

Challenge: Replicate the Alfredo.pt App Shell (UI Layout)

Goal:

Recreate the **exact layout and feel** of the current Alfredo.pt interface (see provided screenshot), using [Next.js 15 App Router](#), **Tailwind CSS**, and **ShadCN**. This is a UI/UX fidelity challenge — **details matter**.

Tech Stack

- **Next.js (App Router)** – structure app with `app/` directory
 - **Tailwind CSS** – for layout and utility-first styling
 - **ShadCN UI** – for components like `Skeleton`, `Button`, `Avatar`, `Breadcrumb`, `Tabs`
 - **Lucide-react** – for sidebar and action icons
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Requirements

1. Global Layout

- Structure the app in `app/layout.tsx` to include:
 - A **fixed sidebar** on the left (collapsible, responsive)
 - A **main content area** on the right
 - Bottom footer with “**Terms & Conditions**” + “**Privacy Policy**” links
-

2. Sidebar

Match sidebar visually and functionally:

- Include logo (placeholder text `Alfredo`)
- Avatar block with name, email, and role (use ShadCN `Avatar`)

- Vertical nav with icons and labels (highlight active route)
- Group sections and support nested menus (see "Account" group) - map the ROUTE object attached below
- Add language switcher at bottom (EN/PT flags)
- Collapse button to toggle icon-only view
- On mobile: sidebar hidden by default, toggled with hamburger

3. Main Content Example Page: **/group**

Recreate this specific page as seen in the screenshot:

Header Section

- Breadcrumb: **Home / Group**
- Title: **Accounts**
- Action: **+ Add new company** (styled as a small primary link)

Tabs

- ShadCN **Tabs** with: **Companies** (default active), **Overview**, **Ranking**

Table/List

Recreate the account list layout with:

- Company logo + name + subtitle (**Company**)
- Columns: **Activity**, **Members**, **Limit**, **Actions**
- Use Tailwind to space elements cleanly
- Include action icons (edit pencil, three dots optional)
- Make the list **responsive** (stack or collapse on mobile)

Pagination Footer

- Simple rows-per-page dropdown + range text + arrow buttons (non-functional OK)
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4. On Every Page

Each page should:

- Show dynamic breadcrumb
 - Include `<h1>` title
 - Show ShadCN `Skeleton` placeholder for content loading
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Suggested Folder Structure

bash

CopyEdit

app/

 layout.tsx

 group/page.tsx

 ...

components/

 ui/

 sidebar.tsx

 layout-shell.tsx

 breadcrumb.tsx

 account-list.tsx

 avatar-card.tsx

 Footer.tsx

 my-custom-component-1.tsx

 my-custom-component-2.tsx



Deliverables

- GitHub repo or deployed Vercel link
 - Include a `README.md` with setup instructions
-

🌟 Bonus

- Add dark mode toggle (ShadCN-ready)
- Animate sidebar toggle
- Add mock search input and view toggles (grid/list)
- Make member count and limit bars dynamic

ROUTES

```
const ROUTES = {
  home: {
    id: "home",
    icon: <Roofing />,
    href: "home"
  },
  accounts: {
    id: "accounts",
    icon: <BubbleChart />,
    href: "accounts"
  },
  account: {
    id: "account",
    icon: <GroupWork />,
    href: "account"
  },
  team: {
    id: "team",
    icon: <GroupWork />,
    href: "team"
  },
  agents: {
    id: "agents",
    icon: <Group />,
    href: "agents"
  },
  activity: {
    id: "activity",
    icon: <WebStories />,
    href: "activity"
  },
  leads: {
    id: "leads",
```

```

    icon: <CompareArrowsSharp />,
    href: "leads"
  },
  subscriptions: {
    id: "subscriptions",
    icon: <Savings />,
    href: "subscriptions"
  },
  landing_pages: {
    id: "landing_pages",
    icon: <StorageTwoTone />,
    href: "landing_pages"
  },
  website: {
    id: "website",
    icon: <Web />,
    href: "website"
  },
  store: {
    id: "store",
    icon: <Store />,
    href: "store"
  },
  settings: {
    id: "settings",
    icon: <Settings />,
    href: "settings",
    dropdownItems: [
      {
        id: "definitions",
        href: "settings"
      },
      {
        id: "billing",
        href: "billing",
        disallowed: (userInfo) => {
          const { accountType, subscriptionInfo } = userInfo;
          // If a company_admin has a subscriptionInfo of an enterprise product,
          // it means he bought an enterprise subscription and needs to be able
          // to access the billing
          const adminWithSubscription =
            subscriptionInfo?.status === "active" &&
            subscriptionInfo?.product.includes("_enterprise");

          if (accountType === "company_admin" && !adminWithSubscription) return true;

          if (["group_admin", "company_leader", "company_employee"].includes(accountType))
            return true;
        }
      }
    ]
  }
}

```

```

    return false;
  }
},
{
  id: "sold",
  href: "sold",
  disallowed: (userInfo) => {
    const { accountType } = userInfo;
    // skip Login As User route for non admins
    if (accountType !== "admin") return true;
    return false;
  }
},
{
  id: "bms",
  href: "bms",
  disallowed: (userInfo) => {
    const { accountType } = userInfo;

    // skip BMS route for non admins
    if (accountType !== "admin") return true;
    return false;
  }
},
{
  id: "loginAsUser",
  disallowed: (userInfo) => {
    const { accountType } = userInfo;

    // skip Login As User route for non admins
    if (accountType !== "admin") return true;
    return false;
  },
  action: "loginAsUser"
},
{
  id: "roadmap",
  href: "roadmap"
},
{
  id: "help",
  action: "help"
},
{
  id: "logout",
  action: "logout"
}

```

1
}
};