

## Documentation — My Property website



Project Source code : <https://github.com/NizarTarik/MyProperty/tree/main>

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## 1- Introduction :

**My Property** is a web-based platform that simplifies the process of buying and selling houses. Users can browse and filter property listings, view detailed information, and contact owners directly through their displayed contact details. By creating an account, users can like, bookmark, and also become sellers by posting their own properties.

## 2- Displaying properties :

Displaying properties with the highest number of likes

```
public function index()
{
    $byMostLikedProperties = Property::withCount(['boxes as likes_count' => function ($query) {
        $query->where('like', true);
    }])
        ->orderBy('likes_count', 'desc')
        ->paginate(9);

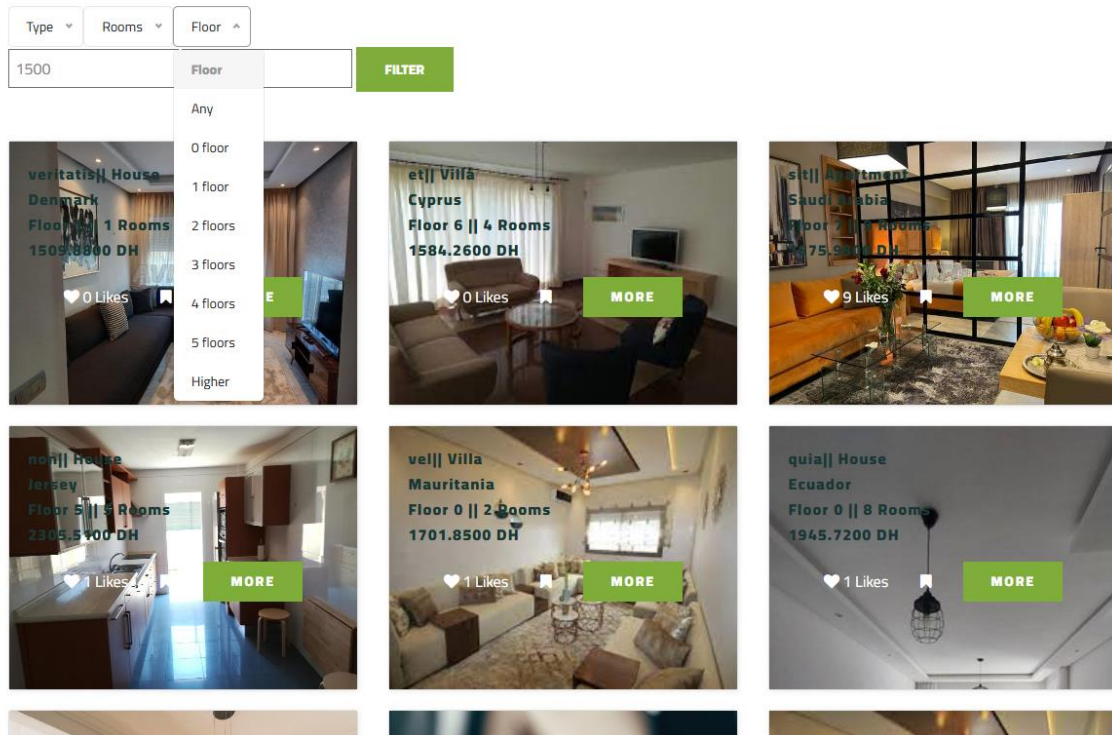
    return view('home', compact('byMostLikedProperties'));
}
```

Looping through most liked properties

```
<div class="row">
  <div class="categories_slider owl-carousel">
    @foreach ($byMostLikedProperties as $property)
      <div class="col-lg-3">
        <p>{{ $property->name }} || <b>{{ $property->city }}</b></p>
        @php
          $imageUrl = filter_var($property->img, FILTER_VALIDATE_URL)
            ? $property->img
            : asset($property->img);
        @endphp
        <div class="categories_item set-bg" data-setbg="{{ $imageUrl }}">
          <h5><a
            href="{{ route('propertyInfo', ['propertyId' => $property->id]) }}">{{ $property->name }}</a>
          </h5>
          <div class="Property-Icons">
            <!-- like Logic -->
            <a href="@auth {{ route('like', ['propertyId' => $property->id]) }} @else {{ route('login') }} @endauth"
              style="color: {{ $auth()->check() &&$auth()->user()->boxes()->where('property_id', $property->id)->where('like', true)->exists()? 'red': 'white' }}">
              <i class="fa fa-heart"></i>
              <span>{{ $property->boxes()->where('like', true)->count() }} Likes</span>
            </a>
            <a href="@auth {{ route('bookmark', ['propertyId' => $property->id]) }} @else {{ route('login') }} @endauth"
              style="color: {{ $auth()->check() &&$auth()->user()->boxes()->where('property_id', $property->id)->where('bookmark', true)->exists()? 'black': 'white' }}">
              <i class="fa fa-bookmark"></i>
            </a>
          </div>
        </div>
      </div>
    @endforeach
  </div>
</div></div>
```

### 3- Filtering properties :

#### Filtering Properties by Criteria



#### Filtering

```
public function filter(Request $request)
{
    $query = Property::query();

    if ($request->has('byType') && $request->filled('byType') && $request->byType !== 'any') {
        $query->where('type', $request->byType);
    }
    if ($request->has('byRoom') && $request->filled('byRoom') && $request->byRoom !== 'any') {
        if ($request->byRoom === 'higher') {
            $query->where('numberOfRooms', '>', 5);
        } else {
            $query->where('numberOfRooms', $request->byRoom);
        }
    }
    if ($request->has('byFloor') && $request->filled('byFloor') && $request->byFloor !== 'any') {
        if ($request->byFloor === 'higher') {
            $query->where('floor', '>', 5);
        } else {
            $query->where('floor', $request->byFloor);
        }
    }
    if ($request->has('maxPrice') && $request->filled('maxPrice')) {
        $query->where('price', '<=', $request->maxPrice);
    }
    if ($request->has('minPrice') && $request->filled('minPrice')) {
        $query->where('price', '>=', $request->minPrice);
    }

    $properties = $query->paginate(9);
    // getting Most Liked Properties
    $byMostLikedProperties = Property::withCount(['boxes as likes_count' => function ($query) {
        $query->where('like', true);
    }])
        ->orderBy('likes_count', 'desc')
        ->paginate(9);

    return view('frontend.properties.properties', compact('properties', 'byMostLikedProperties'));
}
```

4- Seller's informations and similar properties :

```
public function propertyInfo($propertyId)
{
    $property = Property::with('seller')->findOrFail($propertyId);

    $relatedProperties = Property::where('type', $property->type)

        ->where('price', '>=', $property->price - 100000)
        ->where('price', '<=', $property->price + 100000)

        ->where('id', '!=', $propertyId)
        ->get();

    return view('frontend.properties.propertyInfo', compact('property', 'relatedProperties'));
}
```



sit || Apartment

**Country :**Saudi Arabia ||  
**City :** Haleyburgh  
**Small Description :** Qui fuga ut nisi modi perferendis sed.  
9 rooms || Floor 7  
**Postal Code :** 74400-3572  
**Price :** 1675.9800 DH

Seller

curtis.tillman || russel.foster@example.com  
**Address :** 913 Klein Glens East Dakota, ND 95627-3583  
**Phone :** +1-323-276-0078

RELATED PROPERTIES



## 5- Liking and bookmarking a property :

### Liking a Property

```
//Like
public function like($propertyId)
{
    $box = Box::where('user_id', auth()->user()->id)
        ->where('property_id', $propertyId)
        ->first();

    if ($box) {
        if (!$box->like) {
            $box->like = true;
            $box->save();
        }
    } else {
        $box = new Box();
        $box->like = true;
        $box->user_id = auth()->user()->id;
        $box->property_id = $propertyId;
        $box->save();
    }

    return redirect()->back();
}
```

### Bookmarking a Property

```
//Book
public function bookMark($propertyId)
{
    $box = Box::where('user_id', auth()->user()->id)
        ->where('property_id', $propertyId)
        ->first();

    if ($box) {
        if (!$box->bookmark) {
            $box->bookmark = true;
            $box->save();
        }
    } else {
        $box = new Box();
        $box->bookmark = true;
        $box->user_id = auth()->user()->id;
        $box->property_id = $propertyId;
        $box->save();
    }

    return redirect()->back();
}
```

## 6- Posting and user's posted properties :

### Posting a Property

```
public function postProperty(Request $request)
{
    $request->validate([
        'country' => 'required',
        'price' => 'required|numeric|min:0',
        'type' => 'required',
        'name' => 'required',
        'description' => 'required',
        'rooms' => 'required|integer|min:1',
        'city' => 'required',
        'address' => 'required',
        'postalCode' => 'required',
        'floor' => 'required',
        'img' => 'required|mimes:jpeg,png,jpg,avif',
    ]);

    if (!auth()->check()) {
        return redirect()->route('login')->with('error', 'You need to login to post a property.');
```

```
    }

    $user = auth()->user();

    if (!$user) {
        return redirect()->back()->with('error', 'User not found.');
```

```
    }

    $property = new Property();
    $property->name = $request->name;
    $property->description = $request->description;
    $property->numberOfRooms = $request->rooms;
    $property->floor = $request->floor;
    $property->city = $request->city;
    $property->address = $request->address;
    $property->country = $request->country;
    $property->price = $request->price;
    $property->type = $request->type;
    $property->postalCode = $request->postalCode;
    $property->owner_id = $user->id;

    if ($request->hasFile('img')) {
        $image = $request->file('img');
        $imageName = time() . '_' . $image->getClientOriginalName();
        $image->move(public_path('frontend/img/properties'), $imageName);
        $property->img = 'frontend/img/properties/' . $imageName;
    }

    $property->save();

    return redirect()->route('properties')->with('success', 'Property added successfully!');
```

```
    }
}
```

Briouates

example

5

Témara

Av. Tarik Ibn Ziad Bayti Sakan IM 89 APT 3

12000

Choose File

No file chosen

3

Morocco

50000

APARTMENT

POST PROPERTY

## User's posted properties



### Briouates

Apartment  
Morocco | Témara  
50000.0000 DH

[MODIFY](#)[DELETE](#)

♥ 1 Likes

Thank you  
Nizar Tarik