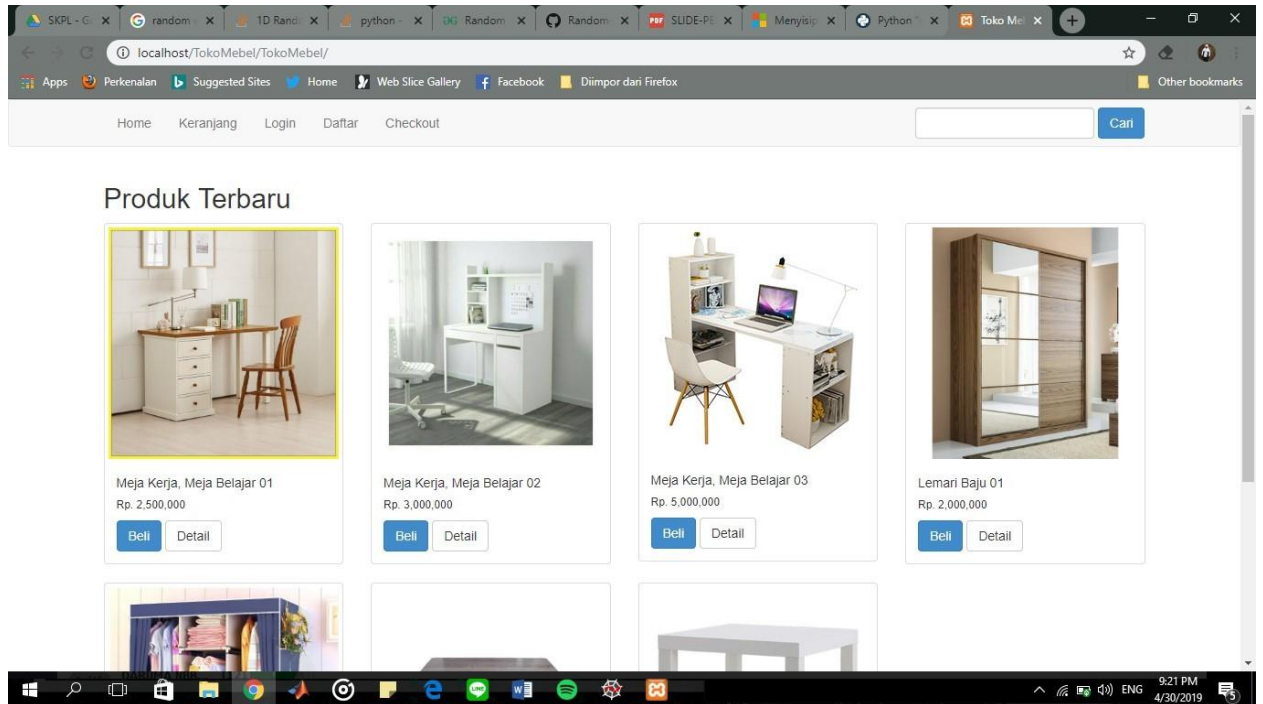
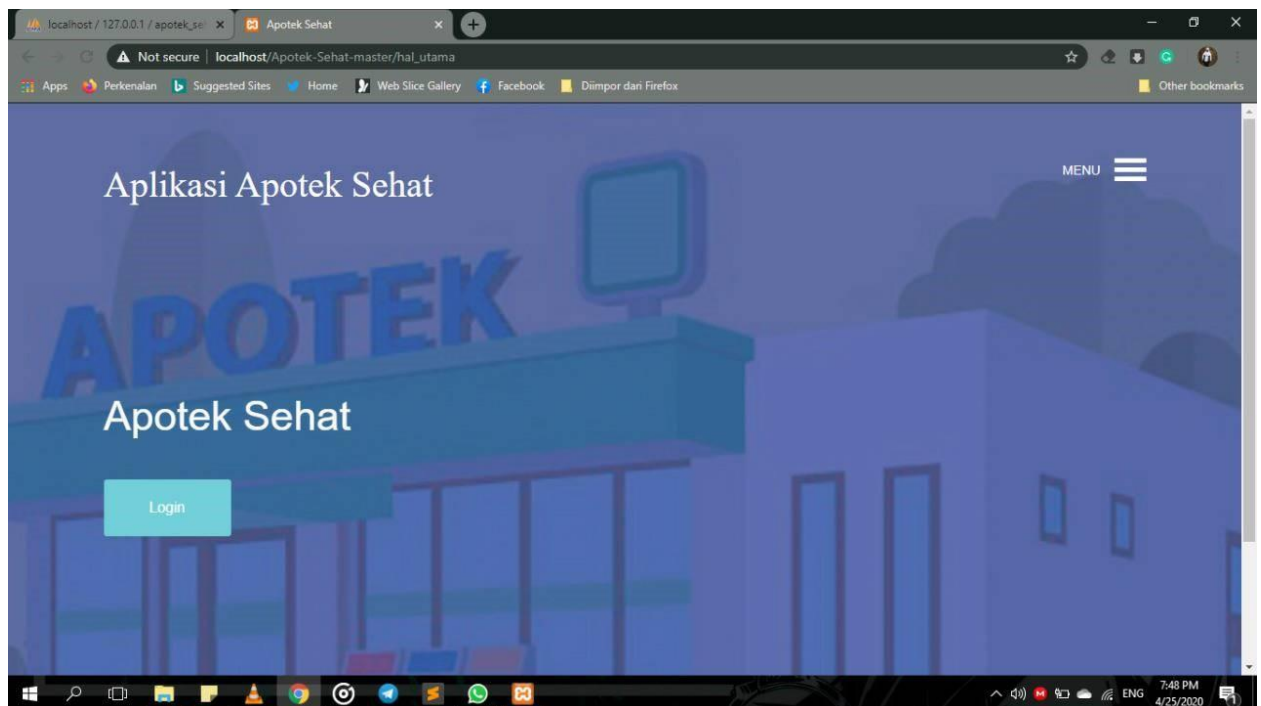


Daftar Project yang Pernah dibuat (Zhafirah Rizqy Nur)

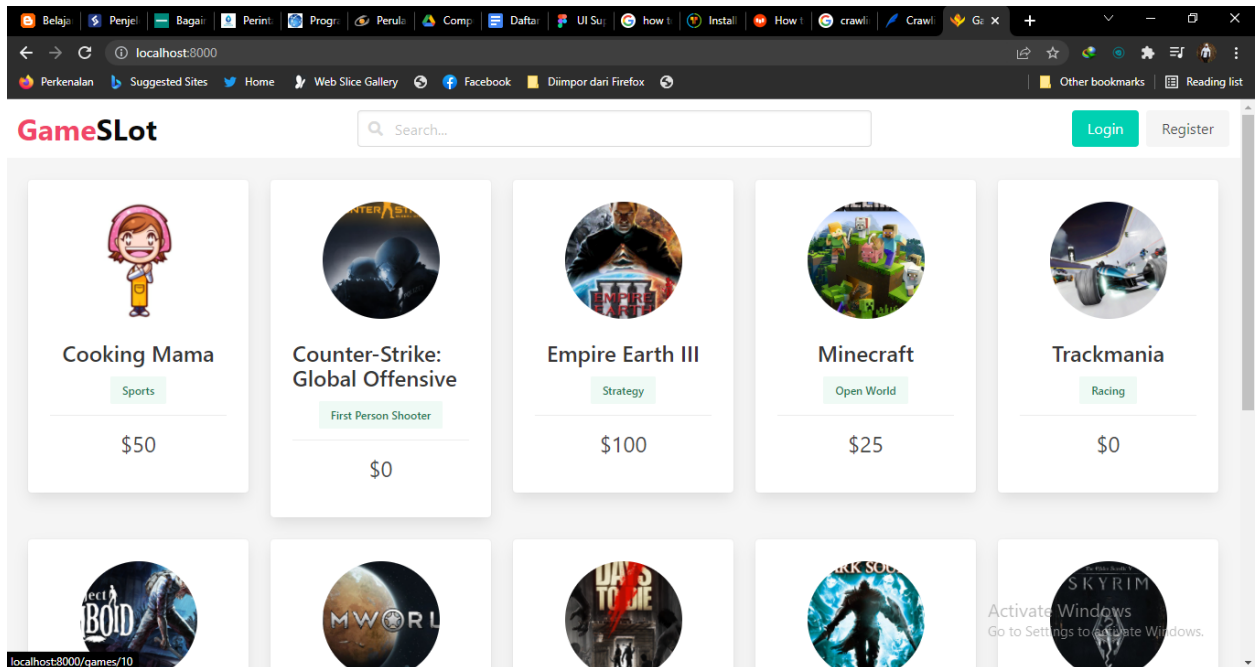
1. Website toko mebel online untuk memenuhi tugas besar mata kuliah Implementasi dan Pengujian Perangkat Lunak. Pada project ini menggunakan html,css(bootstrap) di frontend dan PHP pada backend.



2. Website apotek online untuk memenuhi tugas besar mata kuliah Pemrograman Web. Pada project ini menggunakan konsep MVC dengan framework CodeIgniter dan PHP untuk backend.



3. Website penjualan game online. Website ini menggunakan konsep MVC dengan framework laravel. Website ini dibangun bersama rekan saya untuk project pribadi



- Source code pada Controller Transaction

```
.env TransactionController.php M X
app > Http > Controllers > TransactionController.php > PHP Tools > App\Http\Controllers\TransactionController > delete_cart
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Game;
6 use App\Models\Transaction;
7 use App\Models\TransactionItem;
8 use Illuminate\Http\Request;
9
10 class TransactionController extends Controller{
11     public function index(Request $request){
12         $transactions = request()->user()->transactions()->get();
13         return view('transaction.index', compact('transactions'));
14     }
15     /**
16      * Show transaction details
17      * @param int $id
18      * @return \Illuminate\Http\Response
19      */
20     public function show($id){
21         $transaction = Transaction::with('user')->with('items')->find($id);
22         // Check if user is owner of transaction
23         if ($transaction->user_id != request()->user()->id) {
24             return redirect()->route('home')->with('error', 'You are not allowed to view this transaction');
25         }
26         return view('transaction.show', compact('transaction'));
27     }
28     /**
29      * Show cart items from session
30     */
}
```

```
.env TransactionController.php M X
app > Http > Controllers > TransactionController.php > PHP Tools > App\Http\Controllers\TransactionController > delete_cart

2 references | 0 overrides
32 public function cart(){
33     $cart = session()->get('cart');
34
35     // If cart is empty
36     if (empty($cart)) {
37         $cart = [];
38     }
39     // Iterate through $cart keys and get the corresponding game
40     $game = [];
41     foreach ($cart as $gameId => $quantity) {
42         $game[$gameId] = Game::find($gameId);
43     }
44     return view('transaction.cart', compact('game', 'cart'));
45 }
46 /**
47  * Edit cart items from session
48  * @param int $id
49  * @return \Illuminate\Http\Response
50  */
51 1 reference | 0 overrides
52 public function edit_cart(Request $request, $id){
53     // Validate quantity
54     $request->validate([
55         'quantity' => 'required|numeric|min:1',
56     ]);
57     $cart = session()->get('cart');
58     $cart[$id] = $request->quantity;
59     session()->put('cart', $cart);
60     return redirect()->route('user.cart')->with('success', 'Cart updated successfully');
61 }
/**
```

Activate Windows
Go to Settings to activate Windows.

```
.env TransactionController.php M X
app > Http > Controllers > TransactionController.php > PHP Tools > App\Http\Controllers\TransactionController > delete_cart

73 public function store(Request $request)
74 {
75     // Get the cart items from session
76     $cart = session()->get('cart');
77
78     // Create a new transaction
79     $transaction = new Transaction();
80     $transaction->user_id = auth()->user()->id;
81
82     if ($transaction->save()) {
83         try {
84             // Create a new transaction item for each cart item
85             foreach ($cart as $id => $quantity) {
86                 $game = Game::find($id);
87                 $transaction_item = new TransactionItem();
88                 $transaction_item->transaction_id = $transaction->id;
89                 $transaction_item->title = $game->title;
90                 $transaction_item->price = $game->price;
91                 $transaction_item->quantity = $quantity;
92                 $transaction_item->save();
93             }
94
95             // Delete the cart items
96             session()->forget('cart');
97
98             // Redirect to home with success message
99             return redirect()->route('user.transaction.detail', ['id' => $transaction->id])->with('success', 'Transacti
100         }
101         catch (\Exception $e) {
102             // Rollback the transaction
103             // $transaction->delete();
104         }
105     }
}
```

Activate Windows
Go to Settings to activate Windows.

```
.env TransactionController.php M X
app > Http > Controllers > TransactionController.php > PHP Tools > App\Http\Controllers\TransactionController > delete_cart

82     if ($transaction->save()) {
83         try {
84             // Create a new transaction item for each cart item
85             foreach ($cart as $id => $quantity) {
86                 $game = Game::find($id);
87                 $transaction_item = new TransactionItem();
88                 $transaction_item->transaction_id = $transaction->id;
89                 $transaction_item->title = $game->title;
90                 $transaction_item->price = $game->price;
91                 $transaction_item->quantity = $quantity;
92                 $transaction_item->save();
93             }
94
95             // Delete the cart items
96             session()->forget('cart');
97
98             // Redirect to home with success message
99             return redirect()->route('user.transaction.detail', ['id' => $transaction->id])->with('success', 'Transacti
100         }
101         catch (\Exception $e) {
102             // Rollback the transaction
103             // $transaction->delete();
104
105             // Redirect back to the cart with an error message
106             return redirect()->route('user.cart')
107                 ->with('error', 'Transaction failed! Please try again.');
```

Pada controller transaction, terdapat beberapa fungsi CRUD pada fitur transaksi. Yaitu index(), cart(), edit_cart(), delete_cart() dan store(). Pada fungsi index() berfungsi untuk menampilkan view pada menu transaction. kemudian untuk fungsi cart() digunakan untuk membuat fitur keranjang, jika kita membeli game pada website ini, maka game tersebut akan masuk ke keranjang terlebih dahulu. Kemudian terdapat fungsi edit_cart() yang berfungsi untuk menambahkan barang, sedangkan fungsi delete_cart() berfungsi untuk menghapus barang dari keranjang. Lalu ada fungsi store yang digunakan untuk transaksi pada website ini