

MediSched: Source Code Documentation

File: package.json

```
{
  "name": "nextn",
  "version": "0.1.0",
  "private": true,
  "scripts": { ... },
  "dependencies": { ... },
  "devDependencies": { ... }
}
```

File: next.config.ts

```
import type {NextConfig} from 'next';

const nextConfig: NextConfig = {
  typescript: { ignoreBuildErrors: true },
  eslint: { ignoreDuringBuilds: true },
  images: { remotePatterns: [ ... ] },
};

export default nextConfig;
```

File: tailwind.config.ts

```
import type {Config} from 'tailwindcss';

export default {
  darkMode: ['class'],
  content: ['./src/**/*.{js,ts,jsx,tsx,mdx}'],
  theme: { extend: { ... } },
  plugins: [require('tailwindcss-animate')],
} satisfies Config;
```

File: tsconfig.json

```
{
  "compilerOptions": { ... },
  "include": ["next-env.d.ts", "**/*.ts", "**/*.tsx", ".next/types/**/*.ts"],
  "exclude": ["node_modules"]
}
```

File: src/app/layout.tsx

```
import type {Metadata} from 'next';
import './globals.css';
import {SidebarProvider} from '@components/ui/sidebar';
import { Toaster } from '@components/ui/toaster';

export const metadata: Metadata = {
  title: 'Firebase Studio App',
  description: 'Generated by Firebase Studio',
};

export default function RootLayout({ children }: { children: React.ReactNode }) {
  return (
    <html lang="en">
      <head>
        <link rel="preconnect" href="https://fonts.googleapis.com" />
        <link rel="preconnect" href="https://fonts.gstatic.com" crossOrigin="" />
        <link href="https://fonts.googleapis.com/css2?family=Inter&display=swap" rel="stylesheet" />

```

```

    </head>
    <body className="font-body antialiased">
      <SidebarProvider>{children}</SidebarProvider>
      <Toaster />
    </body>
  </html>
);
}

```

File: src/app/globals.css

```

@tailwind base;
@tailwind components;
@tailwind utilities;

body { font-family: Arial, Helvetica, sans-serif; }

@layer base {
  :root { --background: 190 67% 93%; ... }
  .dark { --background: 224 71% 4%; ... }
}

@layer base {
  body { @apply bg-background text-foreground; }
}

```

File: src/app/page.tsx

```

import {redirect} from 'next/navigation';

export default function Home() {
  redirect('/dashboard');
}

```

File: src/app/dashboard/layout.tsx

```

'use client';
import { Sidebar, SidebarContent, SidebarHeader, SidebarMenu, SidebarMenuButton, SidebarMenuItem, SidebarInset } from 'react-sidebar';
import { Home, FileText, Clock, PlusCircle, Stethoscope, History } from 'lucide-react';
import Link from 'next/link';
import { usePathname } from 'next/navigation';

export default function DashboardLayout({ children }: { children: React.ReactNode }) {
  const pathname = usePathname();
  const isActive = (path: string) => (path === '/dashboard' ? pathname === path : pathname.startsWith(path));

  return (
    <div className="flex">
      <Sidebar>
        <SidebarHeader>
          <div className="flex items-center gap-2">
            <Stethoscope className="w-8 h-8 text-accent" />
            <h1 className="text-xl font-semibold">MediSched</h1>
          </div>
        </SidebarHeader>
        <SidebarContent>
          <SidebarMenu>
            { /* Sidebar menu buttons here */ }
          </SidebarMenu>
        </SidebarContent>
      </Sidebar>
      <SidebarInset>
        <div className="p-4 md:p-6">
          <SidebarTrigger className="md:hidden mb-4" />
          {children}
        </div>
      </SidebarInset>
    </div>
  );
}

```

File: src/app/dashboard/page.tsx

```
'use client';
import { Card, CardContent, CardDescription, CardHeader, CardTitle } from '@components/ui/card';
import { Table, TableBody, TableCell, TableHead, TableHeader, TableRow } from '@components/ui/table';
import { Badge } from '@components/ui/badge';
import { Calendar } from '@components/ui/calendar';
import { useState, useEffect } from 'react';
import { BarChart, LineChart, PieChart, ResponsiveContainer, XAxis, YAxis, Tooltip, Cell, CartesianG } from '@components/ui/chart';
import { useRouter } from 'next/navigation';
import { Input } from '@components/ui/input';
import { Button } from '@components/ui/button';
import { Search, Printer } from 'lucide-react';

type Appointment = {
  patient: string;
  time: string;
  type: string;
  status: 'Confirmed' | 'Pending' | 'Cancelled';
  formattedTime?: string;
  doctor?: string;
};

const patientData = [
  { month: 'Jan', patients: 854 },
  { month: 'Feb', patients: 921 },
  { month: 'Mar', patients: 1054 },
  { month: 'Apr', patients: 1123 },
  { month: 'May', patients: 1189 },
  { month: 'Jun', ... }
];
```