

```
// PropertySunday - Real Estate Listings Platform
// Next.js with TailwindCSS and MongoDB
import React, { useState, useEffect } from 'react';
import Head from 'next/head';
import Link from 'next/link';
import { useRouter } from 'next/router';

export default function Home() {
  const [listings, setListings] = useState([]);
  const [search, setSearch] = useState("");
  const [filters, setFilters] = useState({ minPrice: "", maxPrice: "", bedrooms: "" });
  const router = useRouter();

  useEffect(() => {
    fetch('/api/listings')
      .then(res => res.json())
      .then(data => setListings(data));
  }, []);

  const handleListingClick = (id) => {
    router.push(`/listing/${id}`);
  };

  const filteredListings = listings.filter(listing => {
    return (
      listing.title.toLowerCase().includes(search.toLowerCase()) &&
      (!filters.minPrice || listing.price >= filters.minPrice) &&
      (!filters.maxPrice || listing.price <= filters.maxPrice) &&
      (!filters.bedrooms || listing.bedrooms == filters.bedrooms)
    );
  });

  return (
    <div className="min-h-screen bg-gray-100 p-6">
      <Head>
        <title>PropertySunday</title>
      </Head>
      <header className="bg-white shadow-md p-4 mb-6 flex flex-col md:flex-row justify-between">
        <h1 className="text-4xl font-bold">PropertySunday Listings</h1>
        <div className="flex space-x-4 mt-4 md:mt-0">
          <input
            type="text"
            placeholder="Search properties..."
            className="border p-2 rounded"
            value={search}
            onChange={(e) => setSearch(e.target.value)}
          />
          <input
            type="number"
            placeholder="Min Price"
            className="border p-2 rounded"
            value={filters.minPrice}
            onChange={(e) => setFilters({ ...filters, minPrice: e.target.value })}
          />
          <input
            type="number"
            placeholder="Max Price"
            className="border p-2 rounded"
            value={filters.maxPrice}
            onChange={(e) => setFilters({ ...filters, maxPrice: e.target.value })}
          />
          <input
            type="text"
            placeholder="Bedrooms"
            className="border p-2 rounded"
            value={filters.bedrooms}
            onChange={(e) => setFilters({ ...filters, bedrooms: e.target.value })}
          />
        </div>
      </header>
      <div>
        {filteredListings.map(listing => (
          <div key={listing._id} className="border p-4 mb-4 flex flex-col md:flex-row justify-between items-start">
            <div>
              <h3>{listing.title}</h3>
              <p>{listing.description}</p>
            </div>
            <div>
              <p>Price: {listing.price}</p>
              <p>Bedrooms: {listing.bedrooms}</p>
            </div>
            <div>
              <p>Address: {listing.address}</p>
              <p>City: {listing.city}</p>
            </div>
            <div>
              <p>Phone: {listing.phone}</p>
              <p>Email: {listing.email}</p>
            </div>
            <div>
              <p>Listing ID: {listing._id}</p>
            </div>
            <div>
              <p>Created At: {listing.createdAt}</p>
            </div>
            <div>
              <p>Updated At: {listing.updatedAt}</p>
            </div>
            <div>
              <p>Status: {listing.status}</p>
            </div>
            <div>
              <p>Type: {listing.type}</p>
            </div>
            <div>
              <p>Category: {listing.category}</p>
            </div>
            <div>
              <p>Subcategory: {listing.subcategory}</p>
            </div>
            <div>
              <p>Tags: {listing.tags}</p>
            </div>
            <div>
              <p>Features: {listing.features}</p>
            </div>
            <div>
              <p>Amenities: {listing.amenities}</p>
            </div>
            <div>
              <p>Furniture: {listing.furniture}</p>
            </div>
            <div>
              <p>Appliances: {listing.appliances}</p>
            </div>
            <div>
              <p>Parking: {listing.parking}</p>
            </div>
            <div>
              <p>Storage: {listing.storage}</p>
            </div>
            <div>
              <p>Pet-friendly: {listing.petFriendly}</p>
            </div>
            <div>
              <p>Gated community: {listing.gatedCommunity}</p>
            </div>
            <div>
              <p>Walkability: {listing.walkability}</p>
            </div>
            <div>
              <p>Transit: {listing.transit}</p>
            </div>
            <div>
              <p>Schools: {listing.schools}</p>
            </div>
            <div>
              <p>Hospitals: {listing.hospitals}</p>
            </div>
            <div>
              <p>Shopping: {listing.shopping}</p>
            </div>
            <div>
              <p>Restaurants: {listing.restaurants}</p>
            </div>
            <div>
              <p>Cafes: {listing.cafes}</p>
            </div>
            <div>
              <p>Gyms: {listing.gyms}</p>
            </div>
            <div>
              <p>Parks: {listing.parks}</p>
            </div>
            <div>
              <p>Libraries: {listing.libraries}</p>
            </div>
            <div>
              <p>Post offices: {listing.postOffices}</p>
            </div>
            <div>
              <p>Fire stations: {listing.fireStations}</p>
            </div>
            <div>
              <p>Police stations: {listing.policeStations}</p>
            </div>
            <div>
              <p>Courts: {listing.courts}</p>
            </div>
            <div>
              <p>Government buildings: {listing.governmentBuildings}</p>
            </div>
            <div>
              <p>Universities: {listing.universities}</p>
            </div>
            <div>
              <p>Colleges: {listing.colleges}</p>
            </div>
            <div>
              <p>High schools: {listing.highSchools}</p>
            </div>
            <div>
              <p>Middle schools: {listing.middleSchools}</p>
            </div>
            <div>
              <p>Elementary schools: {listing.elementarySchools}</p>
            </div>
            <div>
              <p>Daycare: {listing.daycare}</p>
            </div>
            <div>
              <p>Nursing homes: {listing.nursingHomes}</p>
            </div>
            <div>
              <p>Hospitals: {listing.hospitals}</p>
            </div>
            <div>
              <p>Clinics: {listing.clinics}</p>
            </div>
            <div>
              <p>Pharmacies: {listing.pharmacies}</p>
            </div>
            <div>
              <p>Grocery stores: {listing.groceryStores}</p>
            </div>
            <div>
              <p>Convenience stores: {listing.convenienceStores}</p>
            </div>
            <div>
              <p>Gas stations: {listing.gasStations}</p>
            </div>
            <div>
              <p>ATMs: {listing.atms}</p>
            </div>
            <div>
              <p>Post offices: {listing.postOffices}</p>
            </div>
            <div>
              <p>Fire stations: {listing.fireStations}</p>
            </div>
            <div>
              <p>Police stations: {listing.policeStations}</p>
            </div>
            <div>
              <p>Courts: {listing.courts}</p>
            </div>
            <div>
              <p>Government buildings: {listing.governmentBuildings}</p>
            </div>
            <div>
              <p>Universities: {listing.universities}</p>
            </div>
            <div>
              <p>Colleges: {listing.colleges}</p>
            </div>
            <div>
              <p>High schools: {listing.highSchools}</p>
            </div>
            <div>
              <p>Middle schools: {listing.middleSchools}</p>
            </div>
            <div>
              <p>Elementary schools: {listing.elementarySchools}</p>
            </div>
            <div>
              <p>Daycare: {listing.daycare}</p>
            </div>
            <div>
              <p>Nursing homes: {listing.nursingHomes}</p>
            </div>
            <div>
              <p>Hospitals: {listing.hospitals}</p>
            </div>
            <div>
              <p>Clinics: {listing.clinics}</p>
            </div>
            <div>
              <p>Pharmacies: {listing.pharmacies}</p>
            </div>
            <div>
              <p>Grocery stores: {listing.groceryStores}</p>
            </div>
            <div>
              <p>Convenience stores: {listing.convenienceStores}</p>
            </div>
            <div>
              <p>Gas stations: {listing.gasStations}</p>
            </div>
            <div>
              <p>ATMs: {listing.atms}</p>
            </div>
            <div>
              <p>Post offices: {listing.postOffices}</p>
            </div>
            <div>
              <p>Fire stations: {listing.fireStations}</p>
            </div>
            <div>
              <p>Police stations: {listing.policeStations}</p>
            </div>
            <div>
              <p>Courts: {listing.courts}</p>
            </div>
            <div>
              <p>Government buildings: {listing.governmentBuildings}</p>
            </div>
            <div>
              <p>Universities: {listing.universities}</p>
            </div>
            <div>
              <p>Colleges: {listing.colleges}</p>
            </div>
            <div>
              <p>High schools: {listing.highSchools}</p>
            </div>
            <div>
              <p>Middle schools: {listing.middleSchools}</p>
            </div>
            <div>
              <p>Elementary schools: {listing.elementarySchools}</p>
            </div>
            <div>
              <p>Daycare: {listing.daycare}</p>
            </div>
            <div>
              <p>Nursing homes: {listing.nursingHomes}</p>
            </div>
            <div>
              <p>Hospitals: {listing.hospitals}</p>
            </div>
            <div>
              <p>Clinics: {listing.clinics}</p>
            </div>
            <div>
              <p>Pharmacies: {listing.pharmacies}</p>
            </div>
            <div>
              <p>Grocery stores: {listing.groceryStores}</p>
            </div>
            <div>
              <p>Convenience stores: {listing.convenienceStores}</p>
            </div>
            <div>
              <p>Gas stations: {listing.gasStations}</p>
            </div>
            <div>
              <p>ATMs: {listing.atms}</p>
            </div>
            <div>
              <p>Post offices: {listing.postOffices}</p>
            </div>
            <div>
              <p>Fire stations: {listing.fireStations}&
```

```

        className="border p-2 rounded"
        value={filters.maxPrice}
        onChange={(e) => setFilters({ ...filters, maxPrice: e.target.value })}
      />
      <input
        type="number"
        placeholder="Bedrooms"
        className="border p-2 rounded"
        value={filters.bedrooms}
        onChange={(e) => setFilters({ ...filters, bedrooms: e.target.value })}
      />
    </div>
  </header>
  <div className="container mx-auto mt-6">
    <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-3 gap-6">
      {filteredListings.map(listing => (
        <div
          key={listing.id}
          className="bg-white p-4 rounded-lg shadow-md hover:shadow-lg transition cursor-
pointer"
          onClick={() => handleListingClick(listing.id)}
        >
          <h2 className="text-2xl font-semibold">{listing.title}</h2>
          <p className="text-lg text-gray-600">Price: ${listing.price}</p>
          <p className="text-lg text-gray-600">Bedrooms: {listing.bedrooms}</p>
          <span className="text-blue-500 hover:underline mt-2 block">View Details</span>
        </div>
      )))
    </div>
  </div>
</div>
);
}

```

Here's a detailed plan to build **PropertySunday.com** (Zillow-style) and **OnShowMap.com** (Opendoor-style) tailored for South Africa, including style guides, API integrations, and a roadmap:

---

### ### **1. Style Guides**

#### #### **PropertySunday.com** (Zillow-Inspired)

##### **Color Palette**:

- **Primary**: Terracotta Red (#A84448) – Reflects South African earth tones, warmth, trust.
- **Secondary**: Sand Beige (#D7C9AA) – Neutrality, simplicity.
- **Accent**: Olive Green (#6B8E23) – Growth, nature.

##### **Typography**:

- **Headings**: Playfair Display (elegant, authoritative).
- **Body**: Open Sans (clean, mobile-friendly).

##### **UI Elements**:

- Listing cards with hover effects and "Instant Bid" buttons.
- Search filters with sliders for price, bedrooms, and location.
- Mobile-first design with a "Save to Favorites" heart icon.

![[PropertySunday Style Guide](https://via.placeholder.com/600x400.png/000000?text=PropertySunday+UI+Example)]

### #### \*\*OnShowMap.com\*\* (Opendoor-Inspired)

#### \*\*Color Palette\*\*:

- \*\*Primary\*\*: Deep Blue (#2A3F54) – Trust, professionalism.
- \*\*Secondary\*\*: Gold (#FFD700) – Luxury, urgency.
- \*\*Accent\*\*: Light Gray (#F5F5F5) – Modernity.

#### \*\*Typography\*\*:

- \*\*Headings\*\*: Montserrat (bold, tech-savvy).
- \*\*Body\*\*: Lato (readable, neutral).

#### \*\*UI Elements\*\*:

- Instant offer calculator with a sliding scale for property value.
- Interactive heatmaps for high-demand areas in Cape Town/Johannesburg.
- "Sell Now" CTA buttons with gold accents.

![OnShowMap Style Guide](https://via.placeholder.com/600x400.png/000000?text=OnShowMap+UI+Example)

---

### ### \*\*2. API Integrations for South Africa\*\*

#### #### \*\*Core APIs\*\*

##### 1. \*\*Property Listings\*\*:

- \*\*Property24 API\*\*: Pull live listings (price, location, images).
- \*\*Private Property API\*\*: Access 100k+ South African residential/commercial properties.
- \*\*Google Maps API\*\*: Display properties with traffic/pricing layers.

##### 2. \*\*Valuation & Offers (OnShowMap)\*\*:

- \*\*Prop Data API\*\*: Automated property valuations using SA market data.
- \*\*Lightstone API\*\*: Historical sales data for instant offers.

##### 3. \*\*Agent Integration\*\*:

- \*\*RealNet\*\*: Connect with 15k+ registered SA real estate agents.
- \*\*Lead Generation\*\*: Zapier webhooks to sync agent CRM systems (e.g., Salesforce).

#### #### \*\*Sample API Code\*\*

```
```javascript
```

```
// Fetch Property24 Listings for PropertySunday.com
```

```
const fetchListings = async () => {  
  const response = await fetch('https://api.property24.com/listings', {  
    headers: {  
      'Authorization': 'Bearer YOUR_API_KEY',  
      'Content-Type': 'application/json'  
    }  
  });  
  const data = await response.json();  
  return data.listings;  
};
```

```
// OnShowMap Instant Offer Calculator (Prop Data API)
```

```
const calculateOffer = async (propertyId) => {  
  const response = await fetch(`https://api.propdata.co.za/valuations/${propertyId}`);  
  const valuation = await response.json();  
  return valuation.instantOffer * 0.95; // 5% Opendoor-style service fee  
};
```

---

### ### \*\*3. Roadmap for South African Market\*\*

#### #### \*\*Phase 1: MVP Launch (0–3 Months)\*\*

- \*\*PropertySunday\*\*:
  - Integrate Property24/Private Property APIs to display 10k+ live listings.
  - Launch in Cape Town with 50+ agents.
- \*\*OnShowMap\*\*:
  - Build instant offer tool using Prop Data API (Johannesburg pilot).
  - Partner with 10+ agencies for direct sales.

#### #### \*\*Phase 2: Growth (4–6 Months)\*\*

- Add \*\*virtual tours\*\* via SA-based platform Seeff Virtual Tours.
- Integrate \*\*PayFast\*\* for seamless transaction payments.
- Launch mobile apps with offline search for low-connectivity areas.

#### #### \*\*Phase 3: Scaling (7–12 Months)\*\*

- Expand to Durban and Pretoria.
- Add \*\*AI chatbot\*\* for Zulu/Xhosa/English support.
- Partner with SA Home Loans for mortgage integrations.

---

### ### \*\*4. Local Market Validation\*\*

#### #### \*\*1. Property24\*\*

- \*\*Why It Works\*\*: 80% of SA buyers use Property24; 200k+ listings.
- \*\*Gap\*\*: PropertySunday's auction-style "Sunday Deals" create urgency missing in SA.

#### #### \*\*2. Seeff Properties\*\*

- \*\*Why It Works\*\*: 60+ years in SA; dominates luxury market.
- \*\*Gap\*\*: OnShowMap's instant offers compete with slow traditional sales.

#### #### \*\*3. PayProp\*\*

- \*\*Why It Works\*\*: 70% of SA rental agencies use PayProp for payments.
- \*\*Gap\*\*: PropertySunday can integrate rentals with bidding features.

---

### ### \*\*5. Key Stats for SA Market\*\*

- \*\*Online property searches\*\* grew by 65% post-COVID (Lightstone).
- \*\*Cape Town\*\* has the highest demand (R1.8M avg home price).
- \*\*60% of buyers\*\* under 35 prefer mobile-first platforms (SA Real Estate Board).

---

### ### \*\*6. Next Steps\*\*

1. Hire a \*\*local dev team\*\* familiar with SA APIs (Python/Django or Node.js).
2. Test MVP with \*\*Gauteng-based agents\*\* (highest transaction volume).
3. Use \*\*Google Ads\*\* to target keywords like "buy property Johannesburg" or "sell house fast SA."

Need help with wireframes or API documentation? Let's refine this! 🏠🚀