TODO

- ☑ chartjs 導入
- ☑ ページネーション
- ☑ 非同期通信（GET）
- ☐ chartjs 収入と支出のグラフ
- ☐ chartjs 週，月，年ごとのグラフ
- ☐ 非同期通信（POST）
- ☐ 色々アイコン追加
- ☐ 必須入力フィールドにマーク
- ☐ chartjs カテゴリー別のグラフ

工夫した点

- ページネーション
- jsと連携しセレクトボックスを動的に変更
- {{ old('name') }}ヘルパーを使用して，直前の値を復活させる．

Tech

- Framework
  - Laravel (PHP framework)
- Design
  - Tailwind CSS
- Chart
  - chart.js
- Asynchronous communication
  - axios

About this repository

This repository for 家計簿 Kakeibo (household accounts in Japanese) web application using Laravel (PHP framework). This application allows you to record and analyze your daily income and expenses.

Seed data

```
sail php artisan migrate:fresh

sail php artisan db:seed --class=DatabaseSeeder && sail php artisan
db:seed --class=KindsSeeder && sail php artisan db:seed --
class=CategoriesSeeder && sail php artisan db:seed --
class=TransactionsSeeder
```

using faker data

To use faker data, you need to create Factory file.

```
sail php artisan make:factory TransactionFactory --model=Transaction
```

Then you need to edit database/factories/TransactionFactory.php.

```php
// TransactionFactory.php
public function definition()
{
    // https://stackoverflow.com/questions/45930892/how-to-parse-a-faker-
    datetimebetween-with-carbon-in-laravel
    // 過去1ヶ月間での収入支出を記録する
    $events = $this->faker->dateTimeBetween('-30 days', 'now');

    return [
        'kind_id' => $this->faker->numberBetween(1, 2),
        'category_id' => $this->faker->numberBetween(21, 38),
        'price' => $this->faker->numberBetween(1000, 50000),
        // 'date' => $this->faker->date(),
        'date' => $events->format('Y-m-d'),      // dateTimeをフォーマット変換
        'place' => $this->faker->streetName(),
        'note' => $this->faker->realText($this->faker->numberBetween(10,
20)),
    ];
}
```

```
sail php artisan make:seeder TransactionsSeeder.php
```

Then you need to edit database/seeders/TransactionsSeeder.php.

manually adding data

To add seed data for cateogries, kinds, and transactions you need to execute code below.

```
sail php artisan db:seed --class=KindsSeeder
sail php artisan db:seed --class=CategoriesSeeder
sail php artisan db:seed --class=TransactionsSeeder
```

If you get the error Target class [Database\Seeders\KindsSeeder] does not exist., please check if the class name in KindsSeeder.php is correctly named KindSeeder. Also, check if there is a

use `HasFactory` in `app/Models/Kind.php`

```
// app/Models/Kind.php
class Kind extends Model
{
    use HasFactory;
    ...
}
```

To make seed data, first export db data from phpmyadmin page, then parse sql using selenium.ipynb which is located upper directory.

laravel-mix

Please add line below to package.json

```
// laravel-your-project/package.json

{
    ...
    omitted
    ...
    },
    "devDependencies": {
        ...
        omitted
        ...
        "laravel-mix": "^6.0.49",
        ...
    },
    "dependencies": {
        "chart.js": "^3.9.1"
    }
}
```

Command

```
// show routing table
sail php artisan route:list | grep tweet

// show databases
sail mysql
show databases;
show tables from laratter;
use laratter;
```

```
show columns from tweets;

// update css
sail npm run build


cd resources/views
mkdir tweet
touch create.blade.php edit.blade.php index.blade.php show.blade.php
cd ../..
```