LARAVEL10 KONA BA FILTER DADUS KADA TINAN NO KODA FULAN:

kria funsionalidade filter ba dadus baze liu husi opsaun select ba tinan no fulan iha Laravel. Atu halo, ita bele tuir passu sira ne'e:

1. Kriasa Tabel Dadus

Se ita laiha tabela dadus, ita bele kria usa migrasaun. Kria migrasaun ho komandu:

**php artisan make:migration create\_mahasiswas\_table**

Depois, define estrutura tabela iha migrasaun ne'ebé kria **(`database/migrations/xxxx\_xx\_xx\_xxxxxx\_create\_mahasiswas\_table.php`):**

**public function up()**

**{**

**Schema::create('mahasiswas', function (Blueprint $table) {**

**$table->id();**

**$table->string('nama\_mahasiswa');**

**$table->string('alamat');**

**$table->string('departament');**

**$table->date('tanggal\_rejist');**

**$table->timestamps();**

**});**

**}**

Kria tabela liu husi migrasaun:

**php artisan migrate**

2. Modelu

Kria modelu `**Mahasiswa**` ho komandu:

**php artisan make:model Mahasiswa**

Depois, define modelu `Mahasiswa` iha ficheiru `app/Models/Mahasiswa.php`:

**namespace App\Models;**

**use Illuminate\Database\Eloquent\Factories\HasFactory;**

**use Illuminate\Database\Eloquent\Model;**

**class Mahasiswa extends Model**

**{**

**use HasFactory;**

**protected $fillable = ['nama\_mahasiswa', 'alamat', 'departament', 'tanggal\_rejist'];**

**}**

3. Kontrouler

Kria kontrolador `**MahasiswaController**` ho komandu:

**php artisan make:controller MahasiswaController**

Depois, define método atu hatudu no filtra dadus iha ficheiru **`app/Http/Controllers/MahasiswaController.php`:**

**namespace App\Http\Controllers;**

**use Illuminate\Http\Request;**

**use App\Models\Mahasiswa;**

**class MahasiswaController extends Controller**

**{**

**public function index(Request $request)**

**{**

**$tahun = $request->get('tahun');**

**$bulan = $request->get('bulan');**

**$mahasiswas = Mahasiswa::query();**

**if ($tahun) {**

**$mahasiswas->whereYear('tanggal\_rejist', $tahun);**

**}**

**if ($bulan) {**

**$mahasiswas->whereMonth('tanggal\_rejist', $bulan);**

**}**

**$mahasiswas = $mahasiswas->get();**

**return view('mahasiswa.index', compact('mahasiswas'));**

**}**

**}**

4. Routes

Adiciona Routes ba `**MahasiswaController**` iha ficheiru `**routes/web.php**`:

`

**use App\Http\Controllers\MahasiswaController;**

**Route::get('/mahasiswa', [MahasiswaController::class, 'index'])->name('mahasiswa.index');**

5. Vista

Kria ficheiru vista `index.blade.php` iha pasta **`resources/views/mahasiswa/`** atu hatudu dadus no formuláriu filtru:

**<form action="{{ route('mahasiswa.index') }}" method="GET">**

**<div class="mb-3">**

**<label for="tahun" class="form-label">Tinan</label>**

**<select name="tahun" id="tahun" class="form-select">**

**<option value="">Pili Tinan</option>**

**@for ($i = now()->year; $i >= 2000; $i--)**

**<option value="{{ $i }}" {{ request('tahun') == $i ? 'selected' : '' }}>{{ $i }}</option>**

**@endfor**

**</select>**

**</div>**

**<div class="mb-3">**

**<label for="bulan" class="form-label">Fulan</label>**

**<select name="bulan" id="bulan" class="form-select">**

**<option value="">Pili Fulan</option>**

**@foreach (range(1, 12) as $bulan)**

**<option value="{{ $bulan }}" {{ request('bulan') == $bulan ? 'selected' : '' }}>{{ date('F', mktime(0, 0, 0, $bulan, 1)) }}</option>**

**@endforeach**

**</select>**

**</div>**

**<button type="submit" class="btn btn-primary">Filtru</button>**

**</form>**

**<table class="table">**

**<thead>**

**<tr>**

**<th>ID Mahasiswa</th>**

**<th>Naran Mahasiswa</th>**

**<th>Endereçu</th>**

**<th>Departamentu</th>**

**<th{Tinan rejistru</th>**

**</tr>**

**</thead>**

**<tbody>**

**@foreach ($mahasiswas as $mahasiswa)**

**<tr>**

**<td>{{ $mahasiswa->id }}</td>**

**<td>{{ $mahasiswa->nama\_mahasiswa }}</td>**

**<td>{{ $mahasiswa->alamat }}</td>**

**<td>{{ $mahasiswa->departament }}</td>**

**<td>{{ $mahasiswa->tanggal\_rejist }}</td>**

**</tr>**

**@endforeach**

**</tbody>**

**</table>**

```

Resumu

Ho passus sira ne'e, ita kria funsionalidade filtru dadus ba tinan no fulan ba tabela `**mahasiswas**`. Ita bele asesu pájina ne'e iha `http://localhost:8000/mahasiswa`.