Localhost e Meilisearch

Download Meilisearch :

https://www.meilisearch.com/docs/learn/self_hosted/install_meilisearch_locally

Download the .exe from GitHub releases

https://github.com/meilisearch/meilisearch/releases?utm_source=chatgpt.com

Run server

GitHub Releases theke meilisearch.exe naam er file naman.

C:\meilisearch\ moto folder e rakhun (folder ta thakle bhalo).

Start → "Command Prompt" (Run as Administrator not needed).

cd C:\meilisearch

meilisearch.exe --http-addr 127.0.0.1:7700 --master-key=dev_master_key --db-path "C:\meilisearch\data"

Laravel .env set

SCOUT_DRIVER=meilisearch

MEILISEARCH_HOST=http://127.0.0.1:7700

MEILISEARCH_KEY=dev_master_key

PHP dependencies install

composer require laravel/scout meilisearch/meilisearch-php

php artisan vendor:publish --provider="Laravel\Scout\ScoutServiceProvider" --tag=config

Models e Searchable add

use Searchable;

Index (data) import

php artisan scout:import "App\Models\Model"

Test

Browser e http://127.0.0.1:7700/health (should show {"status":"available"}).

Controller

php artisan make:controller SearchController

Inside controller:

```php
public function index(Request $request)
{
    $query = $request->get('search', '');


    $services = Service::search($query)->get();

    $solutions = Solution::search($query)->get();

    $offers   = Offer::search($query)->get();


    // jodi Ajax request hoy
    if ($request->ajax()) {

        return view('search.partials.results', compact('query','services','solutions','offers'))->render();

    }


    // normal page load hole full layout
    return view('search.index', compact('query','services','solutions','offers'));

}
```

Route add

```php
Route::get('/search', [SearchController::class, 'index'])->name('search.index');
```

Search Form

```html
<form action="{{ route('search.index') }}" method="GET" id="search-form">
    <div class="input-group search-box">
        <input type="text" id="search-input" name="search"
            class="form-control search-input"
            placeholder="Search here..." autocomplete="off">
        <button type="submit" class="input-group-text bg-transparent">
            <i class="icon-8"></i>
        </button>
```

```
        </div>

    </form>
```

Ajax live search (jQuery / fetch)

```
        $(document).ready(function(){
   $("#search-input").on("keyup", function(){
     let query = $(this).val();
     if(query.length > 2){
       $.ajax({
         url: "{{ route('search.index') }}",
         type: "GET",
         data: {search: query},
         success: function(data){
            $("#search-results").html(data);
         }
       });
     } else {
       $("#search-results").empty();
     }
   });
});
```

search/index.blade.php

```blade
@extends('layouts.app')


@section('content')
  <div class="container">
    <div id="search-results">
      @include('search.partials.results')
    </div>
  </div>
@endsection
```

search/results

```blade
@if($query)
  <h4 class="mb-4">Results for: <span class="text-primary">"{{ $query }}"</span></h4>
@endif

<div class="row g-4 my-3">

  {{-- Services Section --}}
  @if($serviceResults->count())
    <div class="col-12">
      <h5 class="mb-3 text-success">Services ({{$serviceResults->count()}})</h5>
    </div>
    @foreach($serviceResults as $service)
      <div class="col-md-4 col-6 p-1">
        <div class="card shadow-sm h-100 border-0 rounded-4 p-0 m-0">
          <div class="card-body row p-2">
            <div class="col-md-4">
              <img src="{{asset($service->banner)}}" alt="" class="w-100">
            </div>
            <div class="col-md-8">
              <h6 class="card-title py-2">{{ $service->name }}</h6>
              <a href="{{route('service.details',$service->slug)}}" class="btn btn-sm btn-outline-success rounded-pill">
```

```
                    View Details
                </a>
            </div>
        </div>
    </div>
    @endforeach
@endif
```