

ASSIGNMENT 1 REPORT

COS10026 – Computing Technology Inquiry
Project

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I. Introduction

1. Website Introduction

Vaping electronic cigarettes has become increasingly popular in recent years. It has become popular among young people as well as adults, which means there is a growing presence of vape websites offering products and services. Our website is a kind of website selling vaping products, built from HTML and CSS.

With the contribution of these languages, our web is:

- Multi-platform development
- Consistency across multiple browsers
- Better UX/UI

2. The objective of the report

This report concentrates on:

- Demonstrating the use of HTML and CSS in the website project in transmitting the content of the sale website
- The enhancement in design and user experience
- Evaluation of self-contribution to the project
- Some key features and technical details
- The website structure

3. The report outlines:

- Part II: Website content
- Part III: Website style
- Part IV: Key features
- Part V: Contribution
- Part VI: Conclusion

II. Website Content

1. Content

There is consistency in the website when all pages have the same navigators and footer. This consistency takes the customer less time on finding what they want, reduces the time designing and debugging, and improves the overall interface and experience. The navigator on the top of each page can bring

the customer to mostly every page of the website, with a simple engine and high convenience.

a. Introductory homepage (index.html)

This is the website's Homepage, which brings the soul of the whole website - eye-catching, simple but stylish. The first element of the homepage is the background with several images that change over time appealing to the customers to smoke, followed by a short description and products. The products are represented by another gallery 3x3 gallery. Each cell shows information about the product when the customer points to it, and moves the customer to the product on the Product page after clicking on the cell.

b. Product page (product.html)

Similar to the gallery on the homepage, the first part of the Product page is about all products, with a hover effect showing the information about each product. Clicking on the cell in the gallery brings the customer to the details of that product in the later part of the website. After reading and feeling that the product is affordable and suitable, the customer can buy it by clicking on "Shop now" and going directly to the Enquiry page. On the Product page, there is also a sticky button on the right bottom corner, bringing the user to the top of the page when clicking on it

c. Inquiry page (enquire.html)

The page contains the form allowing customers to buy the products they want. Each box requires a strict information format, which allows the shop to use the database much easier. The simple design and direct form are what we are proud of. Besides the product information, the web also has a text area for feedback and recommended improvement.

d. About page (about.html)

The About page is about the creator of the website. There are five people on our team, all have mutual respect and trust among members. This page has a list of members which is represented beautifully. After experiencing a beautiful effect when moving a mouse on each member's name, the users will be moved to the member details page if they click on a name.

e. Enhancements (enhancements.html)

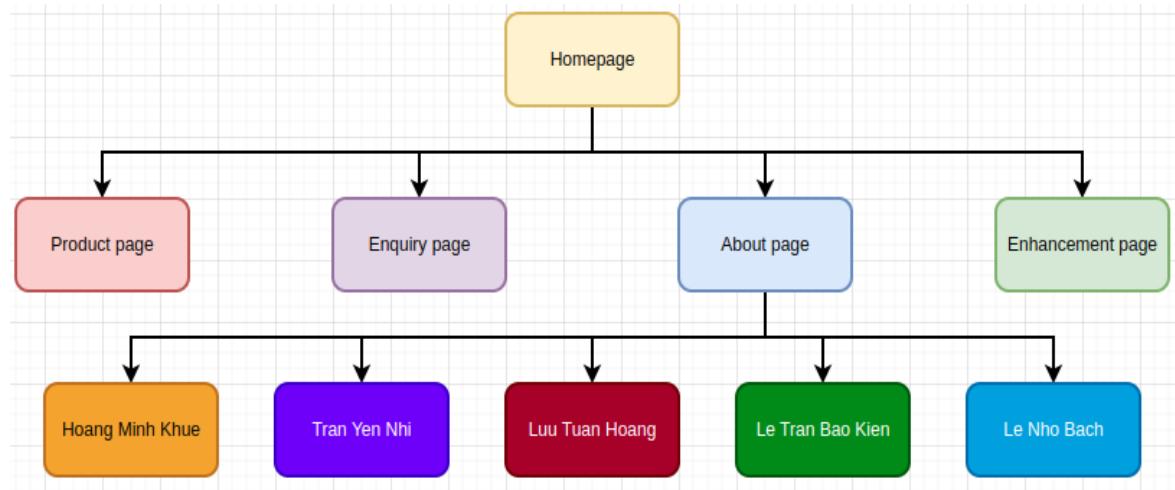
This page is added to show our effort in using creativity and implementing more effects outside of the course for a better user interface and experience.

2. HTML Utilization:

We used the HTML tags reasonably following the ruleset and passed the validation. All tables, images, forms, and lists are utilized. Other elements like headings, paragraphs, or anchors are used effectively for suitable reasons. The code is also clean and easy for maintaining and debugging. All pages have the same structure:

- The header includes a logo and navigator
- Main
- The footer with an eye-catching banner and another navigator

3. Sitemap



III. Website Style

1. Presentation of the website (UI)

- Layout: Our website uses a horizontal strip layout. This design allows more efficient use of space, providing a better experience with scrolling. It also makes the website easier to go responsive design.
- Graphic: The main colors of the website are black and white. Those simple colors enhance extremely the impressiveness of hovering and animations, while

these effects are quite colorful and eye-catching. The images are mainly about vaping products, evoking the smoking desire of the customers. We chose a dark design due to its information accessibility and identity. The dark design brings a strong visual look and makes the page elements easier to stand out.

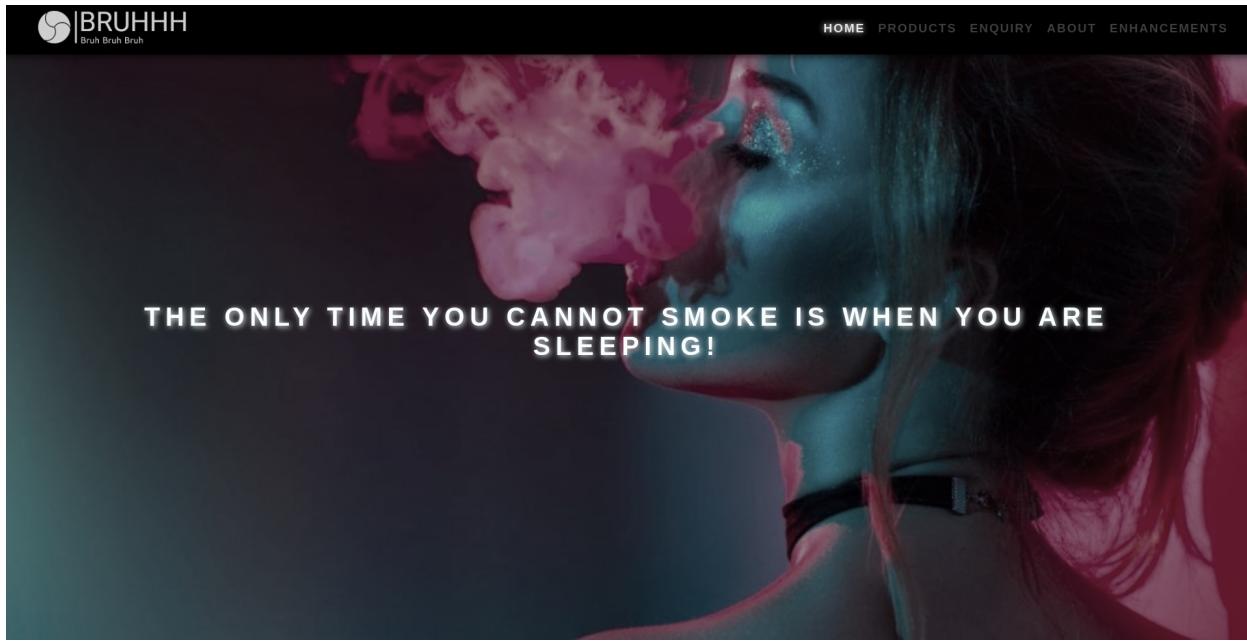
- Font: Sans Serif and Monospace. The main reason why we choose Sans Serif is that it improved readability. With thicker and more uniform letters, Sans Serif makes the letter easier to recognize and helps the users focus more on the content. On the other hand, while we want to find something a bit unique, we choose Monospace due to its stylishness, readability, and minimalism.

- Style: With the design “less is more”, we want the web should be simple, and easy to find information with suitable pop-up details boxes. The user must find what they are looking for quickly and easily. This style removes unnecessary information, makes the web more memorable, and increases dramatically the user experience.

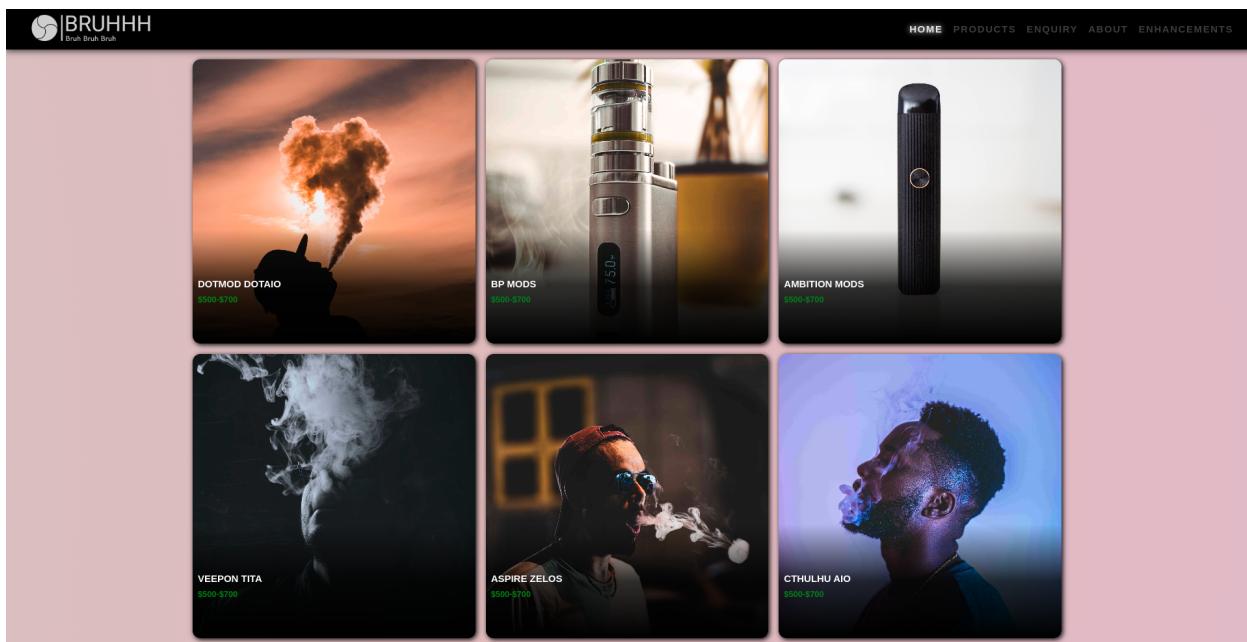
2. CSS Utilization:

Similar to HTML, our CSS file is validated. It is nothing but all our effort in enhancing the web design and user experience. Because the rule set requires to have only one CSS file, we divided it into several portions by using the “=====“ comment. We also tried to make it as clear and maintainable as possible. Besides having a responsive design, our animations were used effectively with support from other sources on the internet, which is mentioned in the later section

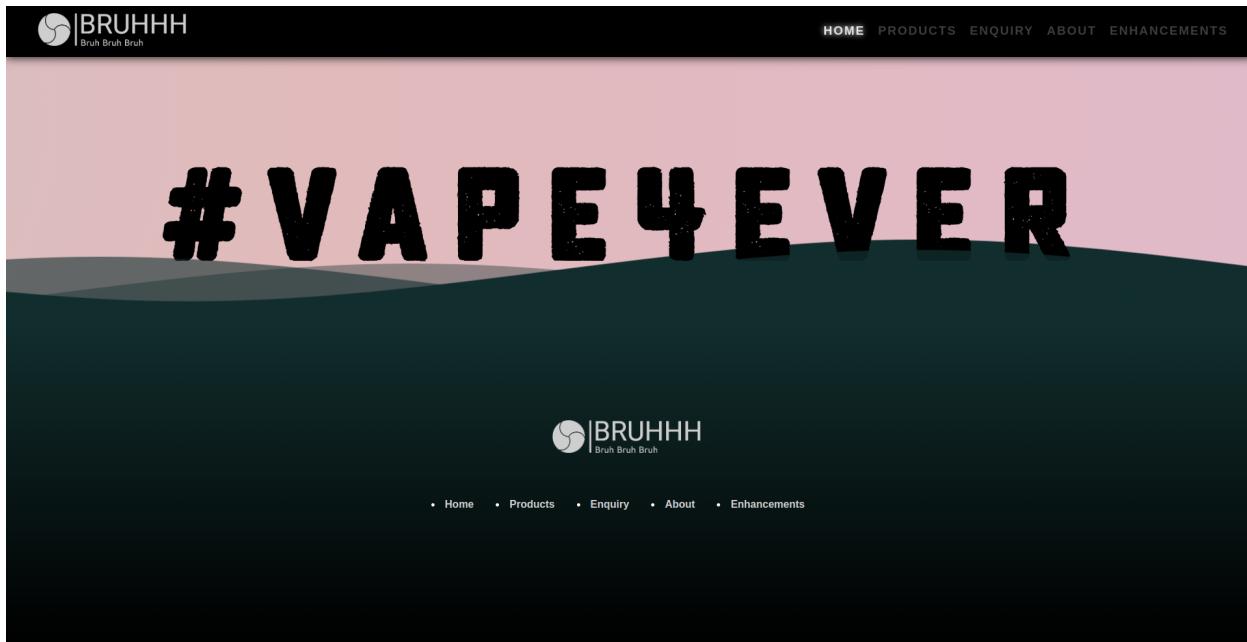
3. Screenshots:



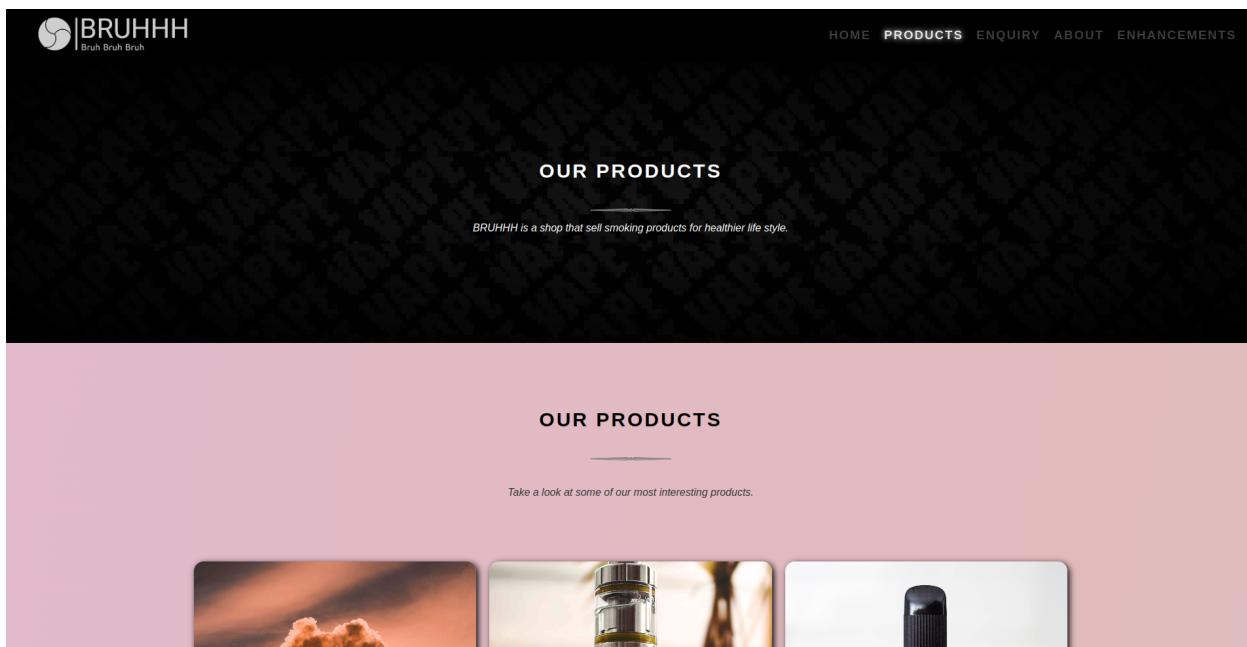
Homepage



Product Gallery



Footer



Product page

DOTMOD DOTAIO

dotMod dotaIO V2 Lite is considered by many to be the perfect intersection between modern technology and highly aesthetic design. The "interior" of dotaIO V2 Lite retains its strengths such as maximum power of 75W, battery saving mode, LCD screen that can change color at will and is compatible with all previous occ lines for dotaIO. V2 Lite has many different operating modes, from fully automatic adjustment in 4 steps: very soft, soft, medium and hard. Or you can also manually adjust it in very small increments of only 0.1W! For TC lovers, this mode is also very stable on dotaIO V2 Lite and can be activated easily through the machine's easy-to-understand menu.

	Voltage	Weight	Price
Base	1.0 V	200 Grams	\$500.00
Premium	1.5 V	250 Grams	\$600.00
Luxury	2 V	300 Grams	\$700.00

Available Colors and Designs:

1. Royal Vermilion Red
2. Aegean Verdigris Green
3. Colossus Titan Brown

[Shop Now](#)

Sample product details and sticky button

Enquiry Information

First Name: _____

Preferred Contact:

Email
 Post
 Phone

Last Name: _____

Email: _____

Address

Street Address: _____

Suburb/Town: _____

State: Select

Post Code: _____

Product: Select

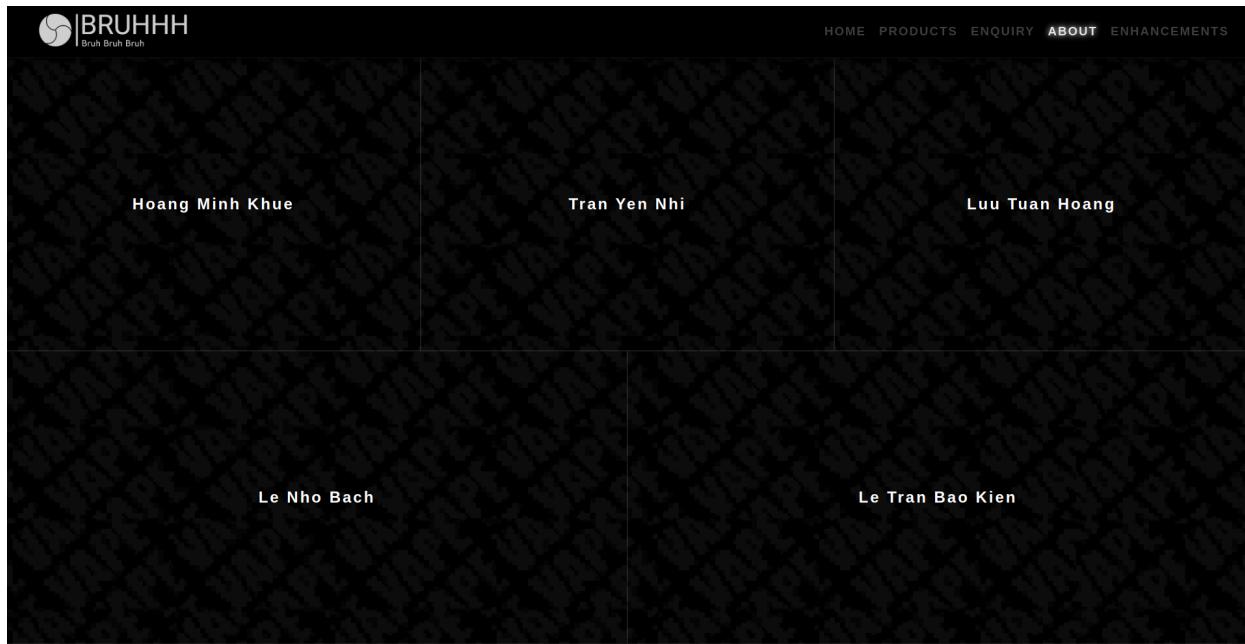
Version:

Base
 Premium
 Luxury

Describe any additional information here...

[Place Order](#)

Enquiry page



About page

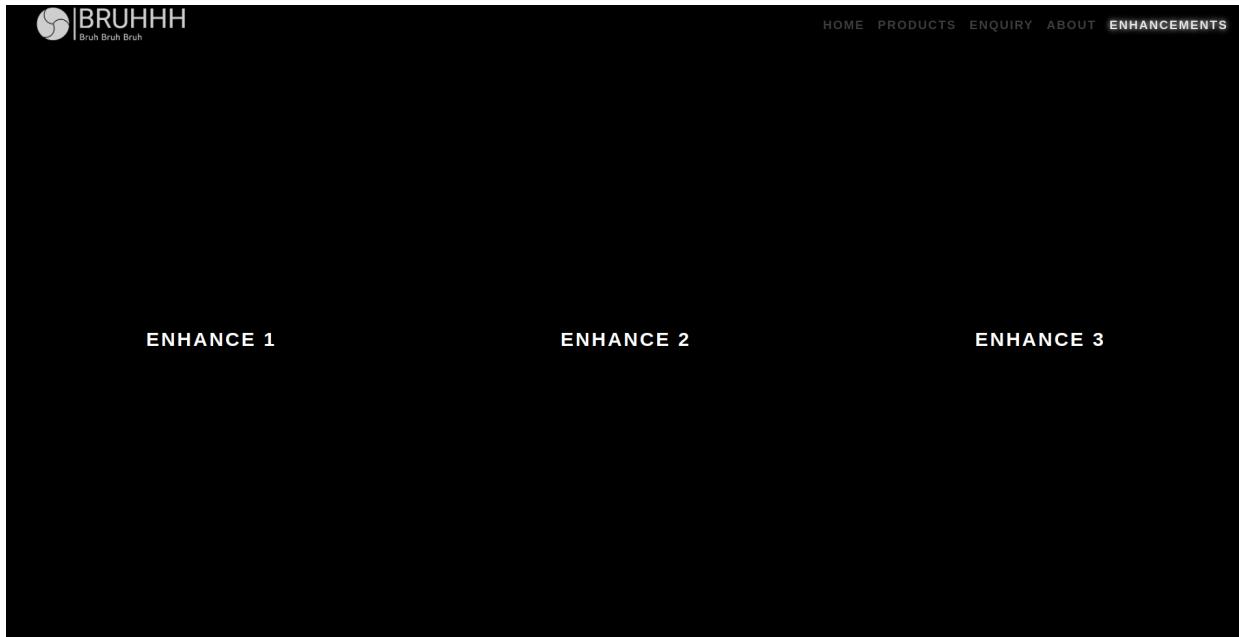
A screenshot of the website showing detailed information for member Le Nho Bach. The top navigation bar is identical to the previous screenshot. Below it, a large white box contains a portrait of Le Nho Bach and his name 'BACH' in large letters. To the left of the portrait is a table with his personal details:

Name:	Le Nho Bach
Student ID:	103487884
Course:	Bachelor of Computer Science
Email:	103487884@student.swin.edu.au

Below this table is a weekly schedule table:

	Morning	Afternoon
Monday	Free	Free
Tuesday	Free	Free
Wednesday	COS10006 - Network and Switching 8a.m - 12a.m	Free
Thursday	COS10026 - Computing Technology Inquiry Project 8a.m - 12a.m	Free
Friday	Free	Free
Saturday	Free	Free
Sunday	Free	Free

Member information



Enhancement page

IV. Key features:

Besides following the rule set and basic requirements, we put the effort into designing the web for a better appearance and animations:

- The responsive navigator: when the width decrease to under 1000, the navigation bar changes to a single button. Users can see another bar on the left-hand side if they click on that button.
- Wave-like footer: There is a wave animation in the footer to make the web more eye-catching. (source: <https://codepen.io/goodkatz/pen/LYPGxQz>)
- Gallery in the Homepage: The image in each cell can be zoomed in as a hover effect.
- Background in the Homepage: The background in the Homepage can change over time.
- Sticky button on the Product page: The sticky button helps the user to go directly to the start of the page when it is clicked.
- Scroll bar: The thumb of the scroll bar is changed to white.
- Text color changing over time: The heading on the Homepage changes color over time. (source: <https://codepen.io/SoumyajitChand/pen/wjKVED>)
- Cubic-bezier transition: An interesting effect in each column of the Enhancement page

- Customize enquiry input: On Enquiry page, some inputs, boxes, and menus have enhancements in the user experience.
(source: <https://codepen.io/soufiane-khalfaoui-hassani/pen/LYpPWda>)

V. Contribution:

I am responsible for the About page, with all animations and subpages. I followed the rule set to ensure there is nothing wrong with the requirements on this page. Besides, I tried to alter the main About page to be more colorful but still in dark mode, and design the table to be as easy to be in the mobile version as possible.

I also write the content on several pages to make the website more “real”. Finally, I proposed some useful recommendations for some adjustments in HTML and CSS on other pages.

VI. Conclusion:

In conclusion, this report shows our effort in completing and enhancing the website. The main idea of the web is about a vape shop, with 5 main pages: Homepage, Product page, About page, Enquiry page, and Enhancement page. The animations and transitions are used effectively and suitably for a robust improvement in the user interface and user experience. The code is written clearly with comments and an understandable structure.

Referring to my contribution, I have completed the HTML file and CSS part of the About page, with several animations and subpages. I also help other members in completing the content of the page and some changes in transitions and appearance.