Pagination in Laravel

```
Inserting mockup data
```

1. Create a Seeder

```
./vendor/bin/sail artisan make:seeder DiaryEntrySeeder
```

2. Go to database/seeders/DiaryEntrySeeder.php

```
(noted that you have to specify existing user_id in the function)
   <?php
   namespace Database\Seeders;
   use Illuminate\Database\Seeder;
   use App\Models\DiaryEntry;
   class DiaryEntrySeeder extends Seeder
       public function run()
           $diaryEntries = [
                    'user_id' => 3,
                    'date' => '2024-08-01',
                    'content' => 'Had a productive day, finished a lot of tasks at work.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 8], // Happy
                        ['emotion_id' => 4, 'intensity' => 7], // Excited
                    'user_id' => 3,
                    'date' => '2024-08-02',
                    'content' => 'Spent the evening with friends, really fun time.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 9], // Happy
                        ['emotion_id' => 4, 'intensity' => 6], // Excited
                    'user_id' => 3,
                    'date' => '2024-08-03',
                    'content' => 'Feeling overwhelmed and a bit down after a tough day.',
                    'emotions' => [
                        ['emotion_id' => 2, 'intensity' => 7], // Sad
                        ['emotion_id' => 5, 'intensity' => 6], // Anxious
                ],
                    'user_id' => 3,
                    'date' => '2024-08-04',
                    'content' => 'Had a heated argument with a colleague, feeling frustrated.',
                    'emotions' => [
                        ['emotion_id' => 3, 'intensity' => 8], // Angry
                    'user_id' => 3,
                    'date' => '2024-08-05',
                    'content' => 'Went for a walk to clear my mind, feeling more at ease.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 6], // Happy
                        ['emotion_id' => 2, 'intensity' => 5], // Sad
                    'user_id' => 3,
                    'date' => '2024-08-06',
                    'content' => 'Excited for the upcoming project launch, it's going well!',
                    'emotions' => [
                        ['emotion_id' => 4, 'intensity' => 9], // Excited
                ],
                    'user_id' => 3,
                    'date' => '2024-08-07',
                    'content' => 'Feeling anxious about an upcoming deadline.',
                    'emotions' => [
                        ['emotion_id' => 5, 'intensity' => 8], // Anxious
                    'user_id' => 3,
                    'date' => '2024-08-08',
                    'content' => 'Had a rough day at work, feeling quite sad.',
                    'emotions' => [
                        ['emotion_id' => 2, 'intensity' => 7], // Sad
                    'user_id' => 3,
                    'date' => '2024-08-09',
                    'content' => 'Productive day, but a bit of anxiety is creeping in.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 7], // Happy
                        ['emotion_id' => 5, 'intensity' => 4], // Anxious
                ],
                    'user_id' => 3,
                    'date' => '2024-08-10',
                    'content' => 'Spent the day relaxing, feeling happy and content.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 9], // Happy
                    'user_id' => 3,
                    'date' => '2024-08-10',
                    'content' => 'Spent the day relaxing at spa.',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 8], // Happy
                    'user_id' => 3,
                    'date' => '2024-08-11',
                    'content' => 'Cooked a new recipe for dinner',
                    'emotions' => [
                        ['emotion_id' => 1, 'intensity' => 4], // Happy
                        ['emotion_id' => 4, 'intensity' => 8], // Excited
                ],
                    'user_id' => 3,
                    'date' => '2024-08-11',
                    'content' => 'Although I was happy cooking, the food did not turn out delicious, and my boyfriend was upset.',
                    'emotions' => [
                        ['emotion_id' => 2, 'intensity' => 8], // Sad
                ],
                    'user_id' => 3,
                    'date' => '2024-08-11',
                    'content' => 'Went to bed early',
                    'emotions' => [
                        ['emotion_id' => 2, 'intensity' => 8], // Sad
           ];
            foreach ($diaryEntries as $entry) {
                $diaryEntry = DiaryEntry::create([
                    'user_id' => $entry['user_id'],
                    'date' => $entry['date'],
                    'content' => $entry['content'],
               ]);
                foreach ($entry['emotions'] as $emotion) {
                    $diaryEntry->emotions()->attach($emotion['emotion_id'], ['intensity' => $emotion['intensity']]);
```

3. Running the Seeder ./vendor/bin/sail artisan db:seed --class=DiaryEntrySeeder

Step

1. To support pagination in your view page, it is needed to display the pagination links and ensure that the paginated diary entries are correctly rendered. Open the

app/Http/Controllers/DiaryEntryController.php, then edit function index() by changing ->get() to ->paginate(3)

```
public function index()
         $diaryEntries = Auth::user()->diaryEntries()->with('emotions')->paginate(3);
         return view('diary.index', compact('diaryEntries'));
2. In View: Add Pagination Links. Go to resources/views/diary/index.blade.php, add the links() method provided by Laravel's paginator. Add this right below your
```

@foreach(\$diaryEntries as \$entry) ... @endforeach loop.

```
. . .
  @endforeach
   <div>
       {{ $diaryEntries->links('pagination::tailwind') }}
   </div>
or
```

```
Example result
```

. . .

@endforeach

Emotions

• Happy (Intensity: 8)

• Excited (Intensity: 7)

August 2, 2024

• Happy (Intensity: 9)

• Excited (Intensity: 6)

August 3, 2024

• Sad (Intensity: 7)

Showing 1 to 3 of 14 results

• Anxious (Intensity: 6)

Emotions

Emotions

Spent the evening with friends, really fun time.

Feeling overwhelmed and a bit down after a tough day.

```
<div>
      {{ $diaryEntries->links() }}
</div>
          Dashboard
                     Diary
                                                                                                                   happy 🗸
  My Diary
      ADD NEW ENTRY
      August 1, 2024
      Had a productive day, finished a lot of tasks at work.
```

DELETE

DELETE

DELETE

< 1 2 3 4 5 >