

**LAPORAN PRAKTIKUM PEMROGRAMAN WEB
PRAKTIKUM 11 : LARAVEL III**



Disusun oleh :

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Kelas : A**

PROGRAM STUDI INFORMATIKA

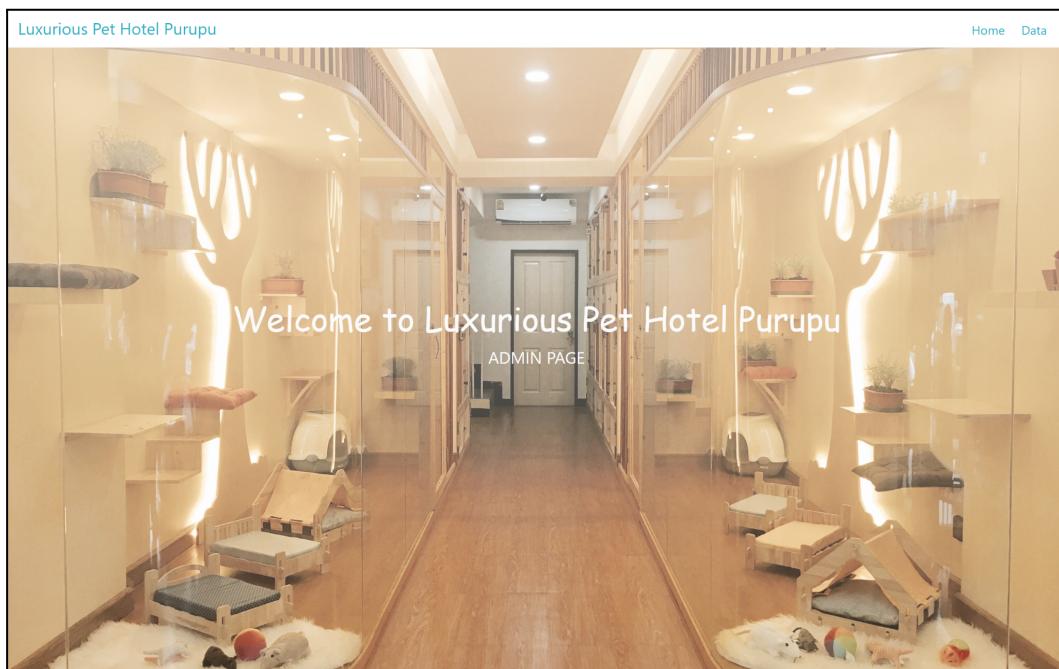
**FAKULTAS TEKNOLOGI INFORMASI DAN SAINS DATA
UNIVERSITAS SEBELAS MARET**

2023

A. Tampilan

Website yang dibuat oleh praktikan adalah sebuah website yang memuat daftar data pengunjung penitipan hewan peliharaan. Pada praktikum ini, praktikan membuat dengan Laravel, melanjutkan praktikum sebelumnya telah dibuat dan implementasi CRUD dengan menggunakan file storage dan validation. Berikut adalah tampilan yang terdapat dalam website yang telah dibuat oleh praktikan.

1) Home



Gambar diatas merupakan tampilan yang akan dilihat pengguna pertama kali. Pengguna dapat melanjutkan untuk melihat data pada bagian navigasi.

2) Table

Data Penitipan Hewan Peliharaan							
Tambah Data							
No	Pemilik	Nama Hewan	Usia Hewan	Tanggal Masuk	Tanggal Keluar	Gambar	Action
1	Alfreda Baumbach	Rowland Sipes	4	2004-05-05	1985-04-18		Edit Hapus
2	Dora Padberg	Stephanie Kovacek I	8	2017-01-18	1993-10-02		Edit Hapus
3	Dr. Joannie Zboncak	Rodolfo Brown	5	2006-06-17	2018-10-17		Edit Hapus
4	Eloise Jones	Lindsay Hartmann PhD	7	1990-10-18	2002-05-13		Edit Hapus
5	Eunice Gleason	Xander Ullrich	3	2014-11-09	2018-10-24		Edit Hapus
6	Felipe Collier IV	Ricky Trantow MD	6	1979-12-09	1976-03-18		Edit Hapus
7	Harisson Grey	Keedy	1	2023-07-04	2023-07-11		Edit Hapus
8	Humberto Brakus	Terrell Schimmel II	8	1979-03-16	1995-10-30		Edit Hapus
9	Madisen Stamm	Kale Schuster	9	2015-09-11	2019-08-24		Edit Hapus
10	Matilde Lockman	Jordane Robel	4	1976-01-29	1974-10-05		Edit Hapus
11	Mr. Wayne Rolfson Sr.	Dr. Mariane Gaylord	9	1997-06-21	1978-04-05		Edit Hapus

[Kembali](#)

Gambar diatas merupakan tampilan yang akan dilihat pengguna setelah menekan tombol Data pada navigasi home sebelumnya. Pada halaman tersebut pengguna dapat melihat daftar data penitipan hewan yang sedang ataupun pernah memalukan penitipan hewan sekaligus melakukan aksi mengedit, menambah dan menghapus data.

3) Add Form

The screenshot shows a web-based form titled "Form Penitipan Hewan Peliharaan" (Pet Care Deposit Form). The form is part of a system named "Luxurious Pet Hotel Purpu". It contains the following fields:

- Pemilik: A text input field.
- Nama Hewan: A text input field.
- Usia Hewan: A text input field.
- Tanggal Masuk: A date input field with a placeholder "dd/mm/yyyy" and a calendar icon.
- Tanggal Keluar: A date input field with a placeholder "dd/mm/yyyy" and a calendar icon.
- Unggah Gambar: A file upload input field showing "Choose File No file chosen".
- Submit: A blue rectangular button.
- Kembali: A small rectangular button.

Gambar diatas merupakan tampilan yang akan dilihat pengguna setelah menekan tombol Tambah Data pada halaman view table. Pada halaman tersebut pengguna dapat menambah data penitipan hewan sekaligus mengupload foto hewan peliharaan.

4) Edit Form

The screenshot shows a web-based form titled "Edit Penitipan Hewan Peliharaan" (Edit Animal Care Placement). The form is part of a system named "Luxurious Pet Hotel Purpu". It contains the following fields:

- Pemilik: Dr. Joannie Zboncak
- Nama Hewan: Rodolfo Brown
- Usia Hewan: 5
- Tanggal Masuk: 17/06/2006
- Tanggal Keluar: 17/10/2018
- Unggah Gambar: Choose File | No file chosen

At the bottom of the form are two buttons: "Update" (in blue) and "Kembali" (in grey).

Gambar diatas merupakan tampilan yang akan dilihat pengguna setelah menekan tombol Edit pada daftar data penitipan hewan. Pada halaman tersebut pengguna dapat mengedit data penitipan hewan sekaligus mengupload foto hewan peliharaan.

B. Source Code

1) Home

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css">
8     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
9     <link rel="stylesheet" href="">
10    <title>Penitipan Hewan Peliharaan</title>
11    <style>
12        header{
13            width: 100%;
14            height: 100vh;
15            background-image: linear-gradient(rgba(255, 255, 255, 0.5), rgba(255, 255, 255, 0.1)), url(banner.jpg);
16            background-size: cover;
17            background-position: center;
18            font-size: 20px;
19        }
20
21        h1{
22            font-family: 'Courgette', cursive;
23        }
24
25        nav{
26            background-color: #ffffff;
27        }
28
29        .navbar-header{
30            color: #28b2c7;
31        }
32
33        nav ul li a{
34            color: #28b2c7;
35            margin: 0 10px;
36            font-size: 15px;
37            text-decoration: none;
38        }
39
40        .head-content{
41            width: 100%;
42            position: absolute;
43            top: 50%;
44            transform: translateY(-50%);
45            text-align: center;
46            color: #fbfbfb;
47        }
48    </style>
49 </head>
50 <body>
51     <header>
52         <nav class="navbar fixed-top">
53             <div class="container-fluid">
54                 <div class="navbar-header">
55                     Luxurious Pet Hotel Purupu
56                 </div>
57                 <ul class="nav navbar-right">
58                     <li><a href="#">Home</a></li>
59                     <li><a href="{{ route('boarding.index') }}">Data</a></li>
60                 </ul>
61             </div>
62         </nav>
63         <div class="head-content">
64             <h1>Welcome to Luxurious Pet Hotel Purupu</h1>
65             <p>ADMIN PAGE</p>
66         </div>
67     </header>
68 </body>
69 </html>
```

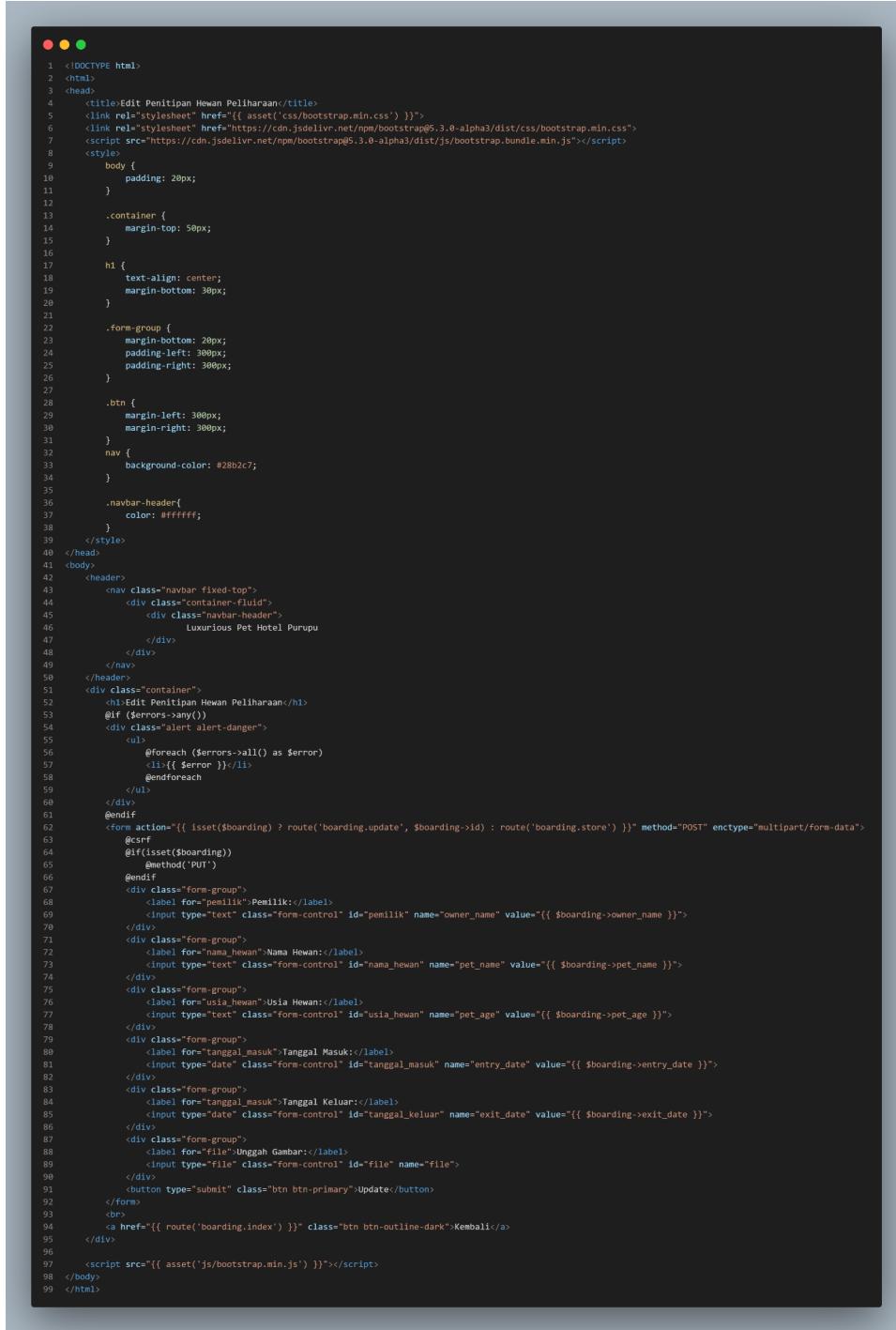
2) Table

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Data Penitipan Hewan Peliharaan</title>
5     <link rel="stylesheet" href="{{ asset('css/bootstrap.min.css') }}">
6     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css">
7     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
8     <style>
9         body {
10             padding: 20px;
11             text-align : center;
12         }
13
14         .container {
15             margin-top: 50px;
16         }
17
18         h1 {
19             text-align: center;
20             margin-bottom: 30px;
21         }
22
23         .btn {
24             margin-bottom: 10px;
25         }
26
27         nav {
28             background-color: #28b2c7;
29         }
30
31         .navbar-header{
32             color: #ffffff;
33         }
34     </style>
35 </head>
36 <body>
37     <header>
38         <nav class="navbar fixed-top">
39             <div class="container-fluid">
40                 <div class="navbar-header">
41                     Luxurious Pet Hotel Purpu
42                 </div>
43             </div>
44         </nav>
45     </header>
46     <div class="container">
47         <h1>Data Penitipan Hewan Peliharaan</h1>
48         @if(session('success'))
49             <div class="alert alert-success">
50                 {{ session('success') }}
51             </div>
52         @endif
53         <a href="{{ route('boarding.create') }}" class="btn btn-success">Tambah Data</a>
54         <table class="table">
55             <thead>
56                 <tr>
57                     <th>No</th>
58                     <th>Pemilik</th>
59                     <th>Nama Hewan</th>
60                     <th>Usia Hewan</th>
61                     <th>Tanggal Masuk</th>
62                     <th>Tanggal Keluar</th>
63                     <th>Gambar</th>
64                     <th>Action</th>
65                 </tr>
66             </thead>
67             <tbody>
68                 @foreach($boardings as $boarding)
69                 <tr>
70                     <td>{{ $loop->iteration }}</td>
71                     <td>{{ $boarding->owner_name }}</td>
72                     <td>{{ $boarding->pet_name }}</td>
73                     <td>{{ $boarding->pet_age }}</td>
74                     <td>{{ $boarding->entry_date }}</td>
75                     <td>{{ $boarding->exit_date }}</td>
76                     <td></td>
77                     <td>
78                         <a href="{{ route('boarding.edit', $boarding->id) }}" class="btn btn-primary">Edit</a>
79                         <form action="{{ route('boarding.destroy', $boarding->id) }}" method="POST" style="display: inline-block;">
80                             @csrf
81                             @method('DELETE')
82                             <button type="submit" class="btn btn-danger">Hapus</button>
83                         </form>
84                     </td>
85                 </tr>
86             @endforeach
87         </tbody>
88     </table>
89     <br>
90     <a href="{{ route('home') }}" button type="button" class="btn btn-outline-dark">Kembali</a>
91 </div>
92
93     <script src="{{ asset('js/bootstrap.min.js') }}"></script>
94 </body>
95 </html>
```

3) Add Form

```
● ● ●
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Form Penitipan Hewan Peliharaan</title>
5   <link rel="stylesheet" href="{{ asset('css/bootstrap.min.css') }}>
6   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css">
7   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
8   <style>
9     body {
10       padding: 20px;
11     }
12     .container {
13       margin-top: 50px;
14     }
15     h1 {
16       text-align: center;
17       margin-bottom: 30px;
18     }
19     .form-group {
20       margin-bottom: 20px;
21       padding-left: 300px;
22       padding-right: 300px;
23     }
24     .btn {
25       margin-left: 300px;
26       margin-right: 300px;
27     }
28     nav {
29       background-color: #28b2c7;
30     }
31     .navbar-header{
32       color: #fffff;
33     }
34   </style>
35 </head>
36 <body>
37   <header>
38     <nav class="navbar fixed-top">
39       <div class="container-fluid">
40         <div class="navbar-header">
41           Luxurious Pet Hotel Purpu
42         </div>
43       </div>
44     </nav>
45   </header>
46   <div class="container">
47     <h1>Form Penitipan Hewan Peliharaan</h1>
48     <form action="{{ isset($boarding) ? route('boarding.update', $boarding->id) : route('boarding.store') }}" method="POST" enctype="multipart/form-data" method="POST">
49       <csrf>
50       <div class="form-group">
51         <label for="pemilik">Pemilik:</label>
52         <input type="text" class="form-control" id="pemilik" name="owner_name">
53       </div>
54       <div class="form-group">
55         <label for="nama_hewan">Nama Hewan:</label>
56         <input type="text" class="form-control" id="nama_hewan" name="pet_name">
57       </div>
58       <div class="form-group">
59         <label for="usia_hewan">Usia Hewan:</label>
60         <input type="text" class="form-control" id="usia_hewan" name="pet_age">
61       </div>
62       <div class="form-group">
63         <label for="tanggal_masuk">Tanggal Masuk:</label>
64         <input type="date" class="form-control" id="tanggal_masuk" name="entry_date">
65       </div>
66       <div class="form-group">
67         <label for="tanggal_keluar">Tanggal Keluar:</label>
68         <input type="date" class="form-control" id="tanggal_keluar" name="exit_date">
69       </div>
70       <div class="form-group">
71         <label for="file">Unggah Gambar:</label>
72         <input type="file" class="form-control" id="file" name="file">
73       </div>
74       <button type="submit" class="btn btn-primary">Submit</button>
75     </form>
76   </div>
77   <a href="{{ route('boarding.index') }}" class="btn btn-outline-dark">Kembali</a>
78 </div>
79   <script src="{{ asset('js/bootstrap.min.js') }}></script>
80 </body>
81 </html>
```

4) Edit Form



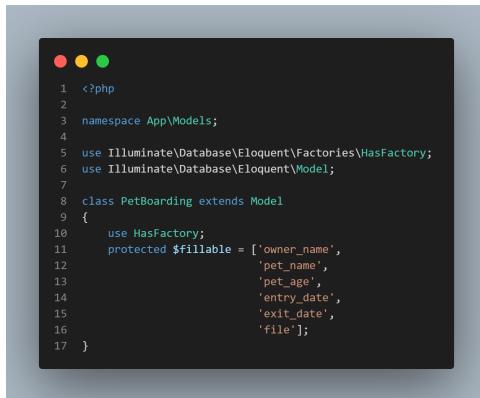
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Edit Penitipan Hewan Peliharaan</title>
5     <link rel="stylesheet" href="{{ asset('css/bootstrap.min.css') }}>
6     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css">
7     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
8     <style>
9         body {
10             padding: 20px;
11         }
12         .container {
13             margin-top: 50px;
14         }
15         h1 {
16             text-align: center;
17             margin-bottom: 30px;
18         }
19         .form-group {
20             margin-bottom: 20px;
21             padding-left: 300px;
22             padding-right: 300px;
23         }
24         .btn {
25             margin-left: 300px;
26             margin-right: 300px;
27         }
28         nav {
29             background-color: #28b2c7;
30         }
31         .navbar-header{
32             color: #fffff;
33         }
34     </style>
35 </head>
36 <body>
37 <header>
38     <nav class="navbar fixed-top">
39         <div class="container-fluid">
40             <div class="navbar-header">
41                 Luxurious Pet Hotel Purupu
42             </div>
43         </div>
44     </nav>
45 </header>
46 <div class="container">
47     <h1>Edit Penitipan Hewan Peliharaan</h1>
48     @if ($errors->any())
49     <div class="alert alert-danger">
50         <ul>
51             @foreach ($errors->all() as $error)
52             <li>{{ $error }}</li>
53             @endforeach
54         </ul>
55     </div>
56     @endif
57     <form action="{{ isset($boarding) ? route('boarding.update', $boarding->id) : route('boarding.store') }}" method="POST" enctype="multipart/form-data">
58         @csrf
59         @if(isset($boarding))
60             @method('PUT')
61         @endif
62         <div class="form-group">
63             <label for="Pemilik">Pemilik:</label>
64             <input type="text" class="form-control" id="pemilik" name="owner_name" value="{{ $boarding->owner_name }}>
65         </div>
66         <div class="form-group">
67             <label for="nama_hewan">Nama Hewan:</label>
68             <input type="text" class="form-control" id="nama_hewan" name="pet_name" value="{{ $boarding->pet_name }}>
69         </div>
70         <div class="form-group">
71             <label for="usia_hewan">Usia Hewan:</label>
72             <input type="text" class="form-control" id="usia_hewan" name="pet_age" value="{{ $boarding->pet_age }}>
73         </div>
74         <div class="form-group">
75             <label for="tanggal_masuk">Tanggal Masuk:</label>
76             <input type="date" class="form-control" id="tanggal_masuk" name="entry_date" value="{{ $boarding->entry_date }}>
77         </div>
78         <div class="form-group">
79             <label for="tanggal_keluar">Tanggal Keluar:</label>
80             <input type="date" class="form-control" id="tanggal_keluar" name="exit_date" value="{{ $boarding->exit_date }}>
81         </div>
82         <div class="form-group">
83             <label for="file">Unggah Gambar:</label>
84             <input type="file" class="form-control" id="file" name="file">
85         </div>
86         <button type="submit" class="btn btn-primary">Update</button>
87     </form>
88     <br>
89     <a href="{{ route('boarding.index') }}" class="btn btn-outline-dark">Kembali</a>
90     </div>
91     <script src="{{ asset('js/bootstrap.min.js') }}></script>
92 </body>
93 </html>
```

5) Migration



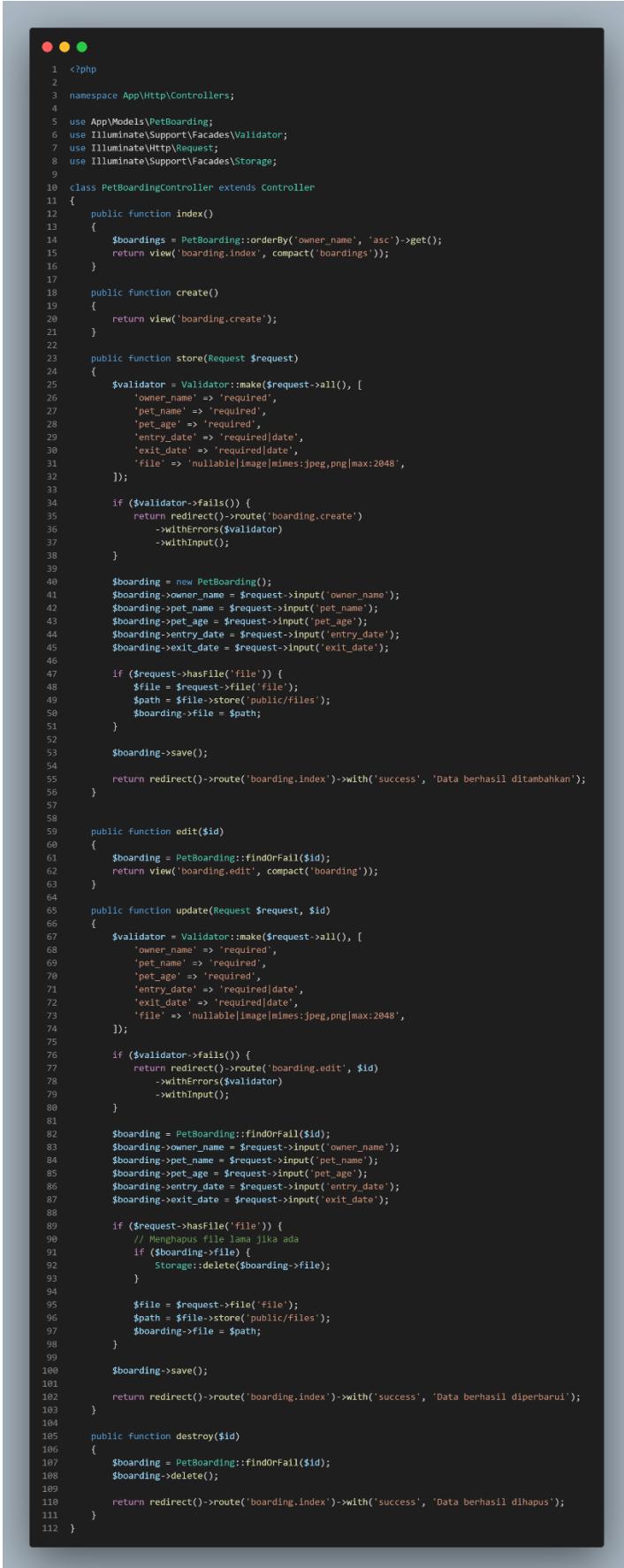
```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('pet_boardings', function (Blueprint $table) {
15             $table->id();
16             $table->string('owner_name');
17             $table->string('pet_name');
18             $table->integer('pet_age');
19             $table->date('entry_date');
20             $table->date('exit_date');
21             $table->string('file')->nullable();
22             $table->timestamps();
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      */
29     public function down(): void
30     {
31         Schema::dropIfExists('pet_boardings');
32     }
33 };
```

6) Models



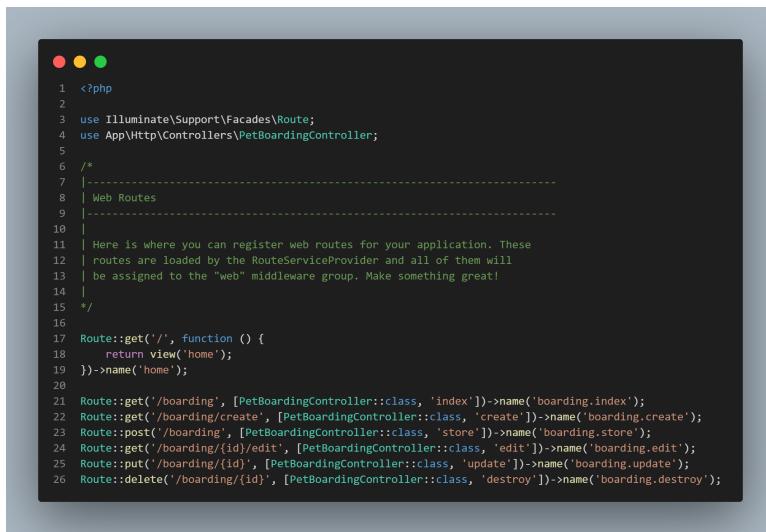
```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class PetBoarding extends Model
9 {
10     use HasFactory;
11     protected $fillable = ['owner_name',
12                           'pet_name',
13                           'pet age',
14                           'entry_date',
15                           'exit_date',
16                           'file'];
17 }
```

7) Controller



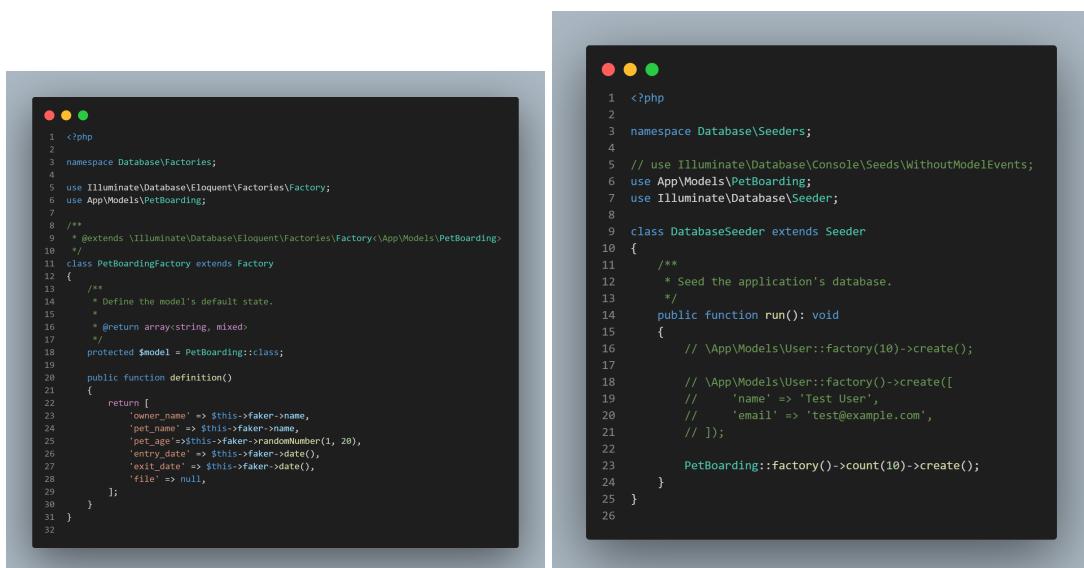
```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\PetBoarding;
6 use Illuminate\Support\Facades\Validator;
7 use Illuminate\Http\Request;
8 use Illuminate\Support\Facades\Storage;
9
10 class PetBoardingController extends Controller
11 {
12     public function index()
13     {
14         $boardings = PetBoarding::orderBy('owner_name', 'asc')->get();
15         return view('boarding.index', compact('boardings'));
16     }
17
18     public function create()
19     {
20         return view('boarding.create');
21     }
22
23     public function store(Request $request)
24     {
25         $validator = Validator::make($request->all(), [
26             'owner_name' => 'required',
27             'pet_name' => 'required',
28             'pet_age' => 'required',
29             'entry_date' => 'required|date',
30             'exit_date' => 'required|date',
31             'file' => 'nullable|image|mimes:jpeg,png|max:2048',
32         ]);
33
34         if ($validator->fails()) {
35             return redirect()->route('boarding.create')
36                 ->withErrors($validator)
37                 ->withInput();
38         }
39
40         $boarding = new PetBoarding();
41         $boarding->owner_name = $request->input('owner_name');
42         $boarding->pet_name = $request->input('pet_name');
43         $boarding->pet_age = $request->input('pet_age');
44         $boarding->entry_date = $request->input('entry_date');
45         $boarding->exit_date = $request->input('exit_date');
46
47         if ($request->hasFile('file')) {
48             $file = $request->file('file');
49             $path = $file->store('public/files');
50             $boarding->file = $path;
51         }
52
53         $boarding->save();
54
55         return redirect()->route('boarding.index')->with('success', 'Data berhasil ditambahkan');
56     }
57
58
59     public function edit($id)
60     {
61         $boarding = PetBoarding::findOrFail($id);
62         return view('boarding.edit', compact('boarding'));
63     }
64
65     public function update(Request $request, $id)
66     {
67         $validator = Validator::make($request->all(), [
68             'owner_name' => 'required',
69             'pet_name' => 'required',
70             'pet_age' => 'required',
71             'entry_date' => 'required|date',
72             'exit_date' => 'required|date',
73             'file' => 'nullable|image|mimes:jpeg,png|max:2048',
74         ]);
75
76         if ($validator->fails()) {
77             return redirect()->route('boarding.edit', $id)
78                 ->withErrors($validator)
79                 ->withInput();
80         }
81
82         $boarding = PetBoarding::findOrFail($id);
83         $boarding->owner_name = $request->input('owner_name');
84         $boarding->pet_name = $request->input('pet_name');
85         $boarding->pet_age = $request->input('pet_age');
86         $boarding->entry_date = $request->input('entry_date');
87         $boarding->exit_date = $request->input('exit_date');
88
89         if ($request->hasFile('file')) {
90             // Menghapus file lama jika ada
91             if ($boarding->file) {
92                 Storage::delete($boarding->file);
93             }
94
95             $file = $request->file('file');
96             $path = $file->store('public/files');
97             $boarding->file = $path;
98         }
99
100        $boarding->save();
101
102        return redirect()->route('boarding.index')->with('success', 'Data berhasil diperbarui');
103    }
104
105    public function destroy($id)
106    {
107        $boarding = PetBoarding::findOrFail($id);
108        $boarding->delete();
109
110        return redirect()->route('boarding.index')->with('success', 'Data berhasil dihapus');
111    }
112 }
```

8) Routes



```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\PetBoardingController;
5
6 /*
7 |-----
8 | Web Routes
9 |-----
10 |
11 | Here is where you can register web routes for your application. These
12 | routes are loaded by the RouteServiceProvider and all of them will
13 | be assigned to the "web" middleware group. Make something great!
14 |
15 */
16
17 Route::get('/', function () {
18     return view('home');
19 })->name('home');
20
21 Route::get('/boarding', [PetBoardingController::class, 'index'])->name('boarding.index');
22 Route::get('/boarding/create', [PetBoardingController::class, 'create'])->name('boarding.create');
23 Route::post('/boarding', [PetBoardingController::class, 'store'])->name('boarding.store');
24 Route::get('/boarding/{id}/edit', [PetBoardingController::class, 'edit'])->name('boarding.edit');
25 Route::put('/boarding/{id}', [PetBoardingController::class, 'update'])->name('boarding.update');
26 Route::delete('/boarding/{id}', [PetBoardingController::class, 'destroy'])->name('boarding.destroy');
```

9) Seeder & Factory



```
1 <?php
2
3 namespace Database\Factories;
4
5 use Illuminate\Database\Eloquent\Factories\Factory;
6 use App\Models\PetBoarding;
7
8 /**
9  * @extends \Illuminate\Database\Eloquent\Factories\Factory<\App\Models\PetBoarding>
10 */
11 class PetBoardingFactory extends Factory
12 {
13     /**
14      * Define the model's default state.
15      *
16      * @return array<string, mixed>
17     */
18     protected $model = PetBoarding::class;
19
20     public function definition()
21     {
22         return [
23             'owner_name' => $this->faker->name,
24             'pet_name' => $this->faker->name,
25             'pet_age' => $this->faker->randomNumber(1, 20),
26             'entry_date' => $this->faker->date(),
27             'exit_date' => $this->faker->date(),
28             'file' => null,
29         ];
30     }
31 }
32 
```

```
1 <?php
2
3 namespace Database\Seeders;
4
5 // use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6 use App\Models\PetBoarding;
7 use Illuminate\Database\Seeder;
8
9 class DatabaseSeeder extends Seeder
10 {
11     /**
12      * Seed the application's database.
13      */
14     public function run(): void
15     {
16         // \App\Models\User::factory(10)->create();
17
18         // \App\Models\User::factory()->create([
19             // 'name' => 'Test User',
20             // 'email' => 'test@example.com',
21         ]);
22
23         PetBoarding::factory()->count(10)->create();
24     }
25 }
26 
```