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# Introduction

## Company Background

Dragon Nest was renowned for its steam dumpling and fried rice, where the delicacy is prepared by highly skilled chefs from China using good quality ingredients to ensure authenticity in both presentation and taste. At the same time, we also focus on achieving steady improvement in quality of other delicacy such as Fish Soup and Noodles. We strive to provide a memorable culinary experience to every customer and today, we had received winning rate reviews from all over the world. Our aim is to obtain Michelin One Star within 3 years and we are confident that this isn’t a big difficulty for us. We welcome you to enjoy our delights at Dragon Nest and we hope to see you soon.

## User

The Dragon Nest website is aimed to provide better user experience to their current customer and with a well-designed website, it possess a higher possibility to attract potential customer to dine in. Besides, it also eases the workload of Dragon Nest employees and it is also beneficial to the manager of Dragon Nest in terms of sales viewing.

## Information that users need and want

Our current customer may want to know more information about the newly released menu and Delights Promotion of the week, while our potential customer may want to know about the nearest location of Dragon Nest to dine in and the menu to decide what to eat on. For the employees, they would like to know about the current orders ordered via online and prepare accordingly to be ready to ship out to the customer. The manager would like to know about how much sales are made via online to aid in his decision making.

## Web site objective

This website is created to automate the process of ordering food for food delivery. It replaces the old traditional method for customer to order food via phone then the employees jot down the order manually. This old method is time-consuming and tiring for both the employees and the customer. Thus, with this new website created, customers can place their order through the website and the order placed can be seen directly by the employees. The greatly designed graphical user interface can improve user experience and it saves up the time for the employee as they do not have to manually write down orders anymore and they can have more time serving the dine in customer. With this approach, it can benefit the manager too as he can opt to lay off some redundant workers to save cost. Besides, Dragon Nest latest menu can also be updated to the website so that the customer can refer to it to place their order. They are also able to update themselves with the promotion given by Dragon Nest from time to time through the website. For our potential new customer, they can also get to know the nearest location of Dragon Nest so that they can have a try on our food. If they would like to dine in, they can have a view on our menu first before they come over for their meal. If they would like to take away, they can order via our website and we can deliver their food to their address. Lastly, by having a website enables the customer to give their feedbacks after they have had their meal in Dragon Nest. Good feedbacks can help to attract more customer to pay a visit to our restaurant and increase our sales revenue while bad feedbacks can help us to know where we should improve ourselves and how to improve our service to satisfy our customer.

## Potential information to be used

In Dragon Nest website, the Chinese food such as dumpling and fried rice will be available to order. Thus, some pictures, information, ideas and prices about the food will be used or learn from Dragon-I and Din Tai Fung.

# Website Design Layout

## Home Page

A screenshot of a cell phone

Description automatically generated

Figure 1 Home Page

In the header section, it consists of logo, navigation bar, login button and cart button. User can able to navigate to another web page through the navigation bar on the top of the web page and also back to the home page by clicking the logo on the top left side of the web page. User is advised to login to their account first by clicking the login button and they will be navigated to another web page. The cart button allows the user to view their cart before proceeding to checkout section.

The slider allows user can get to know the latest information of Dragon Nest by clicking the left or right button of the slider.

In the promotion section, the promotion products will be displayed in this section to attract the attention of the user.

Other than that, a back to top button will be displayed above the footer section to allows user to go back to top section of current web page. This function helps user to save their time by simply click on the button instead of scrolling up to the top of the web page hardly because some the web pages might have a lot of contents and need a lot of time to scroll up to the top of the web page.

While the information like copyright, Dragon Nest’s social media links, payment methods and subscribe function will be displayed in the footer section. Thus, user can follow the Dragon Nest on Instagram, Facebook and other social media. While the subscribe function need the user to fill up their email address to subscribe Dragon Nest and the user will receive email from Dragon Nest once Dragon Nest announces any news or promotion.

The back to top button, header and footer section will be displayed consistently in every web pages of Dragon Nest to make it more convenient to use.

Product Page  
A screenshot of a cell phone

Description automatically generated

Figure 2 Product Page

In the product page, the product picture will be displayed on the left-hand side and the description and add to cart button will be on the right-hand side. User can click on the add to cart button to put this product into the cart first before proceeding to checkout. Besides, the user can view can navigate to another product page by simply click on a picture on the product slider.

## Register Page

A screenshot of a cell phone

Description automatically generated

Figure 3 Register Page

In the registration page, the user needs to fill up their username, email and password to sign up as a member of Dragon Nest. In order to make an order in Dragon Nest, the user need to sign up as a member, so then the receipt can be sent to the user’s mailbox.

## Login Page

A screenshot of a cell phone

Description automatically generated

Figure 4 Login Page

In the login page, user needs to key in their registered username and password to login to their account.

## Cart Page

A screenshot of a cell phone

Description automatically generated

Figure 5 Cart Page

In the cart page, the products that chosen by the user will be listed out in this web page. The picture of the product will be displayed on the left-hand side and the details of the product such as product titles and quantity will be displayed on the right-hand side. Every product selected will be listed out one by one from the top to bottom. Once the user confirmed their order, the user can click on the checkout button to proceed to the payment page. If the user hasn’t made the decision, the user can click on the cancel button to navigate back to the product page.

## Payment Page

A screenshot of a cell phone

Description automatically generated

Figure 6 Payment Page

To make an order, the user need to key in their name on the card, card number, expire date and card verification value (CVV). Then, click on the pay now button to make the order.

## About Us Page

A screenshot of a cell phone

Description automatically generated

Figure 7 About Us Page

The information about Dragon Nest will be displayed on this web page. Apart from this, the customer’s feedback and rating also will be displayed here.

## Locate Us Page

A screenshot of a cell phone

Description automatically generated

Figure 8 Locate Us Page

The locate us page will have a google map and address of Dragon Nest restaurant to allows the user to find easily.

## Contact Us Page

A screenshot of a cell phone

Description automatically generated

Figure 9 Contact Us Page

The contact us page provides the contact details of the Dragon Nest restaurant and also allows the user to submit their inquiries by filling up the form on the left-hand side of the web page.

## Feedback Page

A screenshot of a cell phone

Description automatically generated

Figure 10 Feedback Page

Other than submit the inquiries, the user can also submit their feedback and rating to Dragon Nest.

## FAQs Page

A screenshot of a cell phone

Description automatically generated

Figure 11 FAQs Page

In frequent ask questions (FAQs) page, the answer of those frequent ask questions will be displayed on this web page to solve the user concerns.

# Problem encountered and solutions

There are several problems that we encounter during the process of developing our website. The first problem is that we are lack of experience in developing a website on our own. We only have mild or even close to none experience in making a website. Thus, we found ourselves in a situation where we do not know where and how to start doing our assignment. However, we are fortunate to have my father who is an expert in IT field to guide us on the standard of procedure (SOP) to get a webpage done. His advice was indeed helpful.

Besides, we do not have any idea on how to make an interactive and interesting website. Both of us do not have advance knowledge in designing and do not know what kind of website layout may attract our customer’s eyeball. Thus, we refer to some of the popular website such as Lazada Mall & Taobao to get some insights on how to design our own website.

Furthermore, during designing stage, we found out that the website we design are not human friendly and it is hard to use as we are unable to stand at customer point of view to design a webpage that is convenient for them. In order to solve this, after we have designed our website, we seek for our family member and friend’s advice and make changes based on the opinion given by them.

After doing all research on designing, we came out with our website layout that satisfying but we soon realise that it may be too good to be true. This is because we do not have deep knowledge in HTML, CSS & Java Script as this are the first time we exposed to these computer languages and the notes given by school teacher is way not enough for us to develop our website. Hence, we decided to search for online materials to do self-study and enhance our knowledge in these languages. We search for YouTube videos that teach us the basics of HTML & CSS coding and for the more advanced ones we solve it via w3schools website.

Some of the design in our website was not taught in YouTube or anywhere else, thus we had to find it out on our own by creating a new file just to code for that part and make changes based on the result. It is a tedious process, but we manage to overcome it with strong determination.

After we have written the code for our website, we realise that the outcome isn’t same as what we have expected. We had to read through our codes line by line to find out what’s the problem and fix it. Trial and error method and deeper research were used to overcome our problem in this situation.

In a nutshell, we managed to have our website done. Although it is not an easy task, but we all acknowledge that we did learn something along the way, and we are pretty sure that this experience will help us to go further in this field in the future.

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