` route defined in the `AuthenticatedRouter`
4. This caused the application to return a 404 error when authenticated users clicked the upgrade plan links

Solution Implemented

1. Added Route to AuthenticatedRouter (`client/src/App.tsx`)

```
<Route path="/subscription" component={() => <ProtectedRoute component={SubscriptionPayment} />} />
```

Changes Made:

- Added the `/subscription` route to the `AuthenticatedRouter` function
- This route renders the `SubscriptionPayment` component with protection
- The existing code already handles `/subscription/*` paths to display without sidebar/header (line 156)

2. Enhanced SubscriptionPayment Component (`client/src/pages/SubscriptionPayment.tsx`)

Changes Made:

- Imported `useAuth` hook from `AuthContext`
- Modified the `useEffect` hook to prioritize authenticated user data
- The component now automatically populates:
 - Organization ID from `user.currentOrgId`
 - Email from `user.email`
 - Full Name from `user.fullName`
- Falls back to URL parameters if user is not authenticated (maintains backward compatibility)

Code Changes:

```
// Added import
import { useAuth } from "@contexts/AuthContext";

// Get user from auth context
const { user } = useAuth();

// Updated useEffect to prioritize auth context data
useEffect(() => {
  const urlParams = new URLSearchParams(window.location.search);
  const orgId = urlParams.get("orgId");
  const email = urlParams.get("email");
  const name = urlParams.get("name");

  // Prioritize authenticated user data, fall back to URL params
  if (user) {
    setCustomerInfo({
      organizationId: user.currentOrgId || orgId || "",
      email: user.email || email || "",
      name: user.fullName || name || "",
      phone: "",
    });
  } else {
    // Original logic for non-authenticated access
    // ...
  }
}, [user]);
```

Testing Results

Test Scenario 1: “Upgrade Plan” Button

1. Logged in as an organization user (Test Organization)
2. Navigated to Settings → Billing & Subscription tab
3. Clicked “Upgrade Plan” button
4. ☒ Successfully navigated to `/subscription`
5. ☒ Subscription plans displayed correctly (Free, Basic, Pro, Enterprise)
6. ☒ User information pre-filled:
 - Full Name: “Test User”
 - Email: “testuser@example.com”

Test Scenario 2: “View Plans & Upgrade” Button

1. From the same Settings → Billing & Subscription page
2. Clicked “View Plans & Upgrade” button
3. ☒ Successfully navigated to `/subscription`
4. ☒ All subscription plans displayed
5. ☒ User can select a plan and proceed to payment

Test Scenario 3: Plan Selection and Payment Form

1. Selected the Basic plan (₹999.00/monthly)
2. ☒ Plan marked as “Selected”
3. ☒ Payment Information form appeared
4. ☒ Customer details auto-populated from authenticated user
5. ☒ Payment button displays correct amount: “Pay ₹999.00”

Files Modified

1. `client/src/App.tsx` - Added `/subscription` route to `AuthenticatedRouter`
2. `client/src/pages/SubscriptionPayment.tsx` - Enhanced to use auth context data

Benefits

1. **No More 404 Errors:** Users can successfully access the subscription page from settings
2. **Improved UX:** User information is automatically populated, reducing friction
3. **Backward Compatibility:** Still works with URL parameters for public/unauthenticated access
4. **Consistent Routing:** Both authenticated and public subscription flows are properly handled
5. **Seamless Integration:** Works with existing subscription payment system and PayUmoney integration

Additional Notes

- The `/subscription` path is already configured to display without sidebar/header (line 156 in `App.tsx`)
- The subscription plans are fetched from the backend API: `/api/subscription-payments/plans`
- The payment flow integrates with PayUmoney for secure payment processing
- Trial period information is displayed correctly (Trial ends 11/11/2025)

Commit Information

- Commit Hash: 5c5d952
- Commit Message: "Fix 404 error when clicking 'upgrade plan' from organization dashboard"
- Files Changed: 2 files, 22 insertions(+), 9 deletions(-)

Status

✅ **RESOLVED** - All upgrade plan functionality is now working correctly without 404 errors.