

— PORTFOLIO —

SAMUEL P. MALAU



Hello, my name

Samuel Parlindungan Malau

I'm a fresh graduate in Information Technology from the University of North Sumatra. During my time in college, I picked up some basic programming skills and continued to learn to improve on my own.

I am a man who's ready to start my career, work hard, and keep learning new things to achieve mutual success. I'm looking forward to joining a team and developing my skills, especially in IT field, and I'm confident that I can contribute to achieve our company's success.

EDUCATION

University of Sumatra Utara

Bachelor of Information Technology (08/2019-07/2024)

- GPA 3,60/4,00
- Thesis : Citrus Plant Diseases Detection Based on Leaf Images Using You Only Look Once Version 8 (YOLOV8) Method

Programming skill

1. Basic Web Programming, HTML & CSS

[Intermediate]

2. PHP Laravel

[Intermediate]

3. Javascript

[Beginner]

4. RestAPI

[Beginner]

5. Python

[Beginner]

6. Kotlin

[Beginner]

7. C++

[Beginner]

Tools
i use :



VS Code



Figma



Android Studio



Postman



Ms. Office

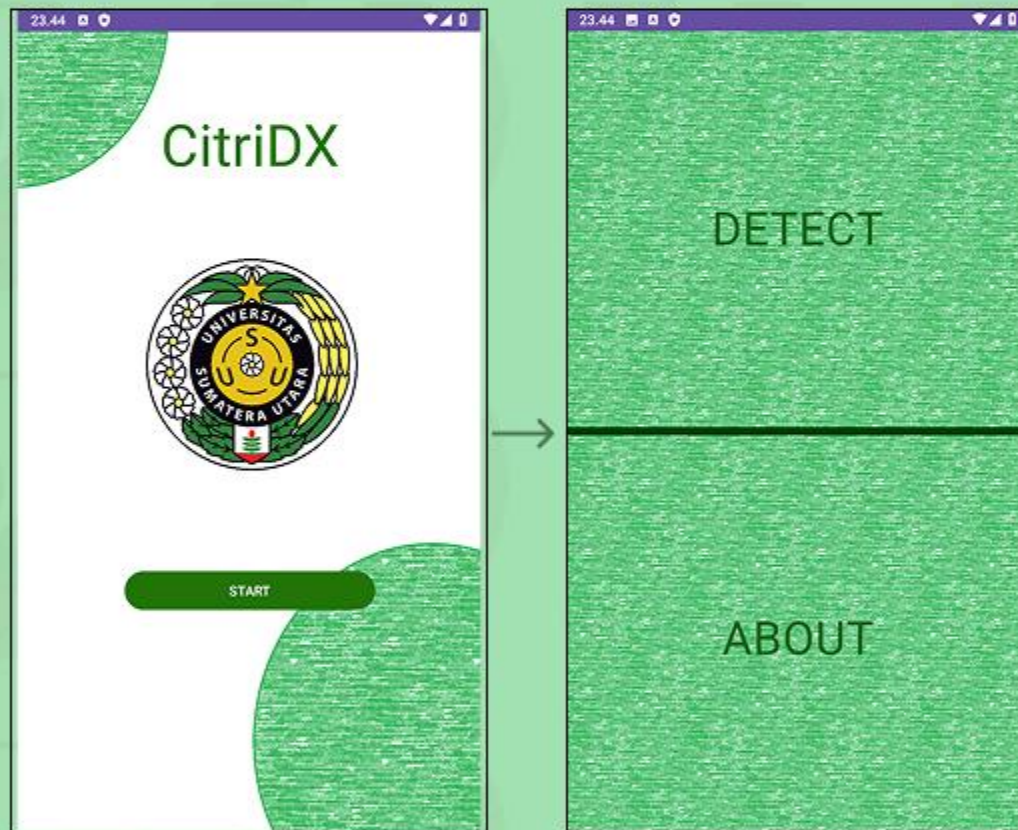


Git

> Citridx

[IPython][Kotlin]

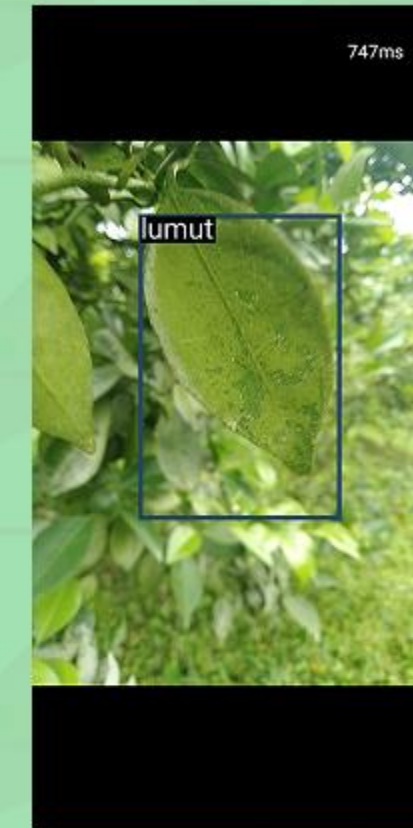
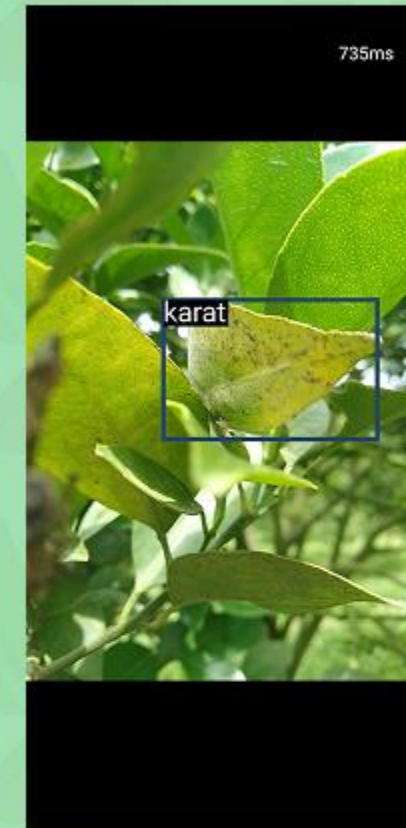
[YOLOv8]



Link

<https://bit.ly/SPM-Citridx> (code)

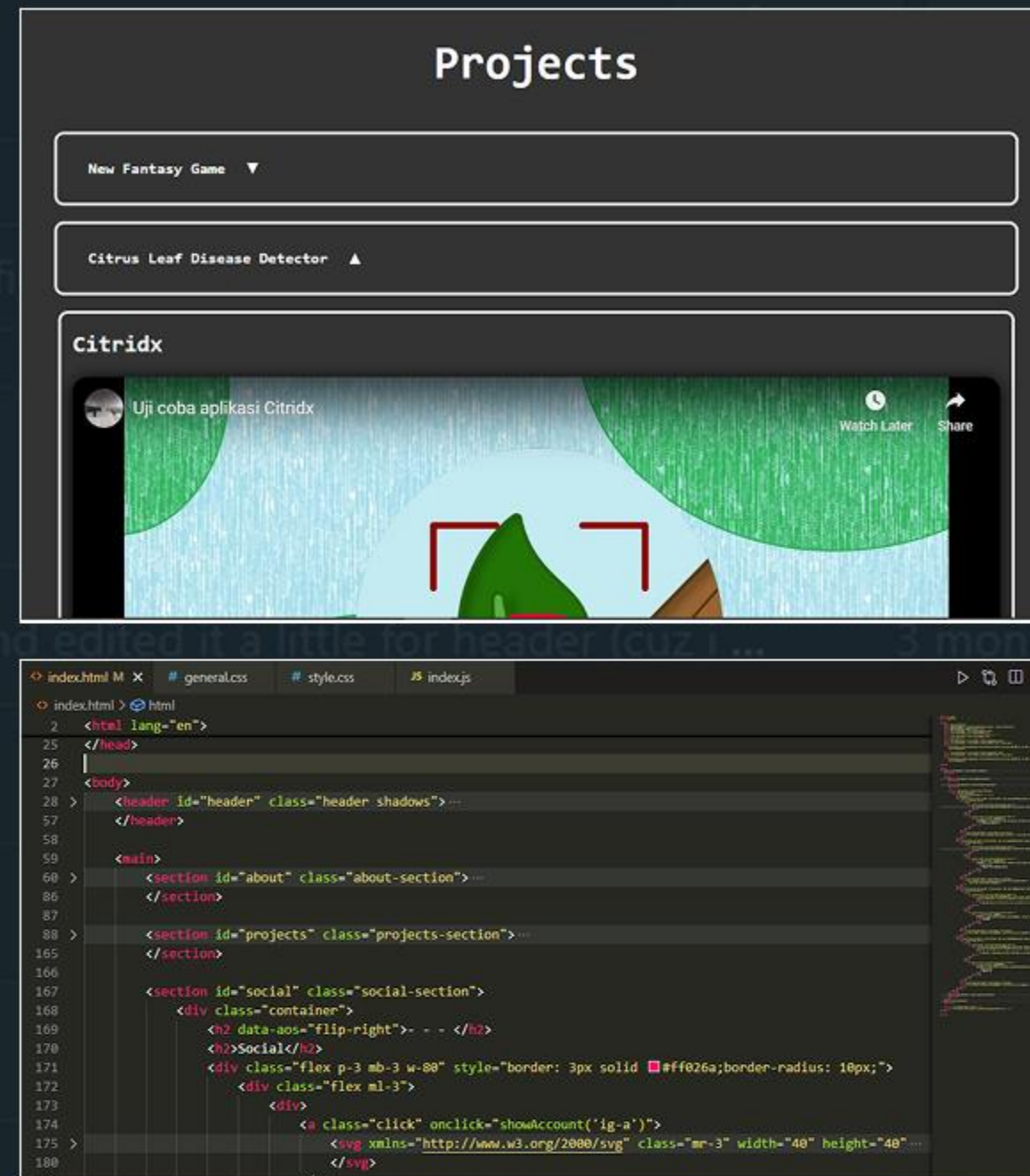
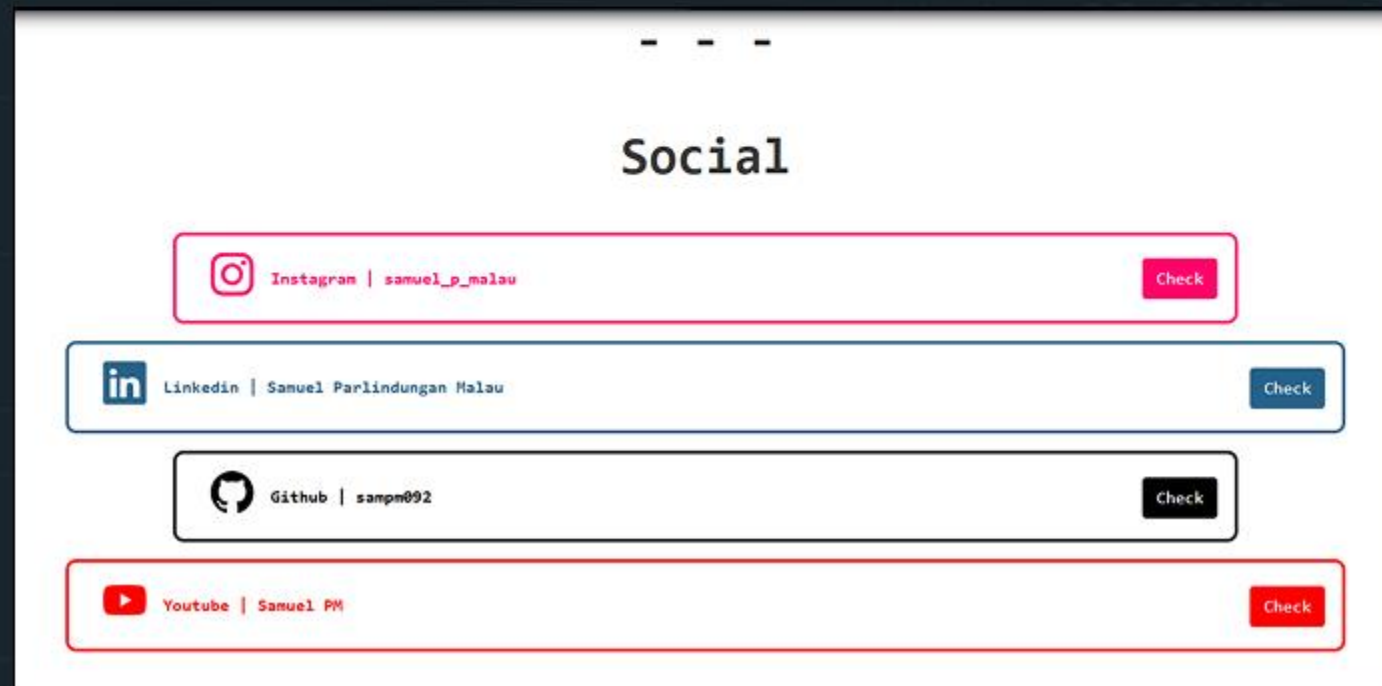
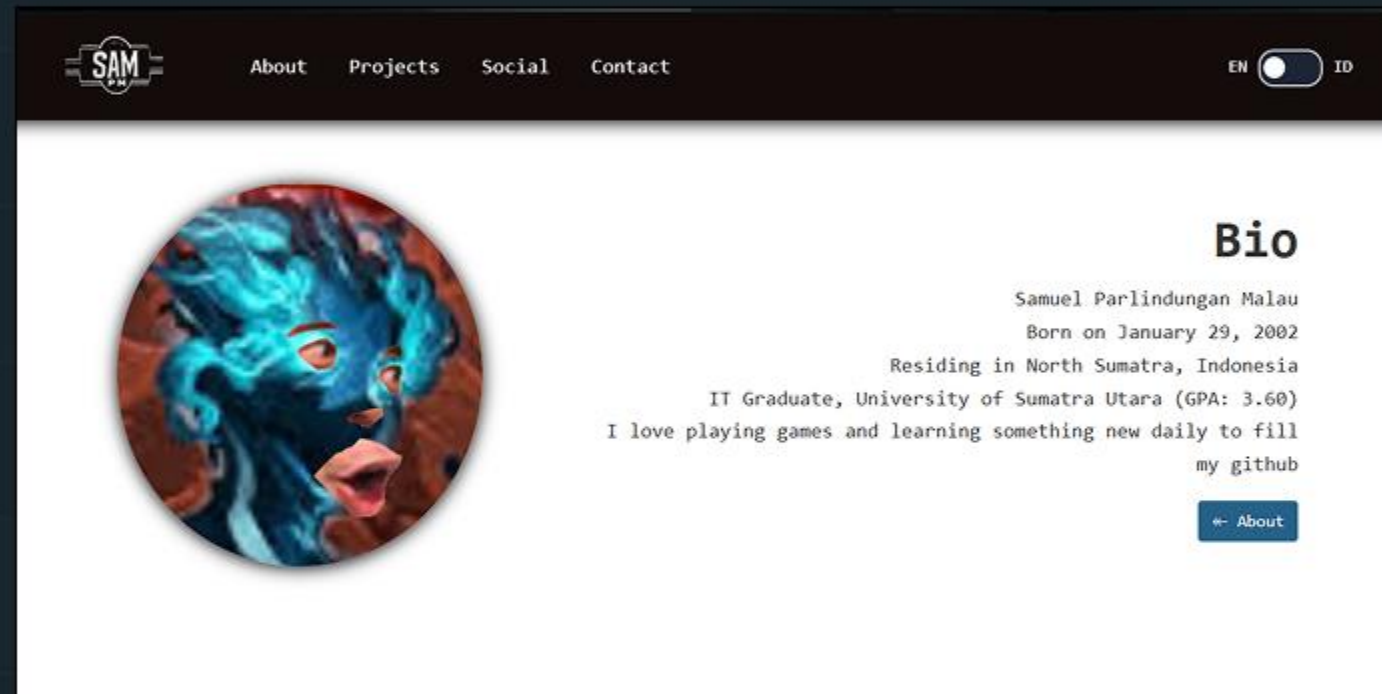
<https://bit.ly/CitridxTest> (test)



This application was made to detect three kinds of citrus diseases (canker, mold, and rust) with the implementation of the deep learning method, You Only Look Once version 8, which is implemented in a mobile app built with Kotlin. This application was developed to fulfill my college thesis

> Github Portofolio

[HTML][CSS][Javascript]



This program is a simple application to showcase my portfolio in the form of a website hosted on Github. This website consists of four main sections: About, Projects, Social, and Contact. The website was developed using HTML, CSS, and Javascript with no additional framework

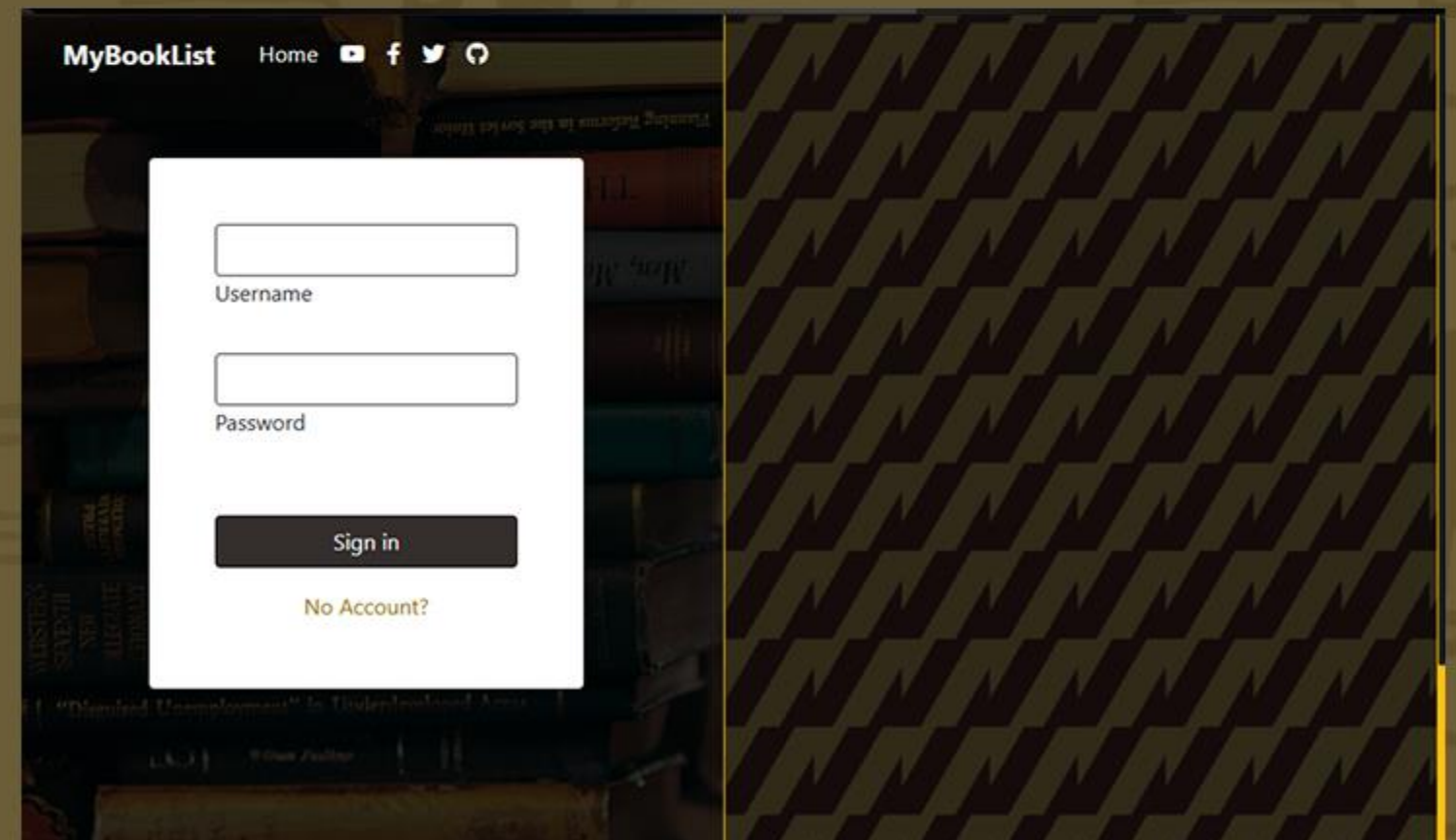
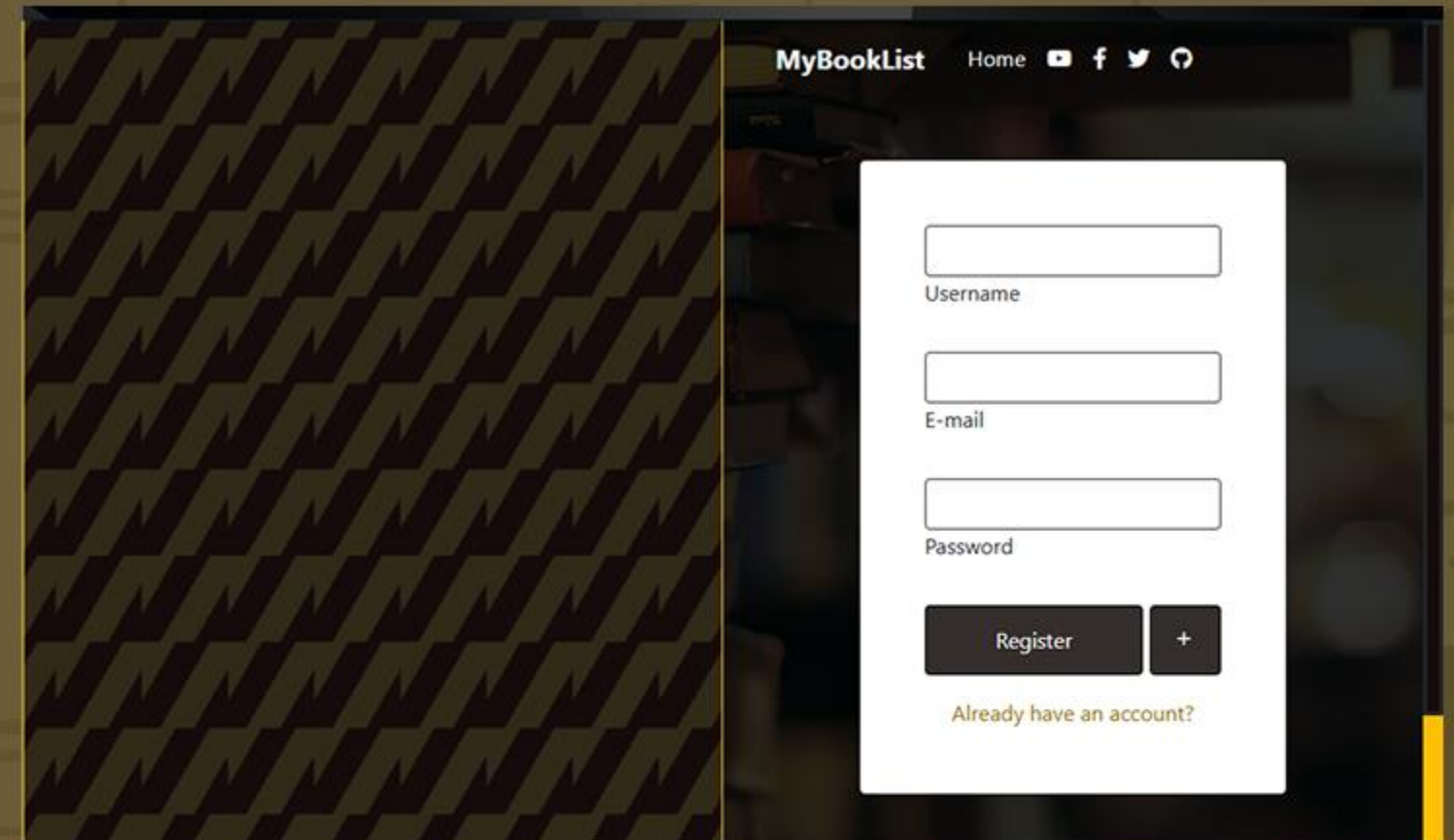
Projects

Link
<https://bit.ly/SPM-EPorto>

> MyBookList


[Laravel][Javascript]
[CSS][Bootstrap4]

This is a simple program I developed as an implementation of my study on the Laravel framework. This program has login and registration features, which will create an account that can be used to record a list of books from the user. It will be input by the user manually.



Link

<https://bit.ly/SPM-NFantasy>

[MyBookList](#) [Home](#) [About](#)  user1

Welcome, **user1**

Search...

Login page view

Book Cover
 SHERLOCK-HOLMES-A-STUDY-IN-.jpg

Book Title
Sherlock Holmes : A Study in Scarlet

Author
Sir Arthur Conan Doyle

Description
A Study in Scarlet is an 1887 detective novel by British writer Arthur Conan Doyle. The story marks the first appearance of Sherlock Holmes and Dr. Watson, who would become the most famous detective duo in English literature.

Adding book

[MyBookList](#) [Home](#) [About](#)

Books

Account

Search...

Book Cover	Book Title	Author	Date Added	Action
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Profile page view : Books

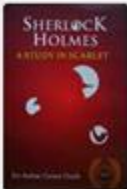
[MyBookList](#) [Home](#) [About](#)

Books

Account

Book added successfully

Search...

Book Cover	Book Title	Author	Date Added	Action
	Sherlock Holmes : A Study in Scarlet	Sir Arthur Conan Doyle	2025-03-12 07:09:15	<input type="button" value="VIEW"/> <input type="button" value="EDIT"/> <input type="button" value="DELETE"/>

Profile page view after adding book

Books

Account

(Edit foto profil dan username)

user1

UPDATE RESET

Username: user1

Email: user123@gmail.com

Account Created: 2025-03-12 07:02:04

Last Modified: 2025-03-12 07:02:04

Delete this account?
Once you delete this account, there is no going back. Please be certain.

Delete

Profile page view : Account

MyBookList Home About

user1

Welcome, user1

Search...

Heart Shaped Box

Bumi

Supernova : Kesatria, Putri, & Bintang Jatuh

The Heroes of Olympus : The Lost Hero

Input result on dashboard

Another feature that exists in this website consists of book search, account deletion, book viewing, and an about section. There's also an admin-level account that can control and view the list of existing accounts. This program is still far from perfect because its purpose is just to learn Laravel, and I hope I can develop it further to sharpen my skills.

WELCOME TO ADMIN DASHBOARD

ID	Picture	Username	Email	Password	Date Added	Role	Action
1		admin11	adm@adm.com	\$2y\$10\$Lx30l2NXNuXGq1yzA35YPOhFNgQgt25BB6.QNVWfu7bRv.P.jyvzu	2024-11-21 10:17:29	Admin	VIEW DELETE
2							UPDATE RESET
3							
4							

Username: admin11

Email: adm@adm.com

Account Created: 2024-11-21 10:17:29

Last Modified: 2024-11-22 10:03:21

[UPDATE](#) [RESET](#)

Edit Password
Change this account password

[Change](#)

Admin status
Erase this account admin status?

[Change](#)

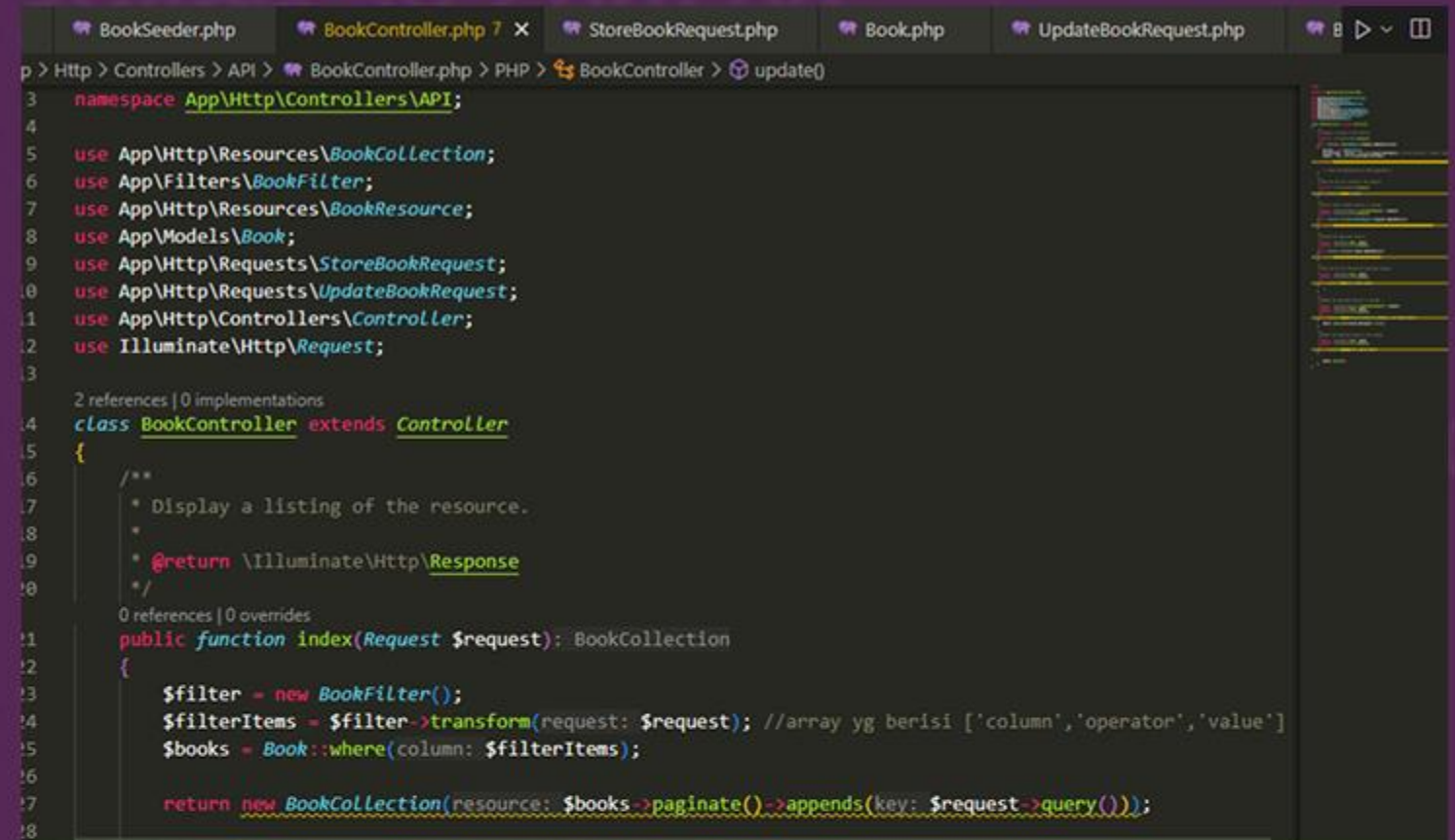
Delete this account?
Once you delete this account, there is no going back. Please be certain.

[Delete](#)

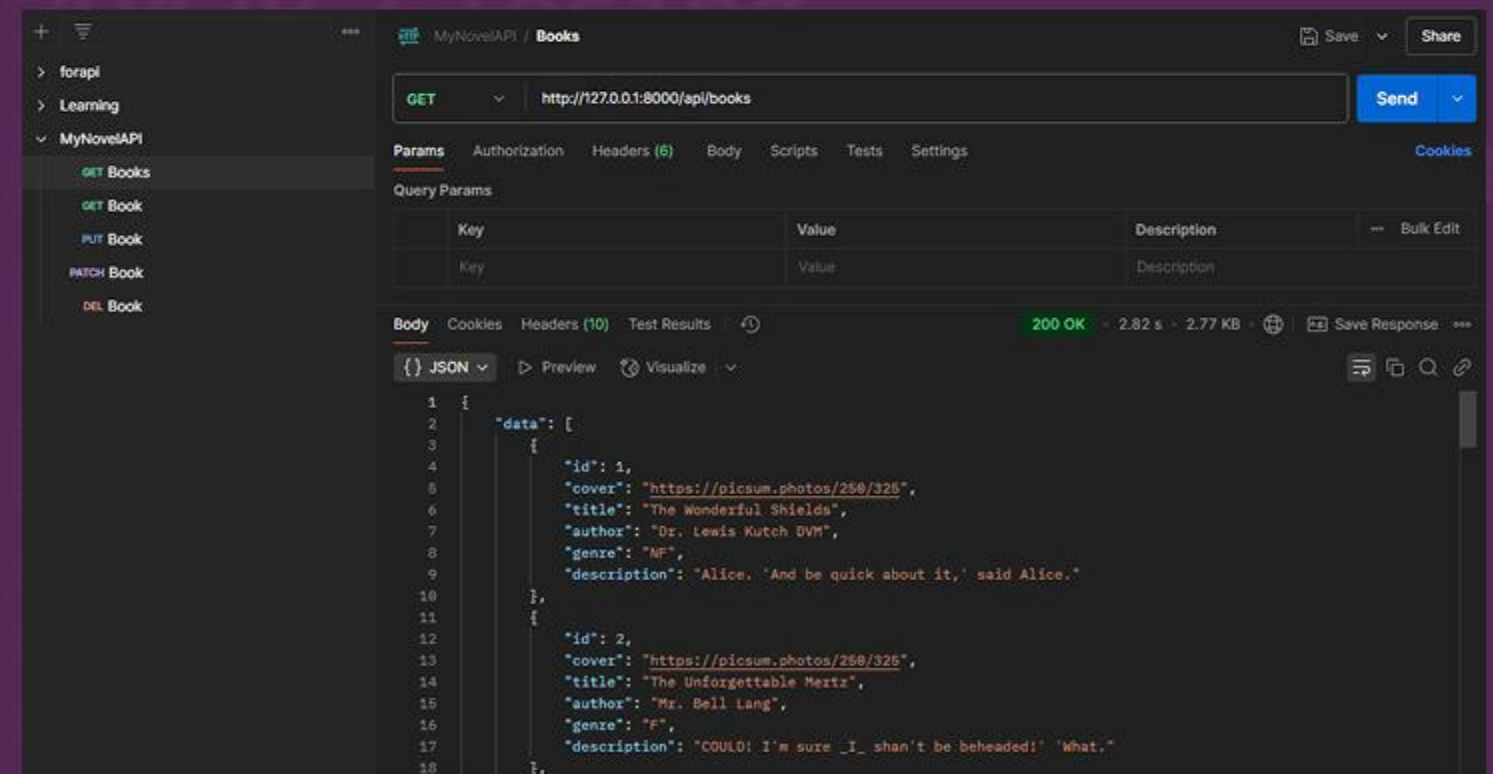
> MyNovelAPI

[Laravel][RestAPI]

This is a simple API program that I made as a result of my study on RestAPI using the Laravel framework. The requests that can be made in this book API include get all, get one, post, put, patch, and delete.



```
BookSeeder.php BookController.php 7 X StoreBookRequest.php Book.php UpdateBookRequest.php
p > Http > Controllers > API > BookController.php > PHP > BookController > update()
3 namespace App\Http\Controllers\API;
4
5 use App\Http\Resources\BookCollection;
6 use App\Filters\BookFilter;
7 use App\Http\Resources\BookResource;
8 use App\Models\Book;
9 use App\Http\Requests\StoreBookRequest;
10 use App\Http\Requests\UpdateBookRequest;
11 use App\Http\Controllers\Controller;
12 use Illuminate\Http\Request;
13
14 2 references | 0 implementations
15 class BookController extends Controller
16 {
17     /**
18      * Display a listing of the resource.
19      *
20      * @return \Illuminate\Http\Response
21      */
22     0 references | 0 overrides
23     public function index(Request $request): BookCollection
24     {
25         $filter = new BookFilter();
26         $filterItems = $filter->transform(request: $request); //array yg berisi ['column','operator','value']
27         $books = Book::where(column: $filterItems);
28
29         return new BookCollection(resource: $books->paginate()->appends(key: $request->query()));
30     }
31 }
```



MyNovelAPI / Books

GET http://127.0.0.1:8000/api/books Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (10) Test Results 200 OK · 2.82 s · 2.77 KB Save Response

JSON Preview Visualize

```
1 {
2   "data": [
3     {
4       "id": 1,
5       "cover": "https://picsum.photos/250/325",
6       "title": "The Wonderful Shields",
7       "author": "Dr. Lewis Kutch DVM",
8       "genre": "MF",
9       "description": "Alice. 'And be quick about it,' said Alice."
10    },
11    {
12      "id": 2,
13      "cover": "https://picsum.photos/250/325",
14      "title": "The Unforgettable Mertz",
15      "author": "Mr. Bell Lang",
16      "genre": "F",
17      "description": "COULD! I'm sure _I_ shan't be beheaded! 'What.'"
18    }
19  ]
20 }
```

Link

<https://bit.ly/SPM-NovelAPI>

> New Fantasy

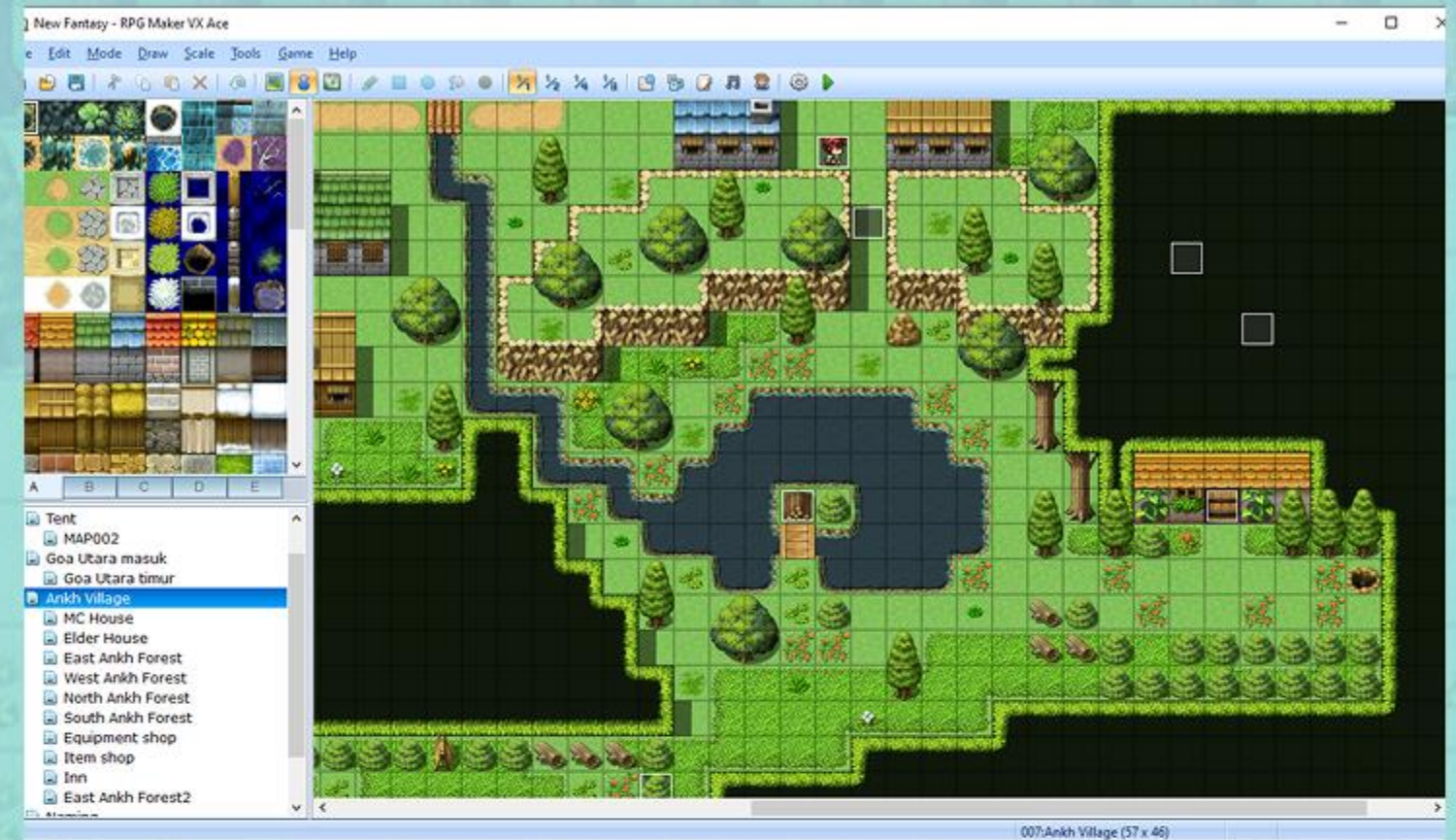
[RPG Maker VX Ace]

This is a game that I made, which is a simple adaptation from a novel I made and developed using RPG Maker VX. This game consists of one chapter of my novel, which is translated from Indonesia to English, with around fifteen minutes of gameplay. Most of the game assets are from the original RPG Maker. The rest of the assets are made with AI and edited with Photoshop, especially the monster and weapon

Link

<https://bit.ly/SPM-NFantasy>

<https://bit.ly/NFantasy-game>



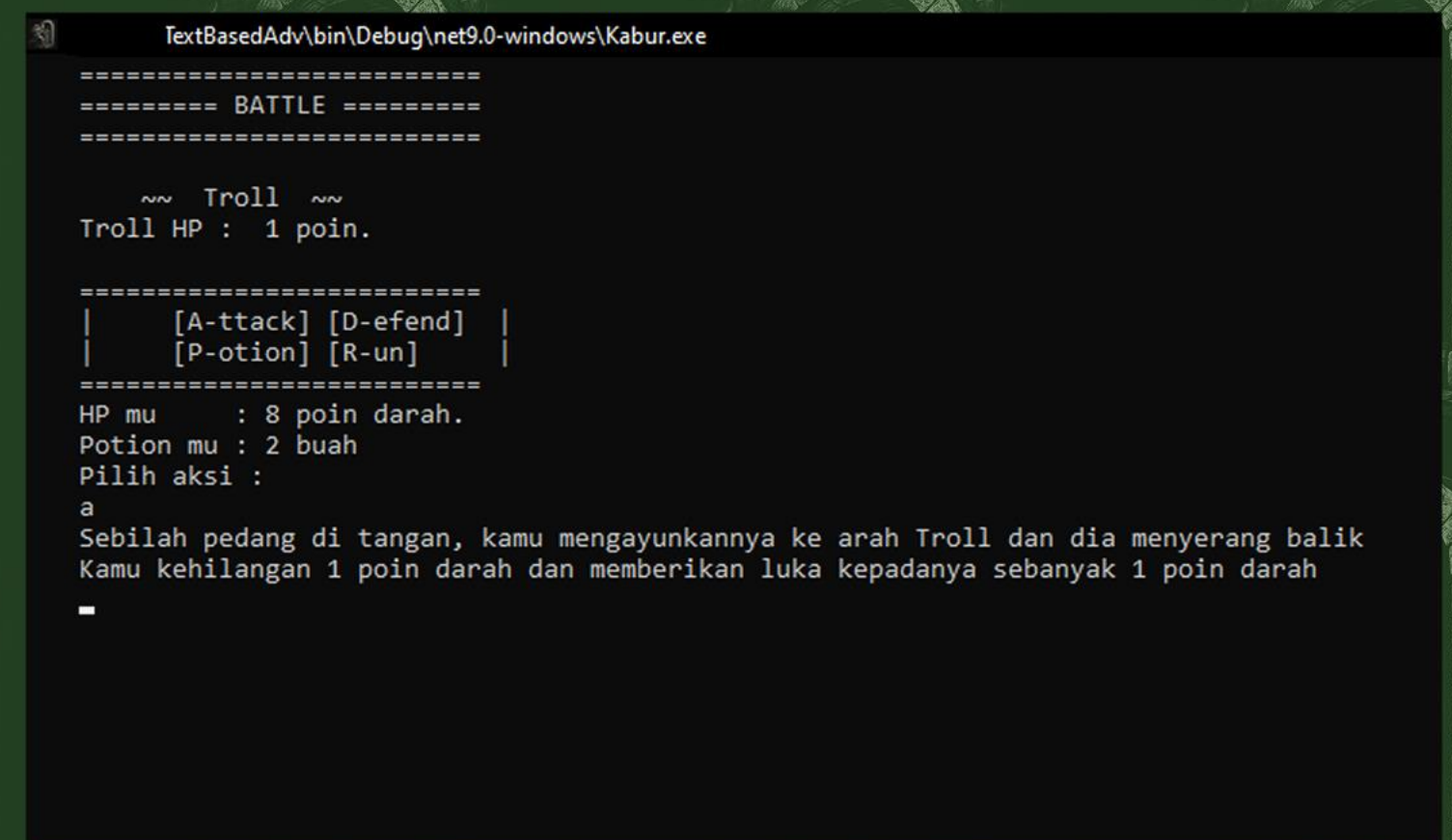
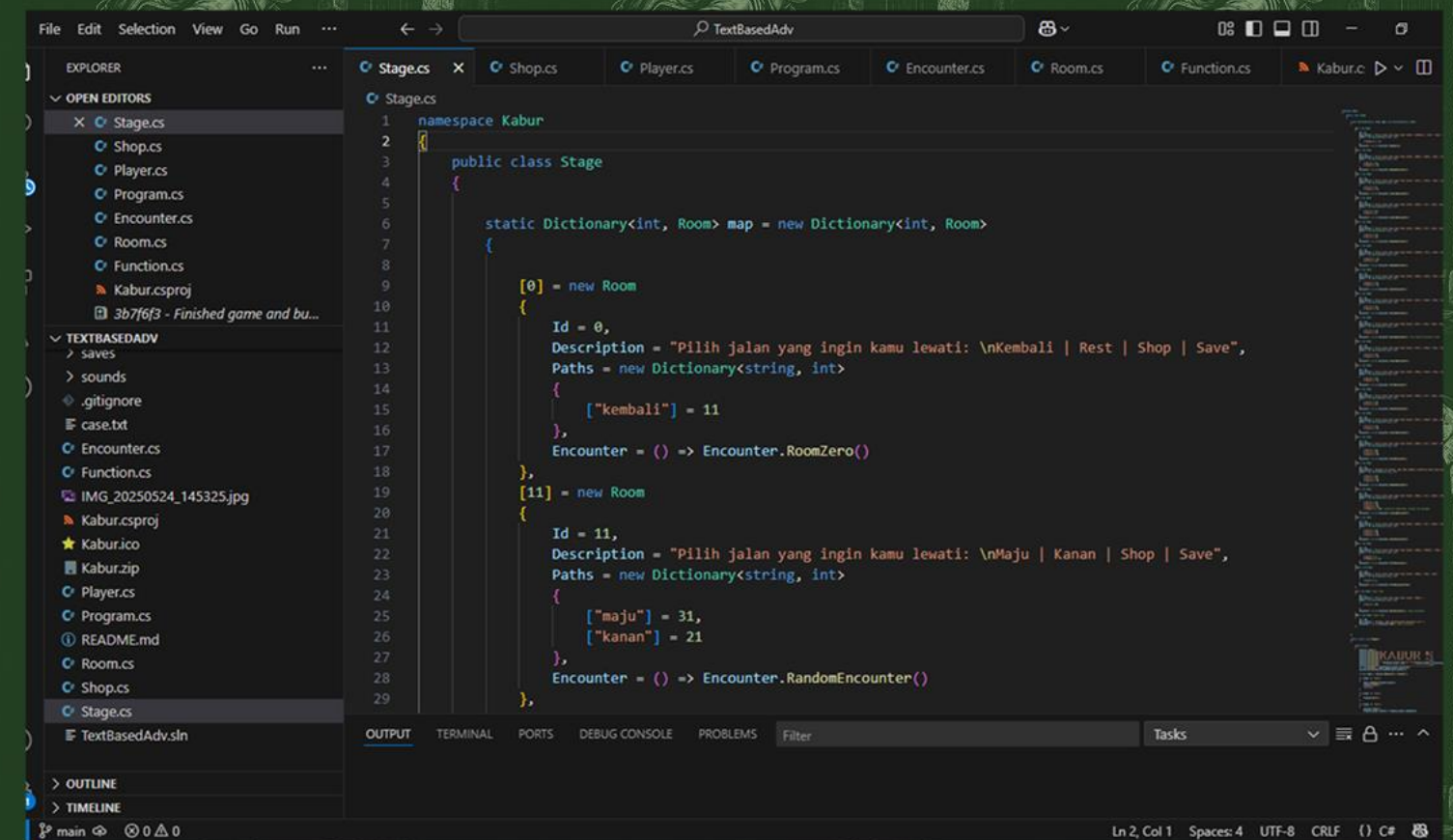
> Text-based Game

[C#].[NET]

Another simple game where the player must escape a small-scale labyrinth. This game is built using C#, which is my way to learn on C# and game making. Player use text input to give commands to the character. The features include save/load, combat, shop, stats, class, experience system, sound effects, and room management.

Link

<https://github.com/sampm092/TextBasedAdv>



-THANK YOU-

My contact :



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sampm092



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