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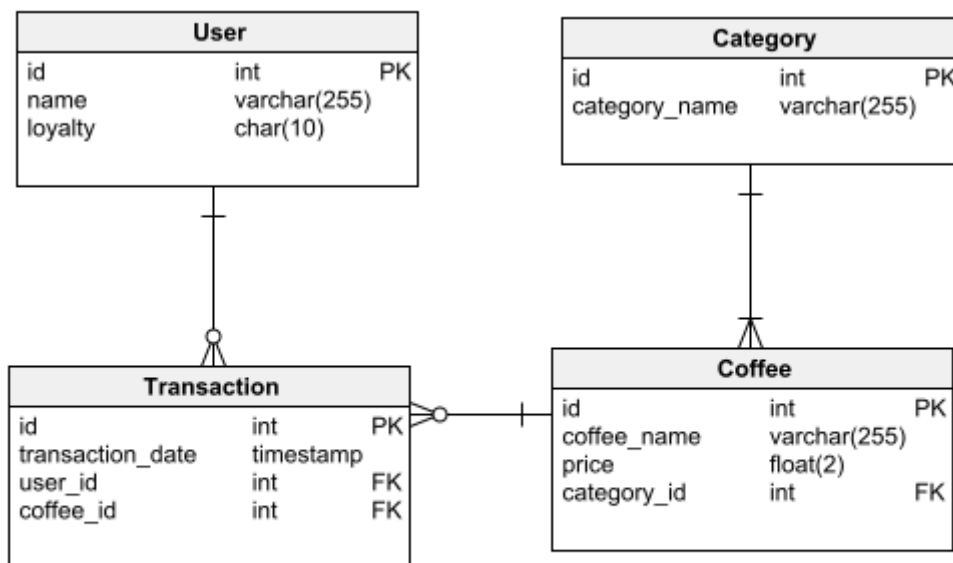
## UTS Web Programming

Note :

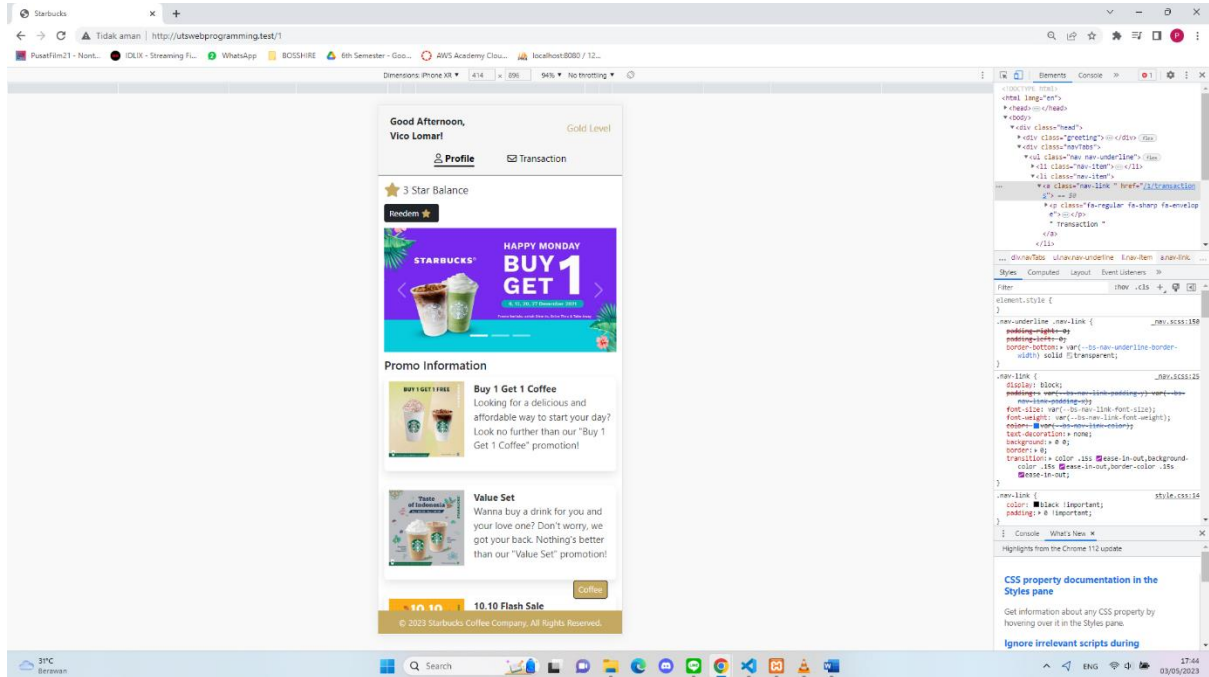
- Code yang dibuat tidak responsive atau hanya di desain pada Iphone XR, sehingga disarankan untuk mengubah dimensinya ke Iphone XR terlebih dahulu untuk pengalaman yang lebih baik.
- Saat pertama kali membuka web, anda akan diarahkan ke web template welcome milik laravel. Untuk melihat hasil code yang sudah saya buat, silahkan tambahkan “/{id}” dimana :
  - a. id = 1 untuk menuju home page milik Vico Lomar (Gold)
  - b. id = 2 untuk menuju home page milik Fei Fei Li (Green)

Github Link : <https://github.com/patrickjonathan99/UTS-Web-Programming/tree/master>

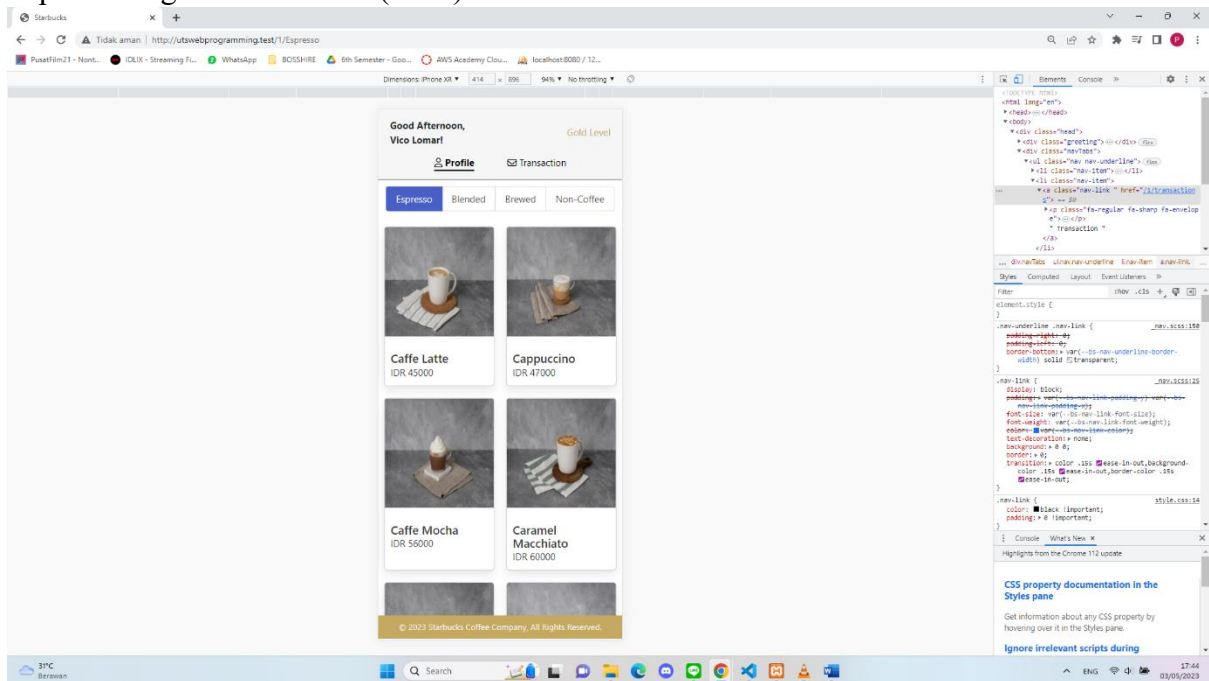
Berikut adalah gambaran database yang saya buat :



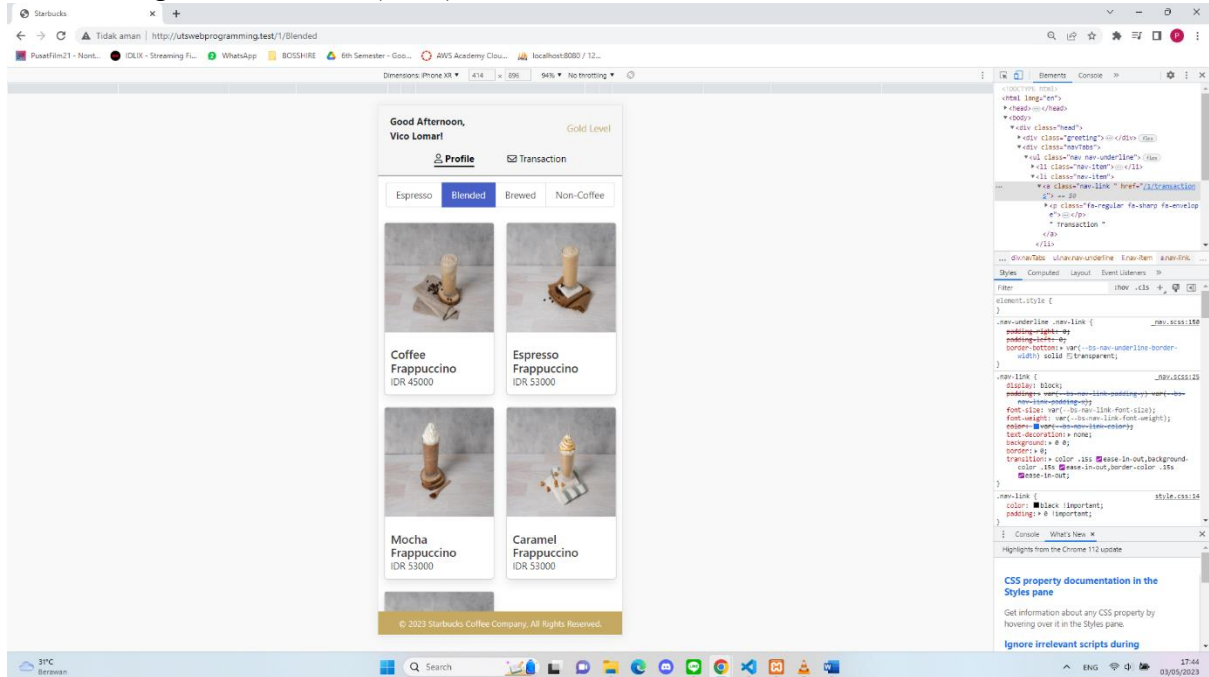
## User Interface (UI) Screenshot : Home Page - Vico Lomar (Gold)



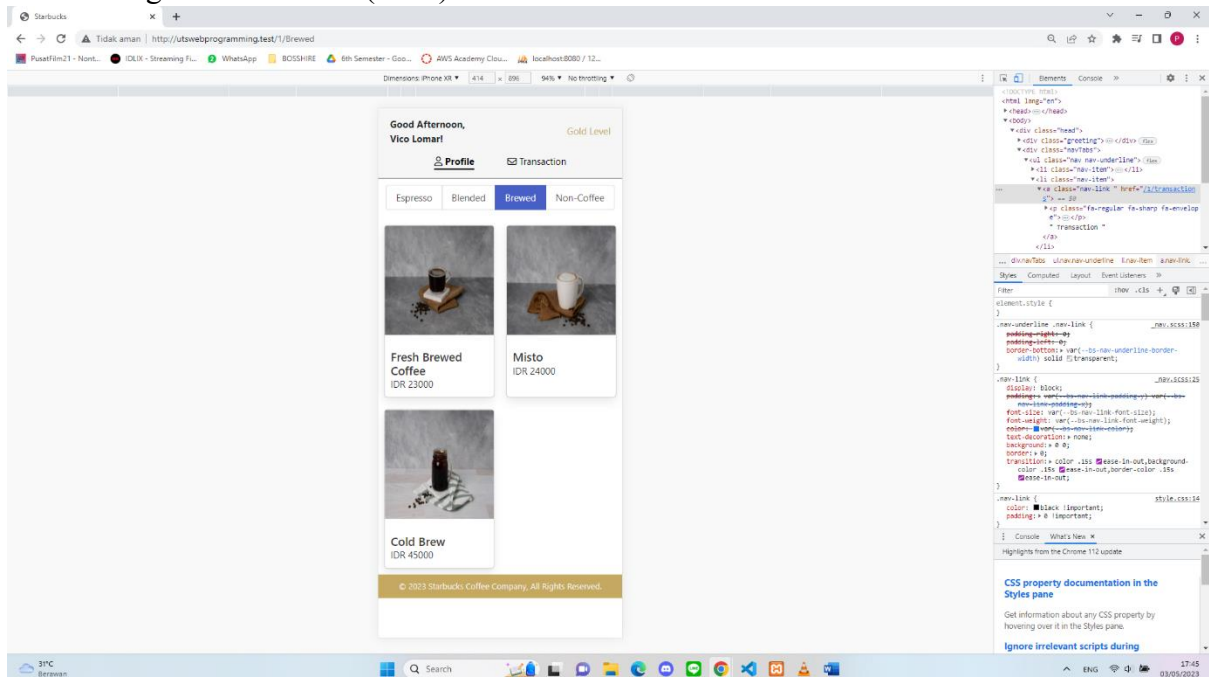
## Espresso Page - Vico Lomar (Gold)



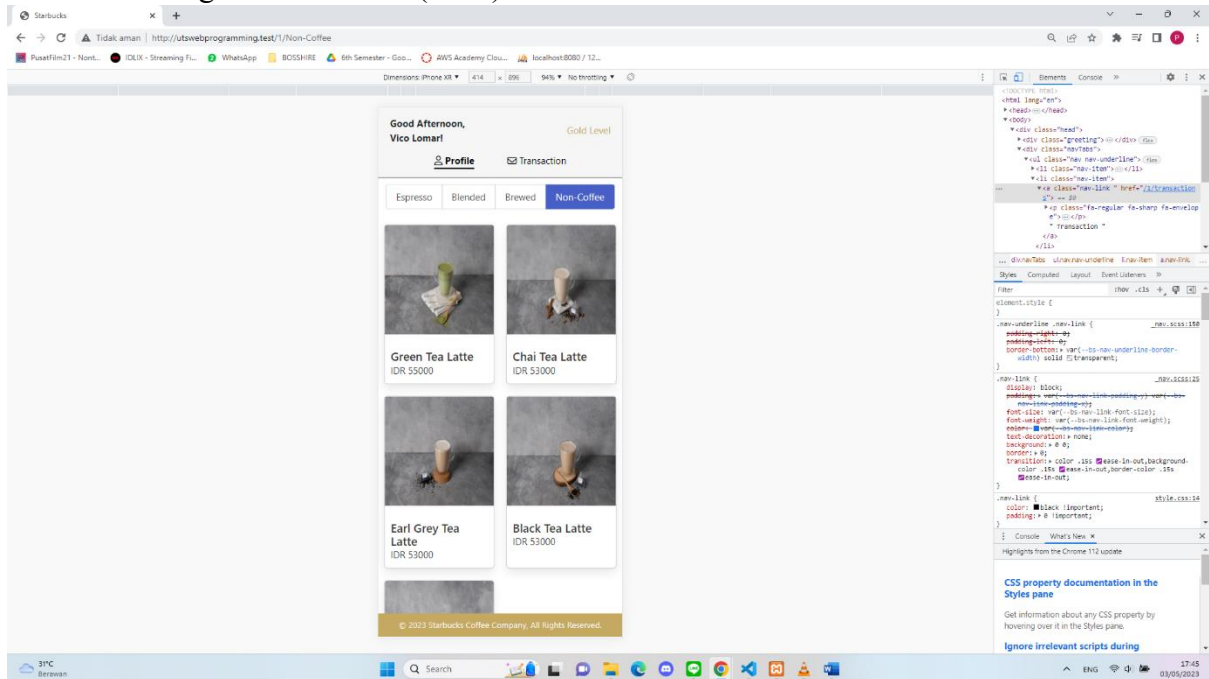
## Blended Page - Vico Lomar (Gold)



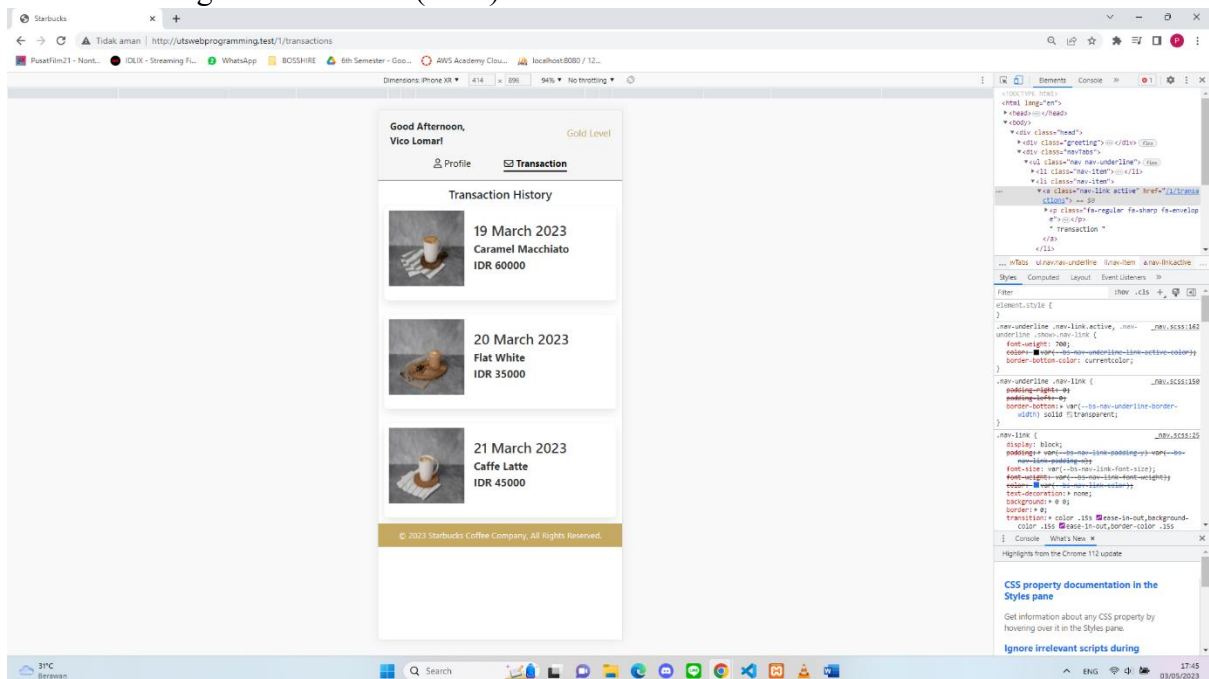
## Brewed Page - Vico Lomar (Gold)



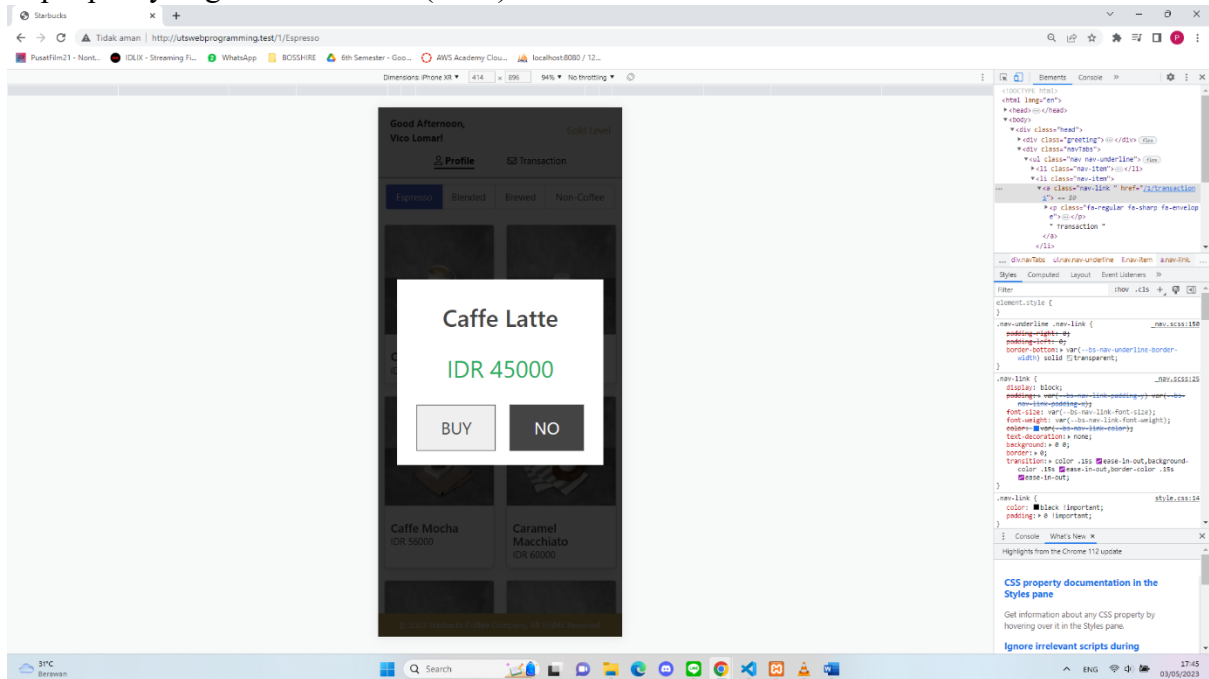
## Non-Coffee Page - Vico Lomar (Gold)



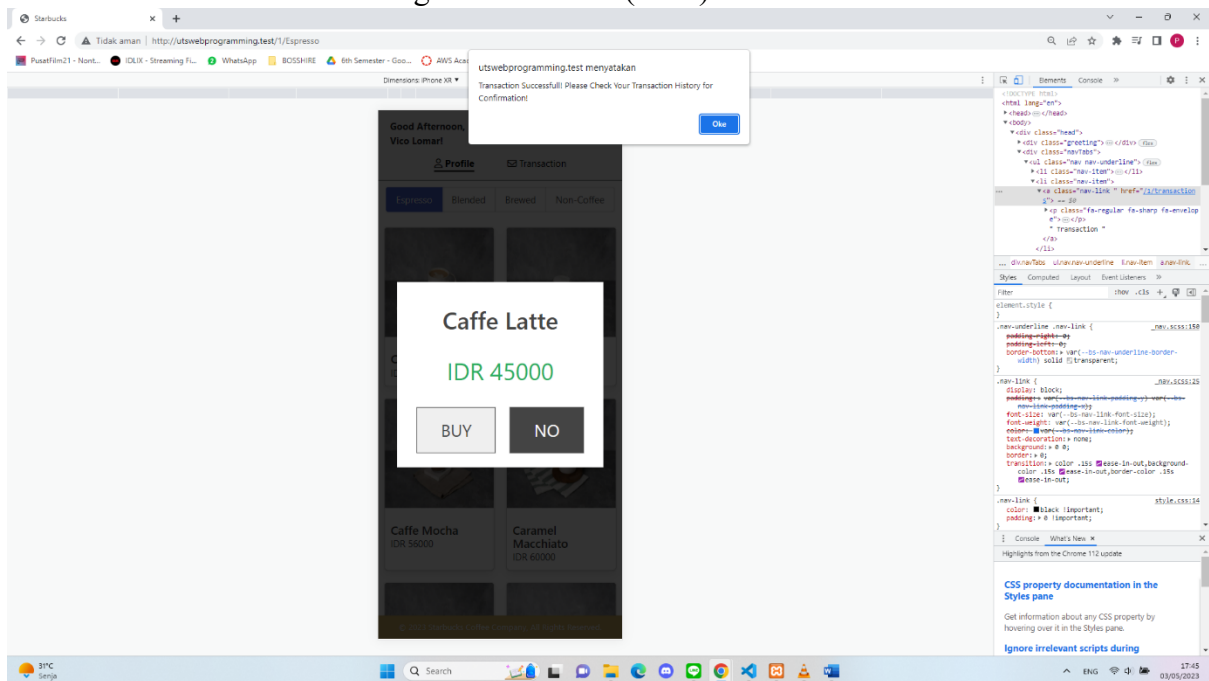
## Transaction Page - Vico Lomar (Gold)



## Pop Up Buy Page - Vico Lomar (Gold)



## Transaction Successful Alert Page -Vico Lomar (Gold)

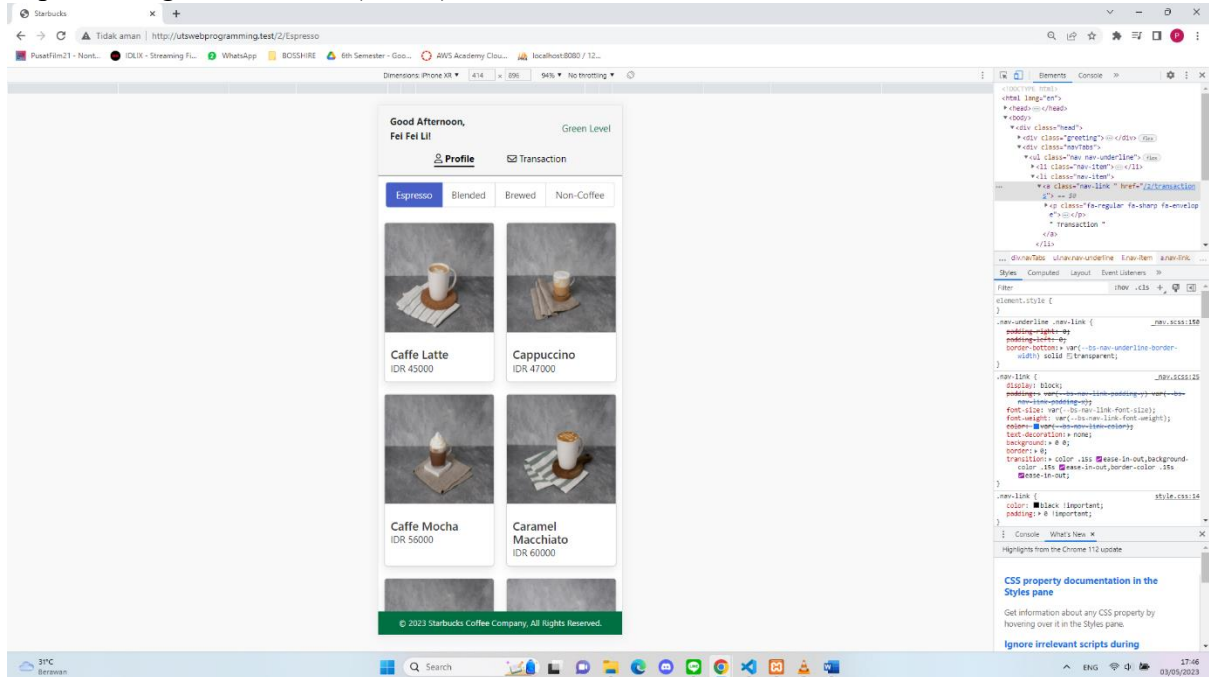


A screenshot of a web browser displaying a Starbucks coffee menu. The menu features four items: Caramel Macchiato (IDR 60000), Flat White (IDR 35000), Caffè Latte (IDR 45000), and another Caffè Latte (IDR 45000). To the right of the menu, a CSS editor window is open, showing the code for the menu items. The CSS includes classes like .nav-link, .nav-link.active, and .nav-link.disabled, along with their respective styles such as font-weight, color, border, and background-color. The browser's address bar shows the URL http://utswebprogramming.test/1/transactions.

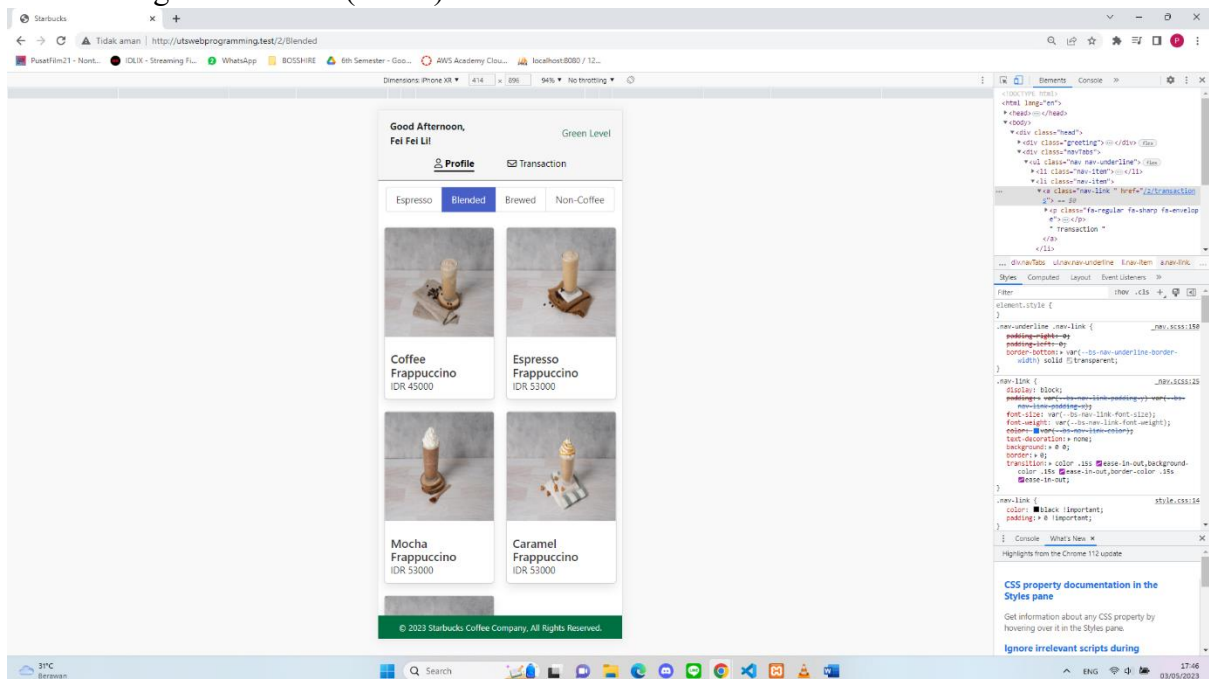
The screenshot displays a web browser window with a Starbucks mobile app interface on the left and a CSS developer tool on the right. The app interface shows a 'Good Afternoon, Fel Fel Lil!' greeting, a '3 Star Balance' section, a 'HAPPY MONDAY BUY GET 1' promotion, a 'Promo Information' section with a 'Buy 1 Get 1 Coffee' offer, a 'Value Set' section, and a '10.10 Flash Sale' banner. The CSS developer tool shows the 'Elements' panel with a selected 'new-link' element and the 'Styles' panel displaying the associated CSS rules, including 'border-bottom: 1px solid #000;', 'background-color: #f0f0f0;', and 'color: #000; font-weight: bold;'. The browser's address bar shows the URL 'http://utpwebprogramming.test/2'.



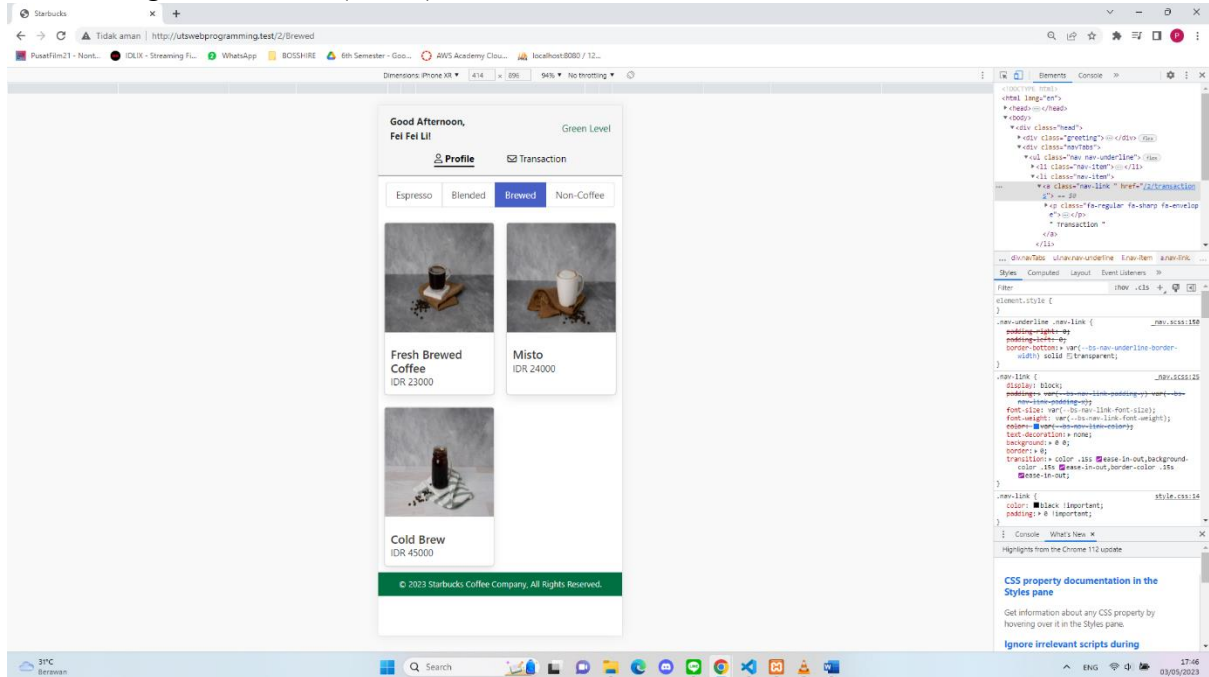
## Espresso Page - Fei Fei Li (Green)



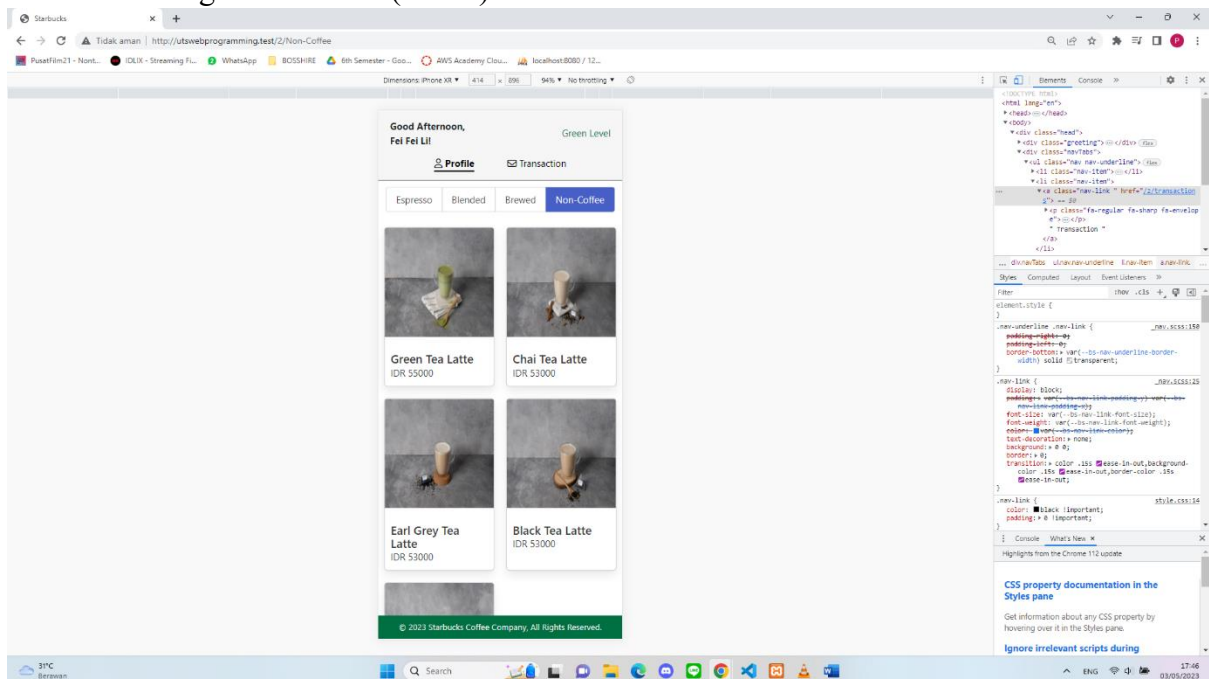
## Blended Page - Fei Fei Li (Green)



## Brewed Page - Fei Fei Li (Green)

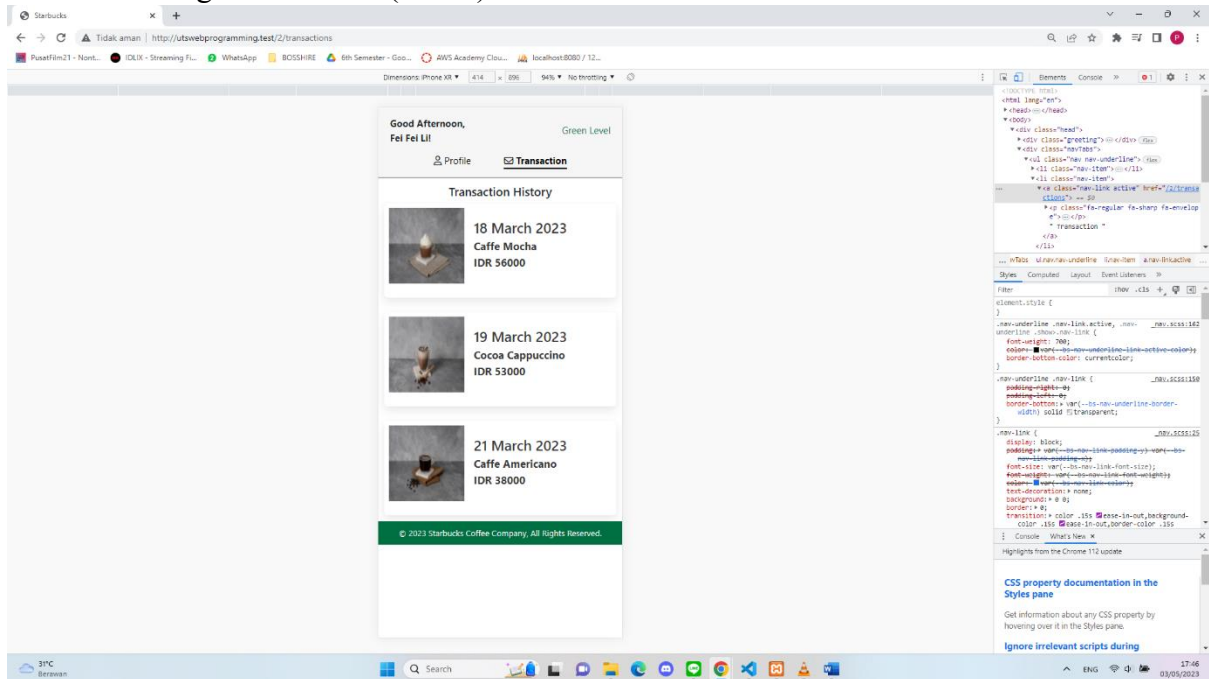


## Non-Coffee Page - Fei Fei Li (Green)

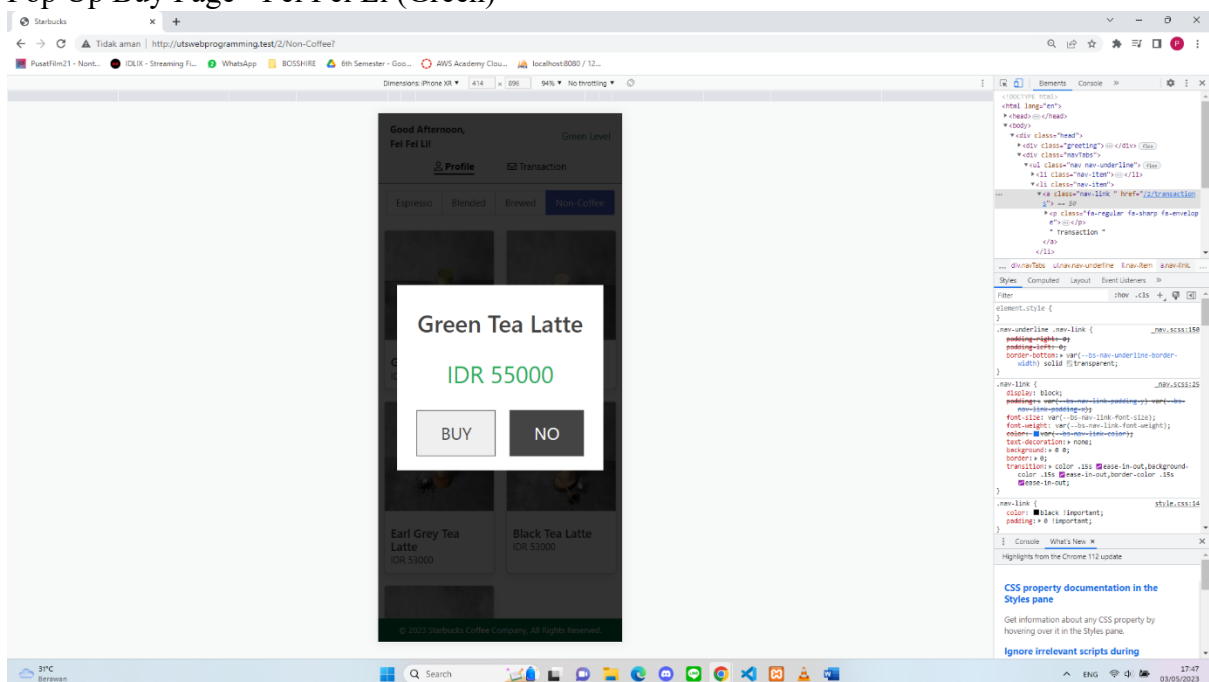




## Transaction Page - Fei Fei Li (Green)



Pop Up Buy Page - Fei Fei Li (Green)



The screenshot shows a web browser window with a Starbucks coffee menu. The menu features several coffee options, including 'Good Afternoon Fei Fei Lil', 'Espresso', 'Blended', 'Brewed', 'New Coffee', 'Earl Grey Tea Latte IDR 53000', and 'Black Tea Latte IDR 53000'. A confirmation dialog box is overlaid on the menu, asking 'Transaction Successful! Please Check Your Transaction History for Confirmation!'. The dialog has a 'Yes' button. The background of the menu is dark with a Starbucks logo and the text '© 2023 Starbucks Coffee Company. All Rights Reserved'.

## Code Screenshot :

### 1. Models

#### a. Category.php

```
app > Models > Category.php
You, 7 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Models;
4
5  use App\Models\Coffee;
6  use Illuminate\Database\Eloquent\Model;
7  use Illuminate\Database\Eloquent\Factories\HasFactory;
8
9  class Category extends Model
10 {
11     use HasFactory;
12
13     public function coffee(){
14         return $this->hasMany(Coffee::class);
15     }
16 }
17
```

#### b. Coffee.php

```
app > Models > Coffee.php
You, 9 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Models;
4
5  use App\Models\Category;
6  use Illuminate\Database\Eloquent\Model;
7  use Illuminate\Database\Eloquent\Factories\HasFactory;
8
9  class Coffee extends Model
10 {
11     use HasFactory;
12
13     public function category(){
14         return $this->belongsTo(Category::class);
15     }
16
17     public function transaction(){
18         return $this->hasMany(Transaction::class);
19     }
20 }
```

c. Transaction.php

```
app > Models > Transaction.php
You, 9 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Transaction extends Model
9  {
10     use HasFactory;
11
12     protected $fillable = [
13         'user_id',
14         'coffee_id'
15     ];
16
17     public function user(){
18         return $this->belongsTo(User::class);
19     }
20
21     public function coffee(){
22         return $this->belongsTo(Coffee::class);
23     }
24 }
```

d. User.php

```
app > Models > User.php
You, 10 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Models;
4
5  // use Illuminate\Contracts\Auth\MustVerifyEmail;
6  use Illuminate\Database\Eloquent\Factories\HasFactory;
7  use Illuminate\Database\Eloquent\Model;
8
9  class User extends Model
10 {
11     protected $fillable = [
12         'name',
13         'loyalty'
14     ];
15
16     public function transaction(){
17         return $this->hasMany(Transaction::class);
18     }
19 }
20
```

## 2. View

### a. header.blade.php

```
resources > views > component > header.blade.php > div.head > div.navTabs > ul.nav.nav-underline
You, 16 minutes ago | 1 author (You)
1 <div class="head">
2   <div class="greeting">
3     <div class="greet">
4       <p>{{ $greet }},</p>
5       <p>{{ $users->name }}!</p>
6     </div>
7
8     <div class="loyalty">
9       <p style="color: {{ ($users->loyalty === "Gold") ? '#C6A961' : '#006F42' }}">{{ $users->loyalty }} Level</p>
10    </div>
11  </div>
12
13  <div class="navTabs">
14    <ul class="nav nav-underline">
15      <li class="nav-item">
16        <a class="nav-link {{ ($title === "Profile") ? 'active' : '' }}" aria-current="page" href="{{ $users->id }}">
17          <p class="fa-regular fa-user"></p>
18          Profile
19        </a>
20      </li>
21      <li class="nav-item">
22        <a class="nav-link {{ ($title === "Transaction") ? 'active' : '' }}" href="{{ $users->id }}/transactions">
23          <p class="fa-regular fa-sharp fa-envelope"></p>
24          Transaction
25        </a>
26      </li>
27    </ul>
28  </div>
29  <hr>
30 </div>
```

### b. footer.blade.php

```
resources > views > component > footer.blade.php > div.foot
You, 16 minutes ago | 1 author (You)
1 <div class="foot" style="background-color: {{ ($users->loyalty === "Gold") ? '#C6A961' : '#006F42' }}">
2   <p>© 2023 Starbucks Coffee Company, All Rights Reserved.</p>
3 </div>
4
```

### c. coffee.blade.php

```
resources > views > component > coffee.blade.php > ...
1 <div class="tabs is-toggle">
2   <ul>
3     @foreach($categories as $cat)
4       <li class="{{ ($cat->category_name === $currCoffee) ? 'is-active' : '' }}">
5         <a href="{{ $users->id }}/{{ $cat->category_name }}" class="text-decoration-none">
6           <span>{{ $cat->category_name }}</span>
7         </a>
8       </li>
9     @endforeach
10  </ul>
11 </div>
12
13 <div class="coffeeContent">
14   @foreach($coffees as $c)
15     <div class="cc card" data-name="coffee-{{ $c->id }}">
16       <div class="card-image">
17         <figure class="image is-square">
18           
19         </figure>
20       </div>
21       <div class="card-content">
22         <div class="content">
23           <h4>{{ $c->coffee_name }}</h4>
24           <p>IDR {{ $c->price }}</p>
25         </div>
26       </div>
27     </div>
28   @endforeach
29 </div>
```

```

31 <div class="confirmation-purchase">
32     @foreach($coffees as $c)
33         <div class="confirmation" data-target="coffee-{{ $c->id }}">
34             <h3 class="confirmation-title">{{ $c->coffee_name }}</h3>
35             <div class="price">IDR {{ $c->price }}</div>
36             <div class="buttons">
37                 <form method="post" action="{{ route('buy') }}">
38                     @csrf
39                     <input type="text" name="user_id" value="{{ $users->id }}" style="display: none;">
40                     <input type="text" name="coffee_id" value="{{ $c->id }}" style="display: none;">
41                     <input onclick="myFunction()" type="submit" value="BUY" class="buy text-decoration none">
42                 </form>
43                 <form action="">
44                     <input type="submit" value="NO" class="no text-decoration-none">
45                 </form>
46             </div>
47         </div>
48     @endforeach
49 </div>
50

```

#### d. main.blade.php

```

resources > views > layouts > main.blade.php > html > body > script
You, 17 minutes ago | 1 author (You)
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <link rel="stylesheet" href="/css/style.css">
8     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bulma@0.9.4/css/bulma.min.css">
9     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2D"
10     <script src="https://kit.fontawesome.com/b75608f116.js" crossorigin="anonymous"></script>
11
12     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
13     <link rel="stylesheet" href="/css/pop-up.css">
14     <script src="/js/pop-up.js" defer></script>
15     <title>Starbucks</title>
16 </head>
17 <body>
18     @include('component.header')
19
20     <div class="contain">
21         @yield('container')
22     </div>
23
24     @include('component.footer')
25     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
26 </body>
27 </html>

```

#### e. homePage.blade.php

```

resources > views > page > homePage.blade.php > div.homeContent > div.hcStarNum > p.sbal
You, 17 minutes ago | 1 author (You)
1 @extends('layouts.main')
2
3 @section('container')
4     <div class="homeContent">
5         <div class="hc starNum">
6             <i class="sbal star fa-solid fa-star fa-xl"></i>
7             <p class="sbal">{{ $stars }} Star Balance</p>
8         </div>
9
10        <div class="hc redeemButton">
11            <button type="button" class="btn btn-dark btn-sm">Redeem <i class="sbal star fa-solid fa-star"></i></button>
12        </div>
13
14        <div id="carouselExampleIndicators" class="hc carousel slide">
15            <div class="carousel-indicators">
16                <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
17                <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="1" aria-label="Slide 2"></button>
18                <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="2" aria-label="Slide 3"></button>
19            </div>
20
21            <div class="carousel-inner">
22                <div class="carousel-item active">
23                    
24                </div>
25                <div class="carousel-item">
26                    
27                </div>
28                <div class="carousel-item">
29                    
30                </div>
31            </div>
32
33            <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="prev">
34                <span class="carousel-control-prev-icon" aria-hidden="true"></span>
35                <span class="visually-hidden">Previous</span>
36            </button>

```



```

38         <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="next">
39             <span class="carousel-control-next-icon" aria-hidden="true"></span>
40             <span class="visually-hidden">Next</span>
41         </button>
42     </div>
43
44     <div class="hc promotion">
45         <h5>Promo Information</h5>
46
47         <div class="box promoBox">
48             <div class="media">
49                 <div class="media-left">
50                     <figure class="image is-128x128">
51                         
52                     </figure>
53                 </div>
54
55                 <div class="media-content">
56                     <div class="content">
57                         <p>
58                             <strong>Buy 1 Get 1 Coffee</strong>
59                             <br>
60                             Looking for a delicious and affordable way to start your day? Look no further than our "Buy 1 Get 1 Coffee" promotion
61                         </p>
62                     </div>
63                 </div>
64             </div>
65         </div>
66
67         <div class="box promoBox">
68             <div class="media">
69                 <div class="media-left">
70                     <figure class="image is-128x128">
71                         
72                     </figure>
73                 </div>
74
75                 <div class="media-content">
76                     <div class="content">
77                         <p>
78                             <strong>Value Set</strong>
79                             <br>
80                             Wanna buy a drink for you and your love one? Don't worry, we got your back. Nothing's better than our "Value Set" prom
81                         </p>
82                     </div>
83                 </div>
84             </div>
85         </div>
86
87         <div class="box promoBox">
88             <div class="media">
89                 <div class="media-left">
90                     <figure class="image is-128x128">
91                         
92                     </figure>
93                 </div>
94
95                 <div class="media-content">
96                     <div class="content">
97                         <p>
98                             <strong>10.10 Flash Sale</strong>
99                             <br>
100                             Having trouble treating your friend? Leave it to us, cause Flash Sale is open now! Get your second beverage for only 1
101                         </p>
102                     </div>
103                 </div>
104             </div>
105         </div>
106     </div>
107
108     <a href="/{{ $users->id }}/Espresso">
109         <div class="hc coffeeBtn">
110             <button type="button" class="btn btn-dark btn-sm float-end" style="background-color: {{ ($users->loyalty === "Gold") ? '#C6A961'
111         </div>
112     </a>
113 </div>
114 @endsection
115

```

f. espressoPage.blade.php

```

resources > views > page > espressoPage.blade.php
You, 5 minutes ago | 1 author (You)
1 @extends('layouts.main')
2
3 @section('container')
4     @include('component.coffee')
5 @endsection
6

```

g. blendedPage.blade.php

```
resources > views > page > blendedPage.blade.php
You, 4 minutes ago | 1 author (You)
1 @extends('layouts.main')
2
3 @section('container')
4 | @include('component.coffee')
5 @endsection
6
```

h. brewedPage.blade.php

```
resources > views > page > brewedPage.blade.php
You, 4 minutes ago | 1 author (You)
1 @extends('layouts.main')
2
3 @section('container')
4 | @include('component.coffee')
5 @endsection
6
```

i. nonCoffeePage.blade.php

```
resources > views > page > nonCoffeePage.blade.php
You, 3 minutes ago | 1 author (You)
1 @extends('layouts.main')
2
3 @section('container')
4 | @include('component.coffee')
5 @endsection
6
```

## j. transactionPage.blade.php

```
resources > views > page > transactionPage.blade.php > ...
You, 28 minutes ago | 1 author (You)
1 @extends('layouts.main') You, 28 minutes ago * UTS ...
2
3 @section('container')
4     <div class="homeContent">
5         <div class="hc_promotion">
6             <h5 class="transaction-title">Transaction History</h5>
7
8             @foreach($transactions as $trans)
9                 <div class="box promoBox">
10                     <div class="media">
11                         <div class="media-left">
12                             <figure class="image is-128x128">
13                                 
14                             </figure>
15                         </div>
16
17                         <div class="media-content">
18                             <div class="content trans-detail">
19                                 <h3 class="trans-date">{{ date('j F Y', strtotime($trans->transaction_date)) }}</h3>
20                                 <p class="trans-item">
21                                     <strong>{{ $trans->coffee->coffee_name }}</strong>
22                                     <br>
23                                     <strong>IDR {{ $trans->coffee->price }}</strong>
24                                 </p>
25                             </div>
26                         </div>
27                     </div>
28                 </div>
29             @endforeach
30         </div>
31     </div>
32 @endsection
33
```

## 3. Controller

### a. UserController

```
app > Http > Controllers > UserController.php
You, 29 minutes ago | 1 author (You)
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use App\Models\User;
7 use App\Models\Transaction;
8
9 class UserController extends Controller
10 {
11     //
12     public function home($id) {
13         $user = User::find($id);
14         $transaction = Transaction::where('user_id', $id)->get();
15         $star = count($transaction);
16
17         $hour = date('G');
18         if($hour >= 5 && $hour <= 11) {
19             $greet = 'Good Morning';
20         }
21         else if($hour >= 12 && $hour <= 17) {
22             $greet = 'Good Afternoon';
23         }
24         else {
25             $greet = 'Good Evening';
26         }
27
28         return view('/page/homePage', [
29             'title' => "Profile",
30             'greet' => $greet,
31             'users' => $user,
32             'stars' => $star
33         ]);
34     }
35 }
36
```

b. CoffeeController

```
app > Http > Controllers > ☰ CoffeeController.php
You, 30 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\User;
7  use App\Models\Category;
8  use App\Models\Coffee;
9
10 class CoffeeController extends Controller
11 {
12     //
13     public function espresso($id) {
14         $user = User::find($id);
15         $category = Category::orderBy('id')->get();
16         $coffee = Coffee::where('category_id', 1)->get();
17
18         $hour = date('G');
19         if($hour >= 5 && $hour <= 11) {
20             $greet = 'Good Morning';
21         }
22         else if($hour >= 12 && $hour <= 17) {
23             $greet = 'Good Afternoon';
24         }
25         else {
26             $greet = 'Good Evening';
27         }
28
29         return view('/page/espressoPage', [
30             'title' => "Profile",
31             'greet' => $greet,
32             'users' => $user,
33             'categories' => $category,
34             'coffees' => $coffee,
35             'currCoffee' => "Espresso"
36         ]);
37     }
38 }
```

```

39     public function blended($id) {
40         $user = User::find($id);
41         $category = Category::orderBy('id')->get();
42         $coffee = Coffee::where('category_id', 2)->get();
43
44         $hour = date('G');
45         if($hour >= 5 && $hour <= 11) {
46             $greet = 'Good Morning';
47         }
48         else if($hour >= 12 && $hour <= 17) {
49             $greet = 'Good Afternoon';
50         }
51         else {
52             $greet = 'Good Evening';
53         }
54
55         return view('/page/blendedPage', [
56             'title' => "Profile",
57             'greet' => $greet,
58             'users' => $user,
59             'categories' => $category,
60             'coffees' => $coffee,
61             'currCoffee' => "Blended"
62         ]);
63     }

```

```

65     public function brewed($id) {
66         $user = User::find($id);
67         $category = Category::orderBy('id')->get();
68         $coffee = Coffee::where('category_id', 3)->get();
69
70         $hour = date('G');
71         if($hour >= 5 && $hour <= 11) {
72             $greet = 'Good Morning';
73         }
74         else if($hour >= 12 && $hour <= 17) {
75             $greet = 'Good Afternoon';
76         }
77         else {
78             $greet = 'Good Evening';
79         }
80
81         return view('/page/brewedPage', [
82             'title' => "Profile",
83             'greet' => $greet,
84             'users' => $user,
85             'categories' => $category,
86             'coffees' => $coffee,
87             'currCoffee' => "Brewed"
88         ]);
89     }
90

```

```

91     public function nonCoffee($id) {
92         $user = User::find($id);
93         $category = Category::orderBy('id')->get();
94         $coffee = Coffee::where('category_id', 4)->get();
95
96         $hour = date('G');
97         if($hour >= 5 && $hour <= 11) {
98             $greet = 'Good Morning';
99         }
100        else if($hour >= 12 && $hour <= 17) {
101            $greet = 'Good Afternoon';
102        }
103        else {
104            $greet = 'Good Evening';
105        }
106
107        return view('/page/nonCoffeePage', [
108            'title' => "Profile",
109            'greet' => $greet,
110            'users' => $user,
111            'categories' => $category,
112            'coffees' => $coffee,
113            'currCoffee' => "Non-Coffee"
114        ]);
115    }
116 }

```

### c. TransactionController

```

app > Http > Controllers > TransactionController.php
You, 32 minutes ago | 1 author (You)
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\Transaction;
7  use App\Models\User;
8
9  class TransactionController extends Controller
10 {
11     public function transactions($id) {
12         $transaction = Transaction::where('user_id', $id)->get();
13         $user = User::find($id);
14
15         $hour = date('G');
16         if($hour >= 5 && $hour <= 11) {
17             $greet = 'Good Morning';
18         }
19         else if($hour >= 12 && $hour <= 17) {
20             $greet = 'Good Afternoon';
21         }
22         else {
23             $greet = 'Good Evening';
24         }
25
26         return view('/page/transactionPage', [
27             'title' => "Transaction",
28             'transactions' => $transaction,
29             'greet' => $greet,
30             'users' => $user
31         ]);
32     }
33 }

```



```

34     public function buyCoffee(Request $request) {
35         Transaction::insert([
36             'user_id' => $request->user_id,
37             'coffee_id' => $request->coffee_id
38         ]);
39
40         return redirect()->back();
41     }
42 }
43

```

#### 4. Routing

```

routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\UserController;
5  use App\Http\Controllers\CoffeeController;
6  use App\Http\Controllers\TransactionController;
7
8  /*
9  |-----
10 | Web Routes
11 |-----
12 |
13 | Here is where you can register web routes for your application. These
14 | routes are loaded by the RouteServiceProvider and all of them will
15 | be assigned to the "web" middleware group. Make something great!
16 |
17 */
18
19 Route::get('/', function () {
20     return view('welcome');
21 });
22
23 Route::get('/{id}', [UserController::class, 'home']);
24 Route::get('/{id}/Espresso', [CoffeeController::class, 'espresso']);
25 Route::get('/{id}/Brewed', [CoffeeController::class, 'brewed']);
26 Route::get('/{id}/Blended', [CoffeeController::class, 'blended']);
27 Route::get('/{id}/Non-Coffee', [CoffeeController::class, 'nonCoffee']);
28 Route::get('/{id}/transactions', [TransactionController::class, 'transactions']);
29 Route::post('/buy', [TransactionController::class, 'buyCoffee'])->name('buy');
30

```