

VIETNAM NATIONAL UNIVERSITY OF HO CHI MINH CITY
THE INTERNATIONAL UNIVERSITY
SCHOOL OF COMPUTER SCIENCE AND ENGINEERING



Web Application Development

LAB REPORT

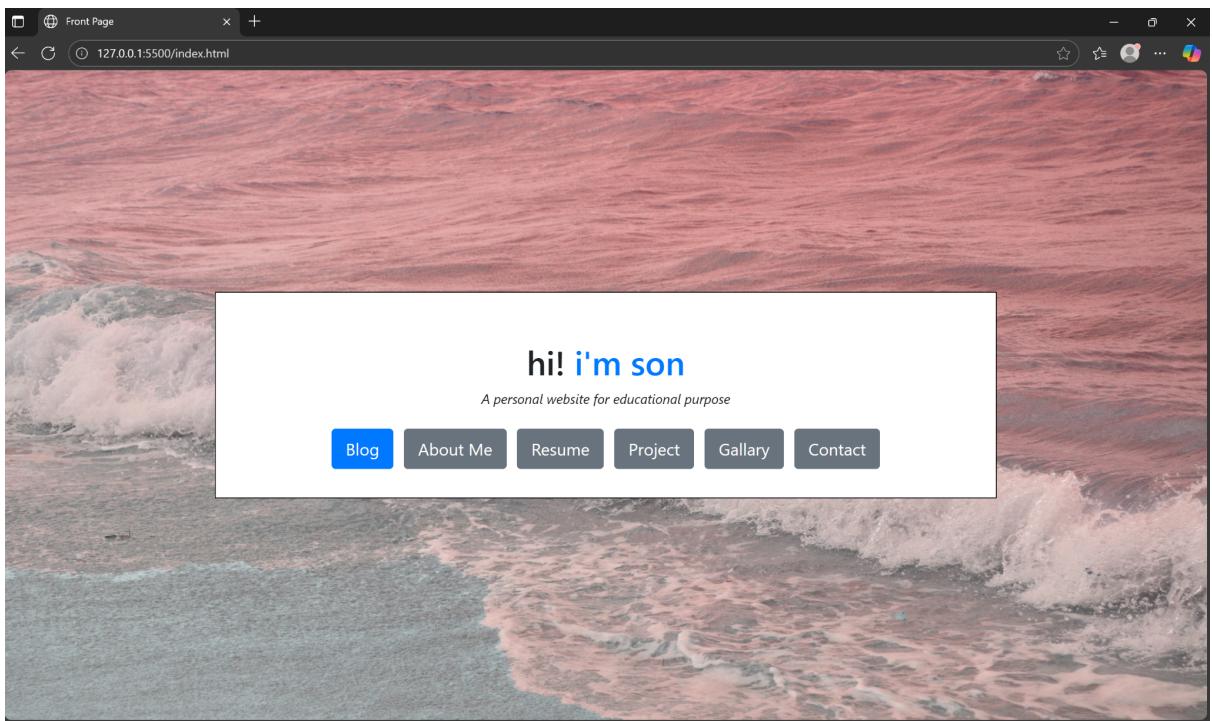
Assignment 1

Đặng Ngọc Thái Sơn - ITCSIU23033

A. The components of the web page

```
assignment1/
├── about.html
├── blog.html
├── contact.html
├── gallary.html
├── index.html
├── project.html
├── resume.html
└── style.css
├── README.md
└── LICENSE
```

I. index.html



- This is my landing page, includes a navigation bar that links to other pages.
- Contains an introduction, the summary of the purpose of the project
- Used bootstrap components for layout
- Internal and external links are present

II. blog.html

The screenshot shows a website layout. On the left, there's a sidebar with a light gray background containing the heading "Categories" in bold black font. Below it are two buttons: "FAQs" with a blue border and "Music Reviews" with a green border. The main content area has a white background. At the top, it features the title "Frequently Asked Questions" in blue. Below the title is a list of questions with their corresponding answers. Each question-answer pair is enclosed in a light blue box. To the right of each question is a small upward-pointing arrow icon, and to the right of each answer is a downward-pointing arrow icon. The questions and their answers are:

- What is your most used programming language? I enjoy using Python for data analysis and React for web development.
- What's your setup?
- Why does it take you so long to reply?
- What inspired your music taste?
- Do you think AI could replace humans?

- This page acts as a place for discussion / answer frequently asked question
- This page is still under development

III. **about.html**



Dang Ngoc Thai Son

Computer Science student of HCMU

Interested in software development, algorithms, and AI

Hi! I'm Son, a web developer and I...

- do frontend web development,
- create website sideframes,
- interested in backend development and currently learning.

Interested in working with me? Contact me via: dnts0203@gmail.com

Other Interests

- Game development
- Music!
- games in general , but i like fps more
- old ThinkPads (from the iBM)
- Steampunk & Fantasy themes
- Bayonetta franchise (execpt for bayo3)

Sport

- Swimming
- Gym
- Badminton

Language Proficiency

I have native proficiency in [Vietnamese](#) and fluency in [English](#), and I'm considering about learning [Japanese](#).

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The purpose of this page is to describe my background, interest and language proficiency.

IV. resume.html



Computer Science Student

Dang Ngoc Thai Son



Contact

Ho Chi Minh City, Vietnam

+84 944 882 359

dnts0203@gmail.com

ITCSIU2303@student.hcmiu.edu.vn

Skills

- Web Development (HTML, CSS, JS)
- Java Programming
- Algorithms & Data Structures
- Problem Solving

Languages

- Vietnamese **Native**
- English **Fluent**

Summary

A passionate computer science student with a focus on software development, algorithms, and artificial intelligence. Interested in building scalable systems and improving user experience through technology.

Education

Ho Chi Minh City International University

2023 - Present | Bachelor of Computer Science

Relevant Coursework: Data Structures, Algorithms, Web Development, Database Systems.

Work Experience

Frontend Web Developer (Intern)

Maple Leaf Company | August 2025 - Oct 2025

Built and maintained responsive web interfaces using React, Tailwind and JavaScript frameworks.

Personal Projects

Developed multiple academic and hobby projects in web development, AI, and algorithms.

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- This page acts as a CV to list my skills, experience and education
- Organized as structured sections or Bootstrap cards.
- Uses semantic tags for clarity and screen reader support.

V. project.html

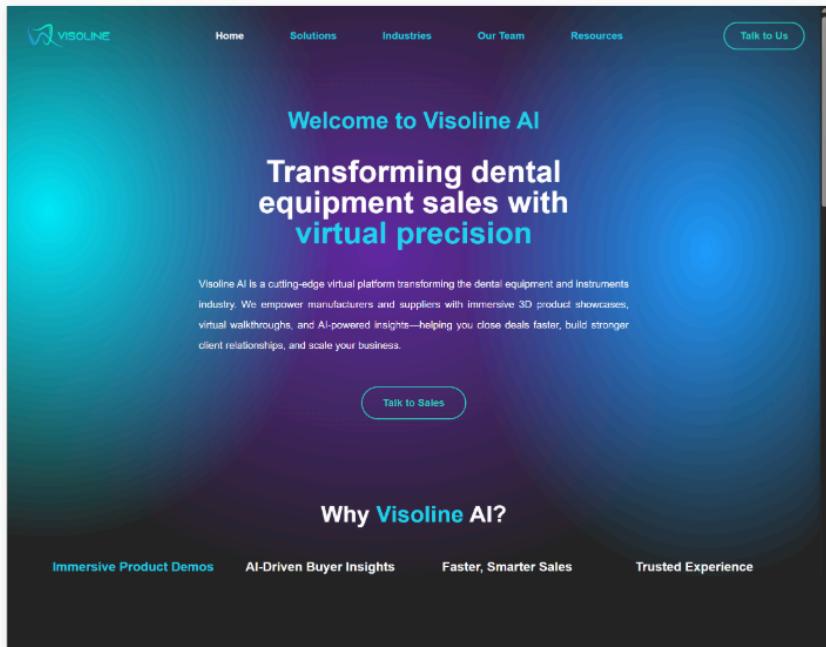
Development

C/C++ Python JavaScript HTML/CSS React Next.js

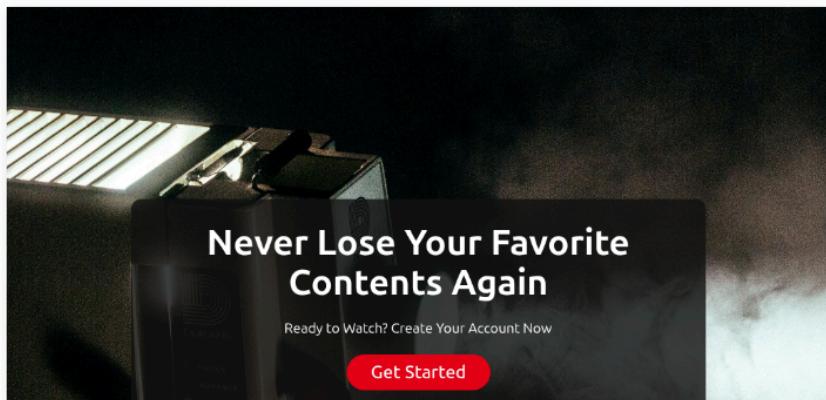
Projects

Projects that I have made/participated on:

- **Visoline AI: a static website about combining AI and dental instruments project**



- **Movie Recommendation System, with a watch together function**



- Showcases my projects.
- Added GitHub links/the web link on the header so that the user can go for more information

VI. gallery.html



Gallery

Getting to know me

OVERSIMULATED!!!



Me

My photo in a photobooth.



Chuu

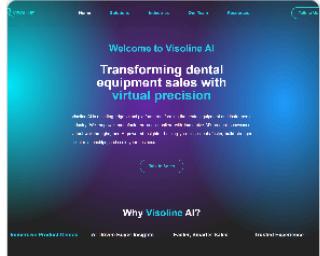
Chuu can do it (burn bbc).



Virtual Angel

Heejin in "Club Icarus"

My projects



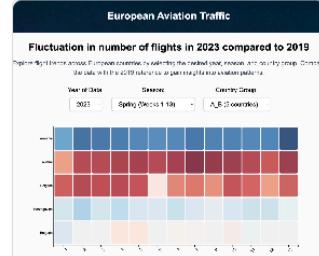
Visoline

My first ever paid job.



Movie Recommended System

My group project in year 2.



- This is to display a gallery of images

VII. contact.html



yayy mail!

I'd love to hear from you! Whether it's a project, collaboration, or just to say hi — feel free to reach out through any platform below. Keep in mind that I might take a while to respond as I'm often busy with studies and personal projects.



Personal Blog registration

In the mean time while waiting for my response, you can fill out the form below to wait be a part of my blog! This is a feature that currently developed, and i will be happy to have you on it!

Name

your name

Email address

your email

Why do you want to join my blog?

your reason...

Topics of Interest:

Date of Birth (since some content may be NSFW):

- Contact the form for joining the blog section
- Can also go to another alternative type of contact, such as github or social media by clicking on the bootstrap button

VIII. style.css

- The css file contains the global color, typography and layout that this project used

B. Some explanation

- Each html file (exclude index.html) is following a structure:
header->styling->navigation->body->footer->script logic

- The blog.html page can be improved further, and there will be some solution to fix that page since in mobile environment you can't really choose which category you want to see
- Theme-changing script will check your local storage on load, meaning that it has stored the dark theme. If there's nothing saved yet, it stays in **light mode by default**.
 - First, it will add or remove the dark-mode class
 - Check the dark mode is now active
 - If dark mode is active -> click on the sun button to go back to light
 - Then, it will save the current theme choice permanently in the browser