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import React, { useState, useEffect } => 'react';
import { User, Book, ShoppingCart, Users, Bell, Search, Star, Heart, Play,
Calendar, MapPin, MessageCircle, Award, ChevronRight, Menu, X, Home, Settings }
from 'lucide-react';

const DogEducationApp = () => {
  const [currentPage, setCurrentPage] = useState('home');
  const [user, setUser] = useState(null); // 'user' est déclaré mais non
utilisé. Gardé pour une future implémentation.
  const [notifications, setNotifications] = useState([]);
  const [isMenuOpen, setIsMenuOpen] = useState(false);

  // Données simulées
  const courses = [
    {
      id: 1,
      title: "Éducation de Base",
      level: "Débutant",
      duration: "4 semaines",
      progress: 65,
      image: "🐕",
      description: "Apprenez les commandes de base: assis, couché, au pied",
      lessons: ["Position assise", "Position couchée", "Rappel", "Marche en
laisse"]
    },
    {
      id: 2,
      title: "Socialisation du Chiot",
      level: "Débutant",
      duration: "6 semaines",
      progress: 30,
      image: "🐶",
      description: "Socialisez votre chiot avec d'autres chiens et humains",
      lessons: ["Rencontres contrôlées", "Jeux sociaux", "Adaptation urbaine"]
    },
    {
      id: 3,
      title: "Dressage Avancé",
      level: "Avancé",
      duration: "8 semaines",
      progress: 0,
      image: "🐾",
      description: "Techniques avancées pour chiens expérimentés",
      lessons: ["Tricks complexes", "Obéissance compétition", "Agilité de base"]
    }
  ];

  const products = [
    {
      id: 1,
      name: "Croquettes Premium Royal Canin",
      price: "CHF 89.90",
      image: "🍲",
      rating: 4.8,

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    category: "Nourriture"
  },
  {
    id: 2,
    name: "Jouet Kong Classic",
    price: "CHF 19.90",
    image: "🐾",
    rating: 4.9,
    category: "Jouets"
  },
  {
    id: 3,
    name: "Laisse Rétractable Flexi",
    price: "CHF 45.90",
    image: "🐕",
    rating: 4.6,
    category: "Accessoires"
  },
  {
    id: 4,
    name: "Friandises d'Entraînement",
    price: "CHF 12.90",
    image: "🍌",
    rating: 4.7,
    category: "Friandises"
  }
];

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const trainers = [
  {
    id: 1,
    name: "Marie Dubois",
    location: "Genève",
    rating: 4.9,
    speciality: "Comportement canin",
    reviews: 127,
    image: "👤",
    price: "CHF 80/h"
  },
  {
    id: 2,
    name: "Jean Martin",
    location: "Lausanne",
    rating: 4.8,
    speciality: "Éducation positive",
    reviews: 89,
    image: "👤",
    price: "CHF 70/h"
  }
];

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const forumPosts = [
  {
    id: 1,

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    title: "Mon chiot ne veut pas faire ses besoins dehors",
    author: "Sarah123",
    replies: 12,
    time: "Il y a 2h",
    category: "Éducation"
  },
  {
    id: 2,
    title: "Quelle nourriture pour un Berger Allemand de 6 mois?",
    author: "DogLover",
    replies: 8,
    time: "Il y a 4h",
    category: "Nutrition"
  }
];

// Simulation de notifications
useEffect(() => {
  setNotifications([
    { id: 1, text: "Rappel: Séance d'entraînement aujourd'hui", time: "Il y a 1h", type: "training" },
    { id: 2, text: "Nouveau cours disponible: Agilité débutant", time: "Il y a 3h", type: "course" },
    { id: 3, text: "Vaccin de rappel dans 3 jours", time: "Hier", type: "health" }
  ]);
}, []); // Le tableau de dépendances vide assure que l'effet ne s'exécute qu'une fois au montage.

const NavigationBar = () => (
  <div className="fixed bottom-0 left-0 right-0 bg-white border-t border-gray-200 px-4 py-2 z-40"> { /* Ajout de z-index */}
    <div className="flex justify-around">
      {[
        { id: 'home', icon: Home, label: 'Accueil' },
        { id: 'courses', icon: Book, label: 'Cours' },
        { id: 'shop', icon: ShoppingCart, label: 'Boutique' },
        { id: 'community', icon: Users, label: 'Communauté' },
        { id: 'profile', icon: User, label: 'Profil' }
      ]}.map(item => (
        <button
          key={item.id}
          onClick={() => setCurrentPage(item.id)}
          className={`flex flex-col items-center p-2 rounded-lg transition-colors ${
            currentPage === item.id ? 'text-blue-600 bg-blue-50' : 'text-gray-600'
          }`}
        >
          <item.icon size={20} />
          <span className="text-xs mt-1">{item.label}</span>
        </button>
      ))}
    </div>

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    </div>
  );

  const Header = ({ title }) => (
    <div className="bg-gradient-to-r from-blue-600 to-purple-600 text-white p-4 flex items-center justify-between shadow-md">
      <h1 className="text-xl font-bold">{title}</h1>
      <div className="flex items-center space-x-3">
        <button className="relative">
          <Bell size={24} />
          {notifications.length > 0 && (
            <span className="absolute -top-2 -right-2 bg-red-500 text-white text-xs rounded-full w-5 h-5 flex items-center justify-center">
              {notifications.length}
            </span>
          )}
        </button>
        <button onClick={() => setIsMenuOpen(!isMenuOpen)}>
          <Menu size={24} />
        </button>
      </div>
    </div>
  );

  const HomePage = () => (
    <div className="pb-20"> { /* Ajout de padding-bottom pour éviter que le contenu soit caché par la barre de navigation */ }
    <Header title="Éducation Canine Suisse" />

    { /* Hero Section */ }
    <div className="bg-gradient-to-r from-blue-500 to-purple-600 text-white p-6 m-4 rounded-2xl">
      <div className="text-center">
        <div className="text-6xl mb-4">🐾</div>
        <h2 className="text-2xl font-bold mb-2">Bienvenue dans votre parcours d'éducation canine!</h2>
        <p className="text-blue-100 mb-4">Découvrez nos cours personnalisés et notre boutique spécialisée</p>
        <button className="bg-white text-blue-600 px-6 py-3 rounded-full font-semibold">
          Commencer maintenant
        </button>
      </div>
    </div>

    { /* Quick Stats */ }
    <div className="grid grid-cols-3 gap-4 mx-4 mb-6">
      <div className="bg-green-50 p-4 rounded-xl text-center">
        <div className="text-2xl mb-2">📅</div>
        <div className="text-2xl font-bold text-green-600">3</div>
        <div className="text-sm text-green-700">Cours actifs</div>
      </div>
      <div className="bg-blue-50 p-4 rounded-xl text-center">
        <div className="text-2xl mb-2">★</div>
      </div>
    </div>
  );

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        <div className="text-2xl font-bold text-blue-600">85%</div>
        <div className="text-sm text-blue-700">Progression</div>
    </div>
    <div className="bg-purple-50 p-4 rounded-xl text-center">
        <div className="text-2xl mb-2">📖</div>
        <div className="text-2xl font-bold text-purple-600">12</div>
        <div className="text-sm text-purple-700">Réussites</div>
    </div>
</div>

{/* Today's Tasks */}
<div className="mx-4 mb-6">
    <h3 className="text-lg font-bold mb-3">Aujourd'hui</h3>
    <div className="space-y-3">
        <div className="bg-white p-4 rounded-xl border border-gray-100 flex
items-center">
            <div className="text-2xl mr-4">📅</div>
            <div className="flex-1">
                <h4 className="font-semibold">Leçon: Position assise</h4>
                <p className="text-sm text-gray-600">15 minutes • Éducation de
base</p>
            </div>
            <ChevronRight className="text-gray-400" size={20} />
        </div>
        <div className="bg-white p-4 rounded-xl border border-gray-100 flex
items-center">
            <div className="text-2xl mr-4">📅</div>
            <div className="flex-1">
                <h4 className="font-semibold">Rappel vaccination</h4>
                <p className="text-sm text-gray-600">Dans 3 jours</p>
            </div>
            <ChevronRight className="text-gray-400" size={20} />
        </div>
    </div>
</div>

{/* Quick Actions */}
<div className="mx-4">
    <h3 className="text-lg font-bold mb-3">Actions rapides</h3>
    <div className="grid grid-cols-2 gap-4">
        <button
            onClick={() => setCurrentPage('courses')}
            className="bg-white p-4 rounded-xl border border-gray-100
text-center">
            >
            <div className="text-3xl mb-2">📖</div>
            <div className="font-semibold">Mes Cours</div>
        </button>
        <button
            onClick={() => setCurrentPage('shop')}
            className="bg-white p-4 rounded-xl border border-gray-100
text-center">
            >
            <div className="text-3xl mb-2">🛒</div>

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        <div className="font-semibold">Boutique</div>
      </button>
    </div>
  </div>
</div>
);

const CoursesPage = () => (
  <div className="pb-20">
    <Header title="Mes Cours" />

    <div className="p-4">
      {/* Progress Overview */}
      <div className="bg-gradient-to-r from-green-400 to-blue-500 text-white
p-6 rounded-2xl mb-6">
        <h2 className="text-xl font-bold mb-2">Votre Progression</h2>
        <p className="text-green-100 mb-4">Continuez votre excellent
travail!</p>
        <div className="bg-white bg-opacity-20 rounded-full h-3 mb-2">
          <div className="bg-white rounded-full h-3 w-2/3"></div> {/* W-2/3
est une valeur fixe, pourrait être dynamique */}
        </div>
        <p className="text-sm">65% complété</p> {/* Cette valeur devrait aussi
être dynamique */}
      </div>

      {/* Course List */}
      <div className="space-y-4">
        {courses.map(course => (
          <div key={course.id} className="bg-white rounded-2xl border
border-gray-100 overflow-hidden">
            <div className="p-4">
              <div className="flex items-start justify-between mb-3">
                <div className="flex items-center">
                  <div className="text-3xl mr-3">{course.image}</div>
                  <div>
                    <h3 className="font-bold text-lg">{course.title}</h3>
                    <div className="flex items-center text-sm text-gray-600">
                      <span className="bg-blue-100 text-blue-800 px-2 py-1
rounded-full mr-2">
                        {course.level}
                      </span>
                      <span>{course.duration}</span>
                    </div>
                  </div>
                </div>
                <button className="text-blue-600">
                  <Play size={24} />
                </button>
              </div>

              <p className="text-gray-600 mb-3">{course.description}</p>

              <div className="mb-3">

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    <div className="flex justify-between text-sm mb-1">
      <span>Progression</span>
      <span>{course.progress}%</span>
    </div>
    <div className="bg-gray-200 rounded-full h-2">
      <div
        className="bg-blue-600 rounded-full h-2 transition-all
duration-300"
        style={{ width: `${course.progress}%` }}
      ></div>
    </div>
  </div>

  <div className="space-y-2">
    <h4 className="font-semibold text-sm">Leçons:</h4>
    {course.lessons.map((lesson, index) => (
      <div key={index} className="flex items-center text-sm"> {/*
index comme key est ok si la liste est statique */}
        <div className={`w-2 h-2 rounded-full mr-3 ${
          index < course.lessons.length * (course.progress / 100)
            ? 'bg-green-500' : 'bg-gray-300'
        }`} ></div>
        <span>{lesson}</span>
      </div>
    ))}
  </div>
</div>
</div>
))}
</div>

  {/* Add New Course */}
  <button className="w-full bg-blue-600 text-white p-4 rounded-2xl mt-6
font-semibold">
    Découvrir plus de cours
  </button>
</div>
</div>
);

const ShopPage = () => (
  <div className="pb-20">
    <Header title="Boutique" />

    <div className="p-4">
      {/* Search Bar */}
      <div className="relative mb-6">
        <Search className="absolute left-3 top-3 text-gray-400" size={20} />
        <input
          type="text"
          placeholder="Rechercher des produits..."
          className="w-full pl-10 pr-4 py-3 border border-gray-200
rounded-2xl"
        />

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</div>

{/* Categories */}
<div className="flex space-x-3 mb-6 overflow-x-auto">
  {[ 'Tous', 'Nourriture', 'Jouets', 'Accessoires',
'Friandises'].map(category => (
    <button
      key={category}
      className="px-4 py-2 bg-gray-100 rounded-full whitespace-nowrap
text-sm font-medium"
    >
      {category}
    </button>
  ))}
</div>

{/* Featured Banner */}
<div className="bg-gradient-to-r from-orange-400 to-red-500 text-white
p-6 rounded-2xl mb-6">
  <h2 className="text-xl font-bold mb-2">☕ Offres Spéciales</h2>
  <p className="text-orange-100 mb-3">Jusqu'à -30% sur une sélection de
produits</p>
  <button className="bg-white text-orange-600 px-4 py-2 rounded-full
font-semibold text-sm">
    Voir les offres
  </button>
</div>

{/* Products Grid */}
<div className="grid grid-cols-2 gap-4">
  {products.map(product => (
    <div key={product.id} className="bg-white rounded-2xl border
border-gray-100 overflow-hidden">
      <div className="p-4">
        <div className="text-4xl text-center mb-3">{product.image}</div>
        <h3 className="font-semibold text-sm mb-2">{product.name}</h3>

        <div className="flex items-center mb-2">
          <Star className="text-yellow-400 fill-current" size={14} />
          <span className="text-xs text-gray-600
ml-1">{product.rating}</span>
        </div>

        <div className="flex items-center justify-between">
          <span className="font-bold
text-blue-600">{product.price}</span>
          <button className="bg-blue-600 text-white p-2 rounded-full">
            <ShoppingCart size={16} />
          </button>
        </div>
      </div>
    </div>
  ))}
</div>

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