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import React, { useState, useEffect } from 'react';
import { Sparkles, Eye, Edit } from 'lucide-react';

// --- MOCK DATA & STYLING (for standalone demonstration) ---
const colors = { background: 'bg-black', card: 'bg-[#1a1a1a]', text: 'text-white', textMuted: 'text-gray-400', primary: 'text-lime-400', primaryBg: 'bg-lime-400', primaryBgHover: 'hover:bg-lime-500', border: 'border-gray-700' };
const mockUser = {
  name: 'Alexina B.',
  ggCredits: { leader: 6, collaborator: 17, mobilised: 53 },
  activeProject: { id: 7, title: "Leiderdorp Community Cleanup" },
  contributionHistory: { environment: 60, social: 30, animal: 10 },
  globalGoodSummary: "Alexina is translating her vision for a flourishing planet into tangible action through her Urban Greening Initiative. Her work not only contributes to local ecosystem health but also aligns with a broader global movement towards sustainable cities..."
};

// --- HELPER COMPONENTS ---
const Card = ({ children, className = "" }) => ( <div
  className={`${colors.card} rounded-lg ${className}`}> {children} </div> );
const Button = ({ children, onClick, variant = 'primary', className = "" }) => {
  const baseStyle = 'px-4 py-2 rounded-md font-semibold transition-all duration-300 flex items-center justify-center gap-2';
  const styles = { primary: `${colors.primaryBg} text-black ${colors.primaryBgHover}`, secondary: `bg-transparent border-2 ${colors.border} ${colors.text} hover:bg-gray-800` };
  return ( <button onClick={onClick} className={`${baseStyle} ${styles[variant]} ${className}`}> {children} </button> );
};

// --- CORE COMPONENT: Global Good Dashboard ---
const GlobalGoodDashboard = ({ setPage }) => {
  const user = mockUser;

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    const isActive = !!user.activeProject;
    const { environment = 0, social = 0, animal = 0 } =
user.contributionHistory;
    const totalContributions = environment + social + animal;

    const conicGradient = totalContributions > 0 ? `conic-gradient(
      #22c55e 0% ${environment / totalContributions * 100}%, 
      #eab308 ${environment / totalContributions * 100}% ${((environment +
social) / totalContributions * 100)%},
      #f97316 ${((environment + social) / totalContributions * 100)% 100%
) ` : '#1a1a1a';

// Placeholder for the 12-month calendar heatmap
const ContributionCalendar = () => {
    const days = Array.from({ length: 365 });
    return (
        <div className="grid grid-cols-52 grid-rows-7 gap-1 p-4
bg-gray-900 rounded-lg">
            {days.map(_ , i) => {
                const activityLevel = Math.random();
                let colorClass = 'bg-gray-800';
                if (activityLevel > 0.95) colorClass = 'bg-lime-400';
                else if (activityLevel > 0.8) colorClass =
'bg-lime-600';
                else if (activityLevel > 0.6) colorClass =
'bg-lime-800';
                return <div key={i} className={`w-3 h-3 rounded-sm
${colorClass}`}></div>
            }}}
        </div>
    );
};

return (
    <div className="max-w-4xl mx-auto py-12 px-4 animate-fade-in-up">
        <div className="text-center mb-12">

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        <h1 className="text-4xl font-bold">Your Global Good</h1>
        <p className="text-gray-400 mt-2">A reflection of your
contributions to the collective wellbeing.</p>
    </div>

    {/* Main Dial and Summary */}
    <div className="flex flex-col md:flex-row items-center gap-8
mb-12">
        <div className="relative w-72 h-72 flex-shrink-0">
            <div className={`${`absolute inset-0 rounded-full
transition-all duration-500 ${isActive ? 'p-2 bg-lime-500/10' : 'p-1
bg-gray-800'}`}>
                <div className="w-full h-full rounded-full p-1
bg-black">
                    <div className="w-full h-full rounded-full p-8"
style={{ background: conicGradient }}>
                        <div className="w-full h-full bg-black
rounded-full flex flex-col items-center justify-center p-4">
                            <span className="text-lime-400 text-xs
font-bold uppercase tracking-wider">Global Good Credits</span>
                            <div className="text-center mt-2">
                                <p className="text-sm"><span
className="font-bold text-xl">{user.ggCredits.leader}</span> Leader</p>
                                <p className="text-sm"><span
className="font-bold text-xl">{user.ggCredits.collaborator}</span>
Collaborator</p>
                                <p className="text-sm"><span
className="font-bold text-xl">{user.ggCredits.mobilised}</span>
Mobilised</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div className="text-center md:text-left">
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        <h3 className="text-2xl font-bold text-lime-400 mb-4">Your Impact Summary</h3>
        <p className="text-gray-300 italic">{user.globalGoodSummary}</p>
        <Button variant="secondary" className="mt-4 !text-xs"><Sparkles size={14}/> Update with AI</Button>
    </div>
</div>

/* Visual Displays */

<div className="grid grid-cols-1 lg:grid-cols-2 gap-8 mb-12">
    <Card className="p-6">
        <h3 className="text-xl font-bold mb-4">12-Month Contribution Flow</h3>
        <ContributionCalendar />
    </Card>
    <Card className="p-6">
        <h3 className="text-xl font-bold mb-4">Lifetime Ripple of Impact</h3>
        <div className="h-full flex items-center justify-center text-gray-500 italic">[Placeholder for Lifetime Contribution Rings Visual]</div>
    </Card>
</div>

/* Navigation */

<div className="flex flex-col sm:flex-row justify-center items-center gap-4 pt-8 border-t border-gray-800">
    <Button onClick={() => setPage('MyGlobalGoodPrivate')} className="!py-3 !text-lg w-full sm:w-auto">
        <Edit size={18} /> Manage My Profile
    </Button>
    <Button onClick={() => setPage('MyGlobalGoodPublic')} variant="secondary" className="!py-3 !text-lg w-full sm:w-auto">
        <Eye size={18} /> View Public Profile
    </Button>
</div>

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        </div>
    </div>
);
};

// --- Main App Shell (for demonstration) ---
export default function App() {
    const [page, setPage] = useState('GlobalGoodDashboard');

    const renderPage = () => {
        switch (page) {
            case 'GlobalGoodDashboard':
                return <GlobalGoodDashboard setPage={setPage} />;
            case 'MyGlobalGoodPrivate':
                return <div className="text-center p-8">Navigated to the
Private Profile Management!</div>;
            case 'MyGlobalGoodPublic':
                return <div className="text-center p-8">Navigated to the
Public Profile View!</div>;
            default:
                return <GlobalGoodDashboard setPage={setPage} />;
        }
    };
}

return (
    <div className={`${colors.background} ${colors.text} min-h-screen
font-sans`}>
        <main>{renderPage()}</main>
    </div>
);
}
```