



PMP0325 - MINI IT PROJECTS

(Foundation in Information Technology)

Wistoria Bakery

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Chapter 1: Introduction

In recent decades technology has drastically improved, and inevitably World Wide Web has become a necessary for human as it is able to help human in solving problems by taking over the human's traditional way of doing something. Due to the flexibility and merit of World Wide Web, activity such as traditional shopping is slowly replaced by online shopping.

This project is developed to make the best use of World Wide Web in online shopping, especially to provide a new way for the customers to interact with the bakeries. The customers will be able to experience new service such as ordering bakery products online, checking out the bakery products and making enquiry just by some simple clicks on the computer.

In the development of this project, a few languages are used. For the frontend, HTML, CSS and JavaScript are used while the backend server is built by using PHP and MySQL. Xampp Server is used for the website.

1.1 Objective

The objectives include:

- To engage all group members in a team, support each other and work together towards the mutual goal.
- To create a website where the customers are able to order the bakery product online.
- To allow the customer to get the latest information of the bakery through the website such as new products and operation hours.
- To allow the customers to make enquiry through the website.
- To allow the customers to register for user account.

1.2 Problem Statement

This project is initiated to solve the problem in which the potential customers might not be able to purchase bakery products simply through walking in due to the restrictions during the Movement Control Order (MCO).

In addition, most bakeries do not have specific website to display their products and for the customers to place order except certain platform such as Facebook or Instagram. Social media such as Facebook is not a recommended platform for customer to browse the bakery products due to the unorganised arrangement and classification.

These problems make the number of potential customers becomes limited and it will consequently affect the sales performance and business opportunity. In order to solve these problems, the project, Wistoria Bakery was developed.

Chapter 2: Background and System Planning

The project background is studied to gather information for the project. There is no existing system for the bakery; however, there are alternative platforms for the bakery owner to communicate information with the target audience. Bakery owner prefer using Facebook to connect with target audience. This could be broken down into various reasons, for example, a Facebook page is easy to manage as the information can be spread by posting photo or status at any time. Target customers could get latest information on their Facebook feed if they are following the page. They can also make enquiry and place order through Messenger. However, these conveniences are accompanied by certain drawbacks include the unorganised arrangement of the posts and pictures which make the page looks like a messy Craigslist and the ordering summary will need to be recorded manually. Instagram's neat-looking arrangement might be an alternative but it makes the overall contents limited to photos only, not to mention that manually recording customer orders is also a drawback.

To make improvement and change the current situation, the proposed project should undergo various feasibility studies to measure the effectiveness and risk of the alternative solution, which will be discussed in the subtopic below.

2.1 Scope/Domain

This project is to develop a dynamic website for Wistoria Bakery where the targeted customers will be able to place order on bakery products, make enquiry and find out the information on the bakery. At the end of this project, a simple yet multifunction website will be delivered to the users along with user manual. It is also important to address the constraints faced by the project. For example, features such as live chatbox, online transaction and subscription to newsletter will be excluded in the project due to the limited knowledge of the development team and the deadline. Moreover, there will be certain assumptions to be taken into account too. For example, it is assumed that the final result for interface of the website might not be as attractive as website created by professional web developer. The development team will proceed further coordination with the users to fulfill the expectation, as long as the stated functions are included.

2.2 Feasibility studies

Feasibility study, which is also known as the preliminary investigation, is very helpful for the management or the development team to draw the outline of the problems and study whether the system would be feasible for the development or not. Reliable browsers which are recommended to launch the website include Google Chrome, Mozilla Firefox and Microsoft Edge and the contrasts are as below:

Table 2.1: Contrast between Google Chrome, Mozilla Firefox and Microsoft Edge

	Google Chrome	Mozilla Firefox	Microsoft Edge
Memory Usage	Very High	High	Low
Speed	Very Fast	Fast	Fast

2.2.1 Operational feasibility

To determine operational feasibility, a few critical issues are studied. From the aspects of the user, who are bakery owner and employees, there are certain tools that are needed to support the operations such as computer or smartphone and internet connection. The users are required to take training in checking the ordering summary from the database. The process on dealing with ordering summary and user account will be documented in the user manual in order to ease the training of employees who are in related position. Training and documentation on navigating the website shall not be provided as the website interface is user-friendly, simple and easy to navigate.

Throughout the feasibility study, certain constraints are found. For example, it is unavoidable that the user might still prefer to use certain platforms such as Facebook and Instagram to speak for the bakery. Moreover, the employees might take time to learn to handle the ordering summary on the database. To address the constraints, a few approaches are proposed. For instance, the bakery owner could slowly integrate the usage of these platform to the website, leaving the website link on their old platform, limiting certain function on old platform such as ordering through chatbox and at the same time the bakery owner should encourage the employees to use the website by providing training to them.

Considering the above issues and constraints could be solved by the stated alternatives, the project is considered as operational feasible.

2.2.2 Technical feasibility

This project is to develop Wistoria Bakery from the scratch as a dynamic website since there is no existing website. The development team consist of 5 members, one project leader, two

programmers and two assistants in charge of documentation and assisting the programmers. The main programming language associated with the project are HTML, CSS, JavaScript, PHP and MySQL. The technologies associated are freely available and the technical skills are manageable. All members are familiar with the technology and language involved. There is no hardware needed and software needed for this project such as Xampp server can be downloaded as free.

Considering the deadline is 6 weeks long, the project features include logging in to or signing up account, displaying home page and portfolio, making enquiry, ordering products, checking profile info and ordering summary and bakery's information. The project should be compatible as there is no existing system or website to be integrated.

From the stated considerations, the solution can be supported and it can be concluded that the project is technically feasible.

2.2.3 Economic feasibility

For economic feasibility, there are various aspects to be studied. Firstly, by developing this project, the user will certainly receive promised annual benefits include tangible and intangible benefits. For tangible benefits, this project will help to boost sales and cut down the expenditure as reduction in staff and time could be put into practice. Meanwhile for intangible benefits, this project will help to increase brand recognition and improve customer service due to the flexibility and functionality of the project. With staff reduction and increased sale, the estimated total benefits will be at least RM5000.

Secondly, the costs involved in this project are also considered. No cost is spent for hardware and software, office space and equipment, consultant fee and vendor installation. Assume this project will receive a certain amount of profit, as a conservative estimate, a possible amount of RM2000 will be gained. Proposed team members salaries will be: RM400 for project manager, RM300 for each programmer and RM200 for each assistant.

Table 2.2: Cost-Benefit Ratio

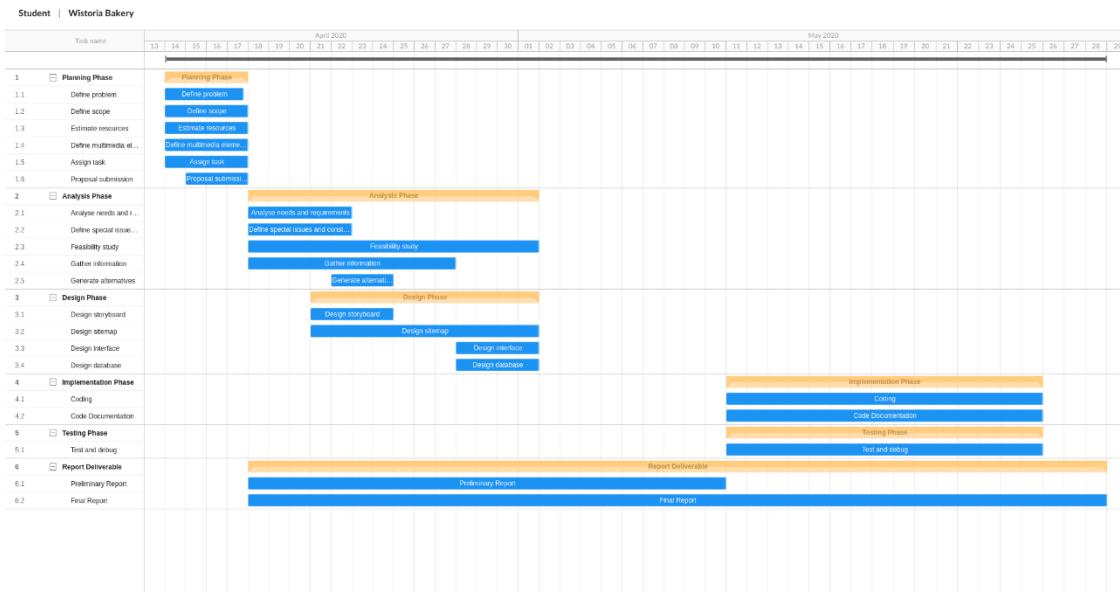
Project Wistoria Bakery	
Total Cost	RM1400
Total Benefit	RM2000
Cost-Benefit ratio	1.43

Meanwhile, the return on investment will be cost-benefit ration in percentage which is 143%.

Making the cost and benefit into calculation, this project is economic feasibility.

2.2.4 Schedule feasibility

This section includes a Gantt chart to assist the development and ensure the flow of the project and also track the activities during the project development. The Gantt chart is divided into 6 stages, include planning, analysis, design, implementation, testing and documentation of final report.

**Figure 2.1: Gantt Chart**

Chapter 3: System Analysis and Design

The system analysis is conducted and the aim is to identify the objectives of our project which is to provide platform for the user to connect with their customer with the features of making enquiry, placing order and check latest information.

To accomplish these purposes, the following services are included in the website:

- Bakery News Service: Provide latest news related to products and customers
- Products Management Service: Release products information
- Member's Personal Information Management Service: Includes member's personal profile and order summary
- Order Management Service: User have the authority to track and delete customer's orders

System design is also focused to show how the project will be accomplished. The organisation which shows the structure of the project will be displayed through sitemap, E-R diagram and storyboard.

3.1 Site Map

This section includes the sitemap for the website developed. The sitemap structure is hierarchical, and the customer has to login to the account first, then only they can navigate the content of the website. If no account existed for the customer, he or she has to sign up for account.

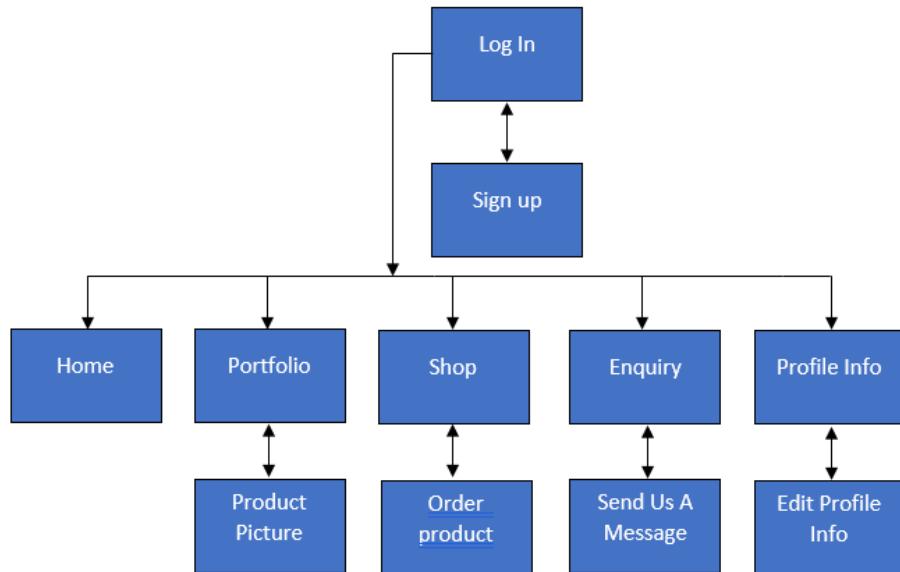


Figure 3.1: Site Map

3.2 Data Dictionary

This section includes a table for data dictionary listing all item used in the entity-relationship diagram. Each item is given a variable name and the data type is catagorised into char, varchar and integer.

Table 3.1 Data Dictionary

Item	Variable Name	Data Type
Customer ID	CustomerID	integer
Customer Name	CustomerName	varchar
Customer Email	CustomerEmail	varchar
Customer Phone Number	CustomerPhoneNo	varchar
Password	Password	varchar
Order ID	OrderID	integer
Total price	TotalPrice	integer
Order Item ID	OrderItemID	varchar
Quantity	Quantity	integer
Product Item ID	ProductItemID	integer
Product Item Name	ProductItemName	varchar
Product Item Price	ProductItemPrice	integer
Description	Description	varchar

3.3 E-R diagram (Database)/ Storyboard (Multimedia)

3.3.1 E-R diagram

This section includes the entity-relationship diagram designed for the database of the project to record the customer information and order summary. In the customer table, the attributes include customer ID (primary key), customer name, customer e-mail and customer phone number. Order table is recorded with attributes include order ID (primary key), customer ID (foreign key) and total price of the order. While in the order item table, the primary key is order item ID, which is a combination of order ID and product ID, and the product is recorded. In the product item table,

the attributes include product item ID (primary key), product item name, product item cost, product item price and description of product. The product item means product kind, but not the quantity of product.

The details are as following:

- 1) Each order belongs to one and only one customer.
- 2) Each customer has one or more order(s).
- 3) Each order item belongs to one and only one order.
- 4) Each order has one or many order item(s).
- 5) Each product item belongs to one or many order item(s).
- 6) Each order item has one and only one product item.

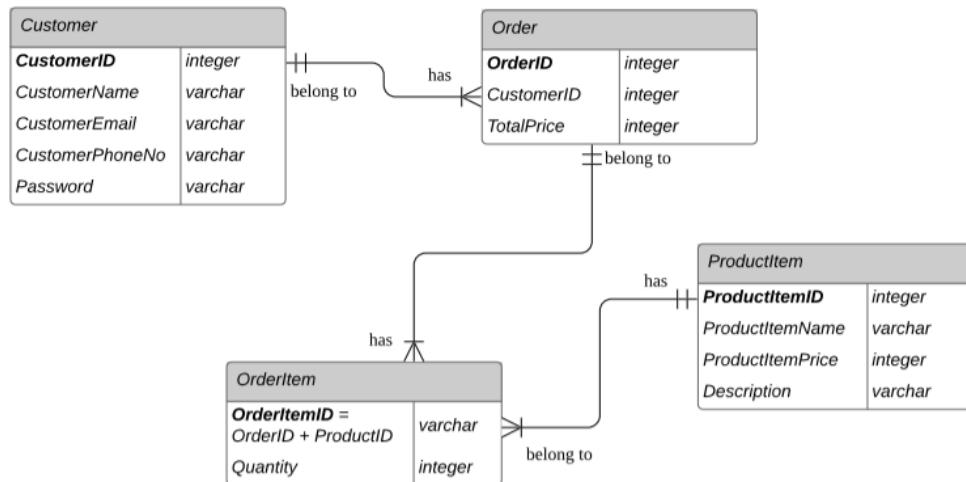


Figure 3.2: ER diagram

3.3.2 Storyboard

This section includes the storyboard designed for the website, it provides a simple insight into the interface and the navigation of the website. Please refer to Appendix E for storyboard.

Chapter 4: System Implementation

The project plan is put into motion and the work of project is performed to create a prototype. During the implementation phase, time-to-time communication through platform such as WhatsApp and Google Meet is done to maintain control of the development as every member

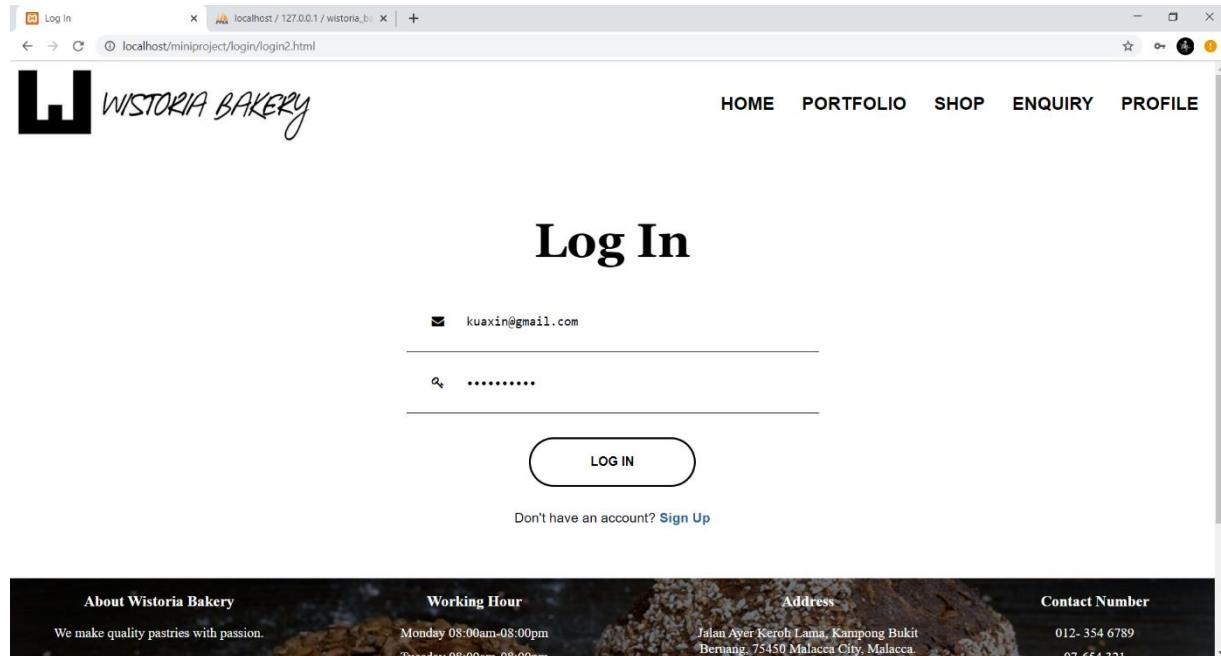
is assigned with different work. The progress of the project is checked and adjustments are made to compare the results. The progress is tracked cohesively so the results will always match the project plan.

During the implementation phase, aside from coding, testing is also done to discover every bug in the project. This is to ensure the project is bug-free and the data will be integrated without any problems. Finally, the codes are documented to deliver coding documentation.

4.1 Input Screens

This section includes every input screen for the website.

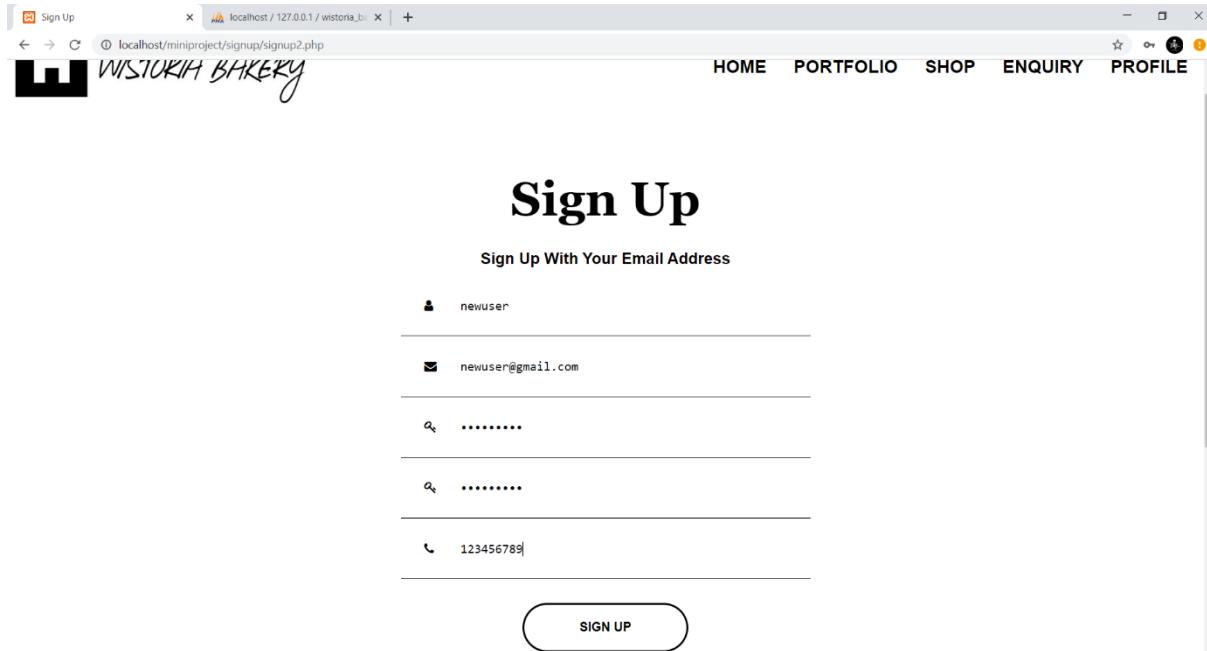
This is the first page which is the log in page that the user will see when they visit the website. The user must log into his or her account before proceed any further.



The screenshot shows a web browser window with the URL `localhost / 127.0.0.1 / wistoria.bakery`. The page title is "Log In". At the top, there is a navigation bar with links for HOME, PORTFOLIO, SHOP, ENQUIRY, and PROFILE. On the left, there is a logo for "WISTORIA BAKERY" and a brief description: "We make quality pastries with passion.". The main content area contains two input fields: one for email with the placeholder "kuaxin@gmail.com" and one for password with the placeholder ".....". Below these fields is a "LOG IN" button. At the bottom of the form, there is a link "Don't have an account? [Sign Up](#)". At the very bottom of the page, there is a footer with four sections: "About Wistoria Bakery" (text: "We make quality pastries with passion."), "Working Hour" (text: "Monday 08:00am-08:00pm", "Tuesday 08:00am-08:00pm"), "Address" (text: "Jalan Ayer Keroh Lama, Kampong Bukit Bernang, 75450 Malacca City, Malacca."), and "Contact Number" (text: "012- 354 6789", "07-654 321").

Figure 4.1: Log in Input Screen

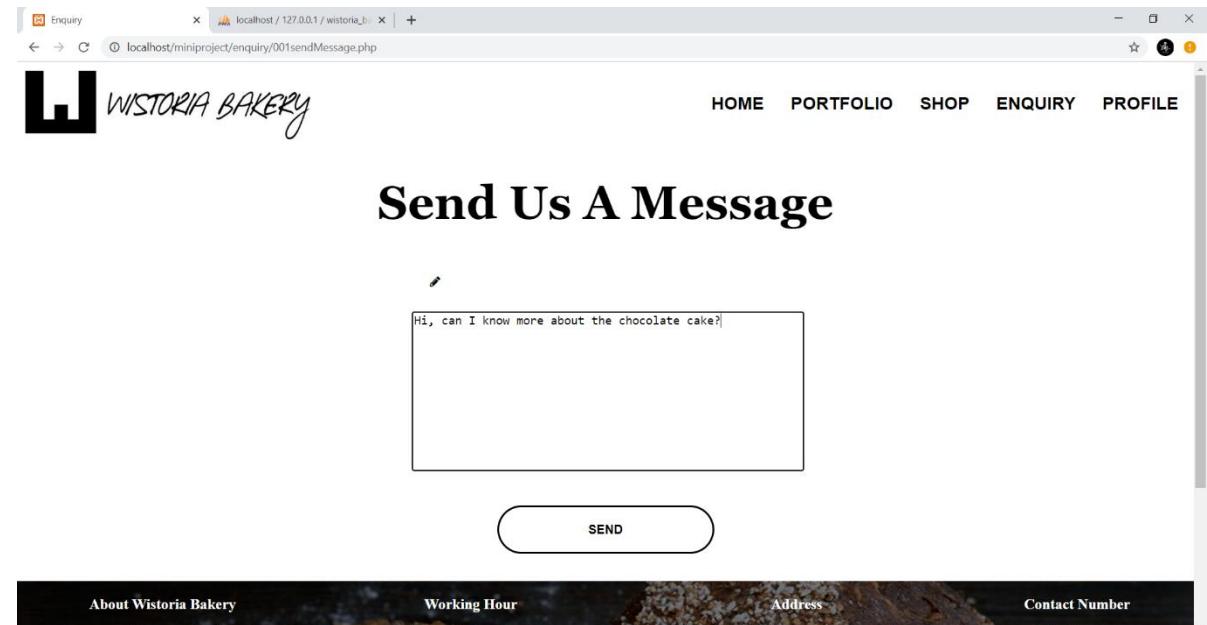
If the user does not have an account, then he or she must sign up for an account. The information needs to be provided includes name, email address, password and phone number.



The screenshot shows a web browser window for 'localhost/miniproject/signup/signup2.php'. The title bar says 'Sign Up' and the address bar shows the URL. The page features a logo 'WISTORIA BAKERY' and a navigation menu with links for HOME, PORTFOLIO, SHOP, ENQUIRY, and PROFILE. The main content is titled 'Sign Up' and 'Sign Up With Your Email Address'. It contains five input fields: a placeholder 'newuser' for a name, an email field with 'newuser@gmail.com', two password fields (one showing '.....'), and a phone number field with '123456789'. A 'SIGN UP' button is at the bottom.

Figure 4.2: Sign up Input Screen

When the user wants to ask the bakery about any question, he or she can simply type the message in the box on the enquiry page. The message will be sent directly to the bakery email.



The screenshot shows a web browser window for 'localhost/miniproject/enquiry/001sendMessage.php'. The title bar says 'Enquiry' and the address bar shows the URL. The page features a logo 'WISTORIA BAKERY' and a navigation menu with links for HOME, PORTFOLIO, SHOP, ENQUIRY, and PROFILE. The main content is titled 'Send Us A Message'. It has a large text input box containing the message 'Hi, can I know more about the chocolate cake?'. Below it is a 'SEND' button. At the bottom, there is a footer with sections for 'About Wistoria Bakery' (text: 'We make quality cakes with passion.'), 'Working Hour' (text: 'Monday 09:00am - 08:00pm'), 'Address' (text: 'Jalan 1/1A, Seksyen 1, Taman Puncak Raja'), and 'Contact Number' (text: '012-345-6789').

Figure 4.3: Enquiry Input Screen

The profile page initially shows the user's profile. If the user wants to change the information, simply enter the new information into each box and click the edit profile button. It is important to mention that the order summary and email address cannot be edited.

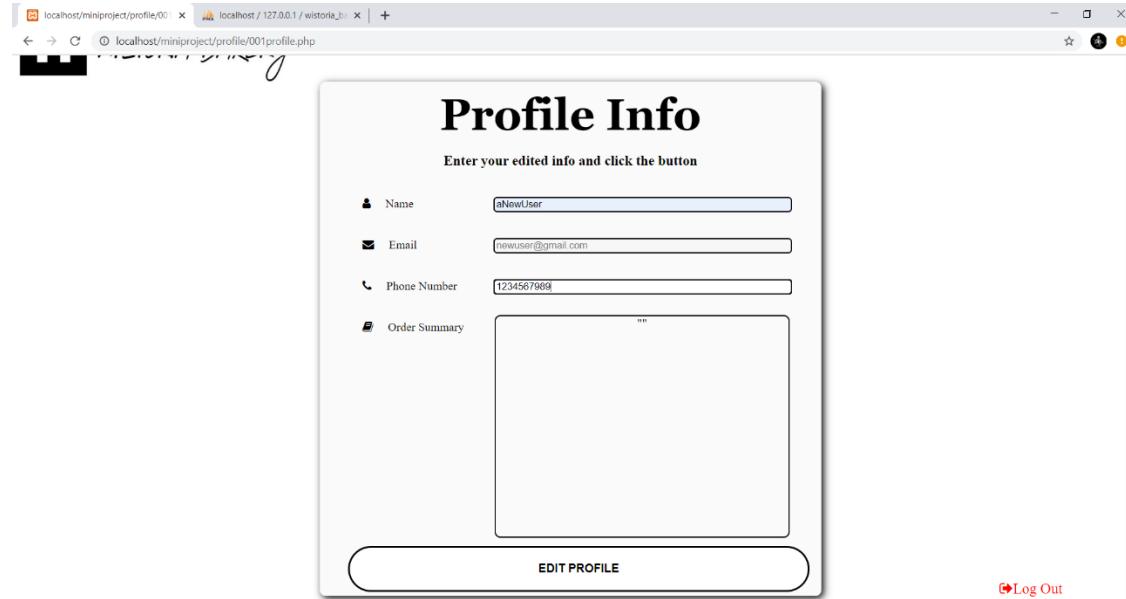


Figure 4.4: Edit Profile Input Screen

On the shop page, the user can place order on the desired product by increasing the number of the quantity box.

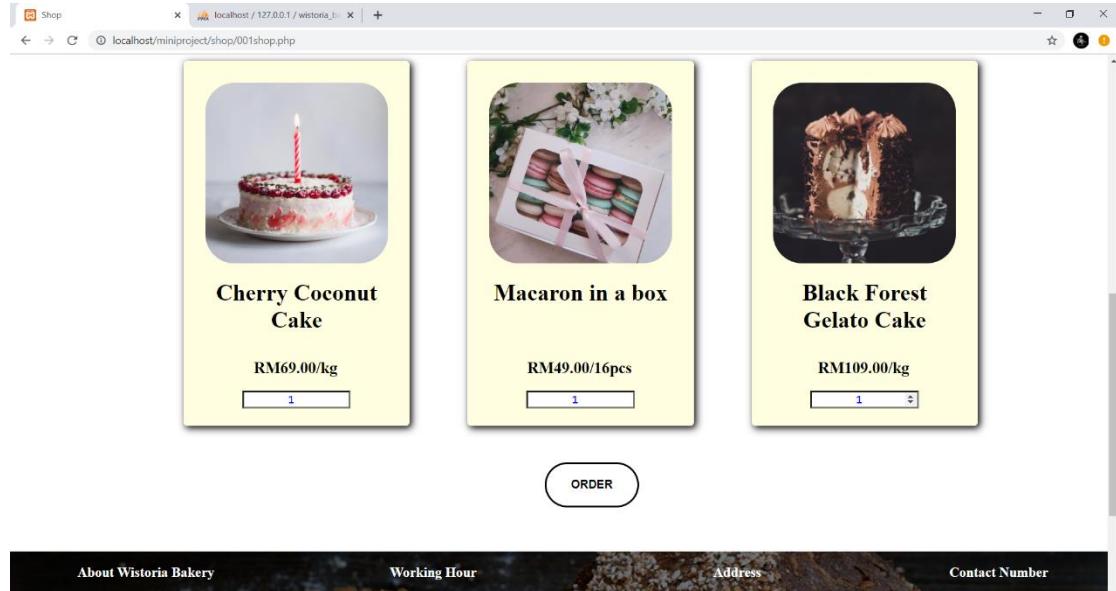


Figure 4.5: Shop Input Screen

4.2 Output Screens

This section includes all output screen for the website.

After the user log into his or her account, the home page will show on the screen. Certain information such as the information about the bakery can be checked on this page.

From this page onward, the user can navigate freely throughout the website.

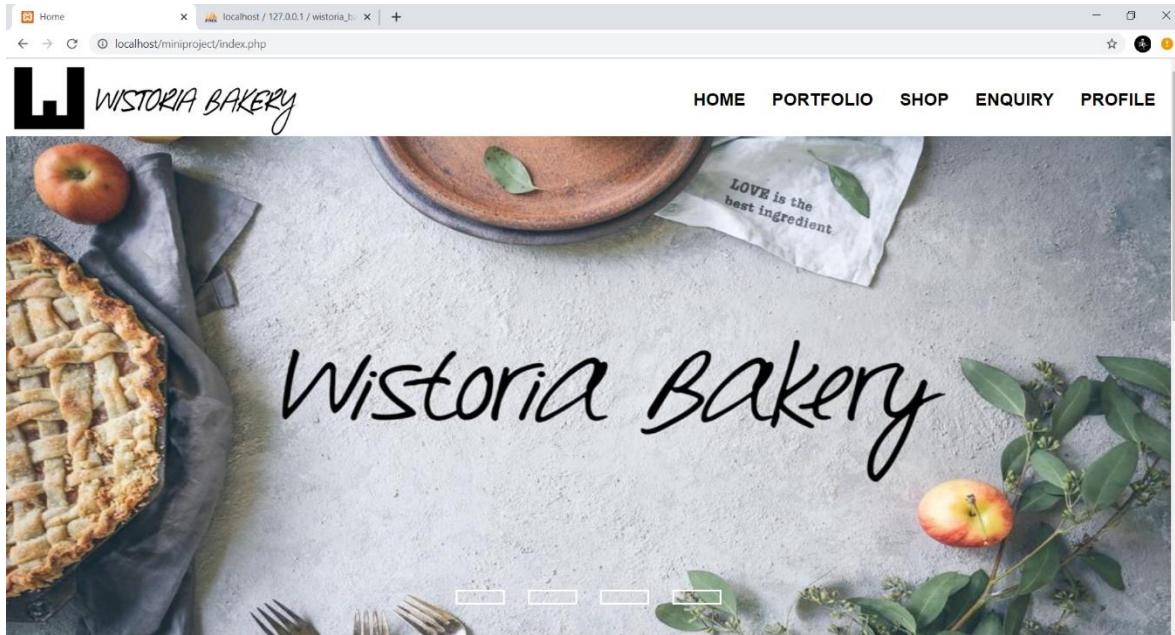


Figure 4.6: Home Output Screen

On the portfolio page, the user will see various bakery products and the testimonials from other customers and the judge from bakery contest.

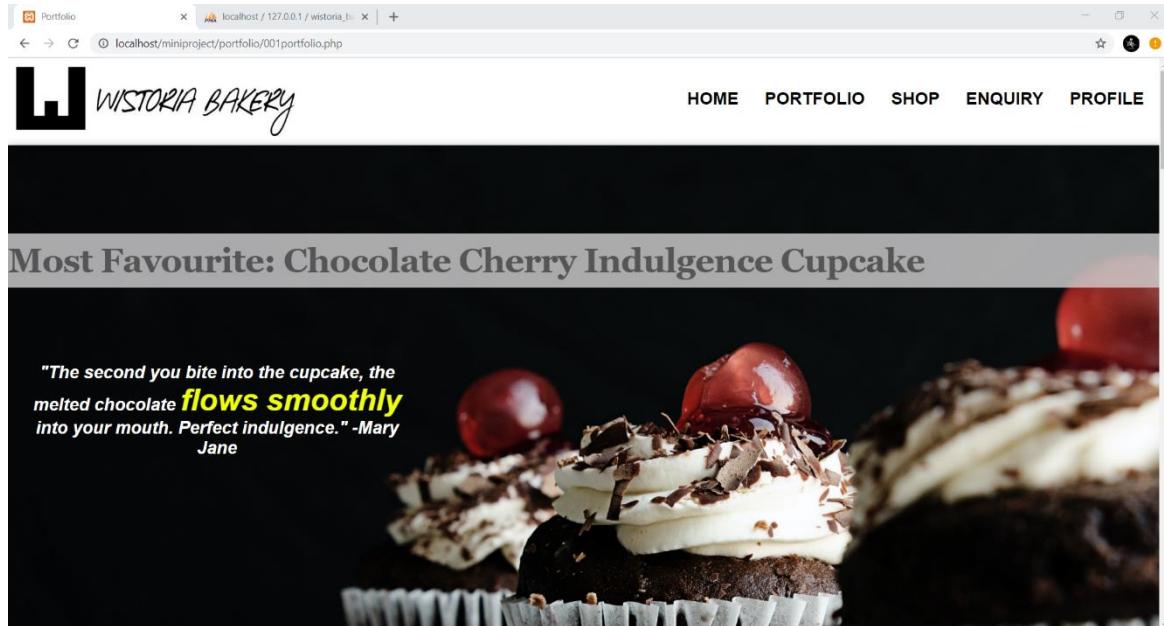


Figure 4.7: Portfolio Output Screen

When the user clicks on the shop page, this will be shown on the screen.

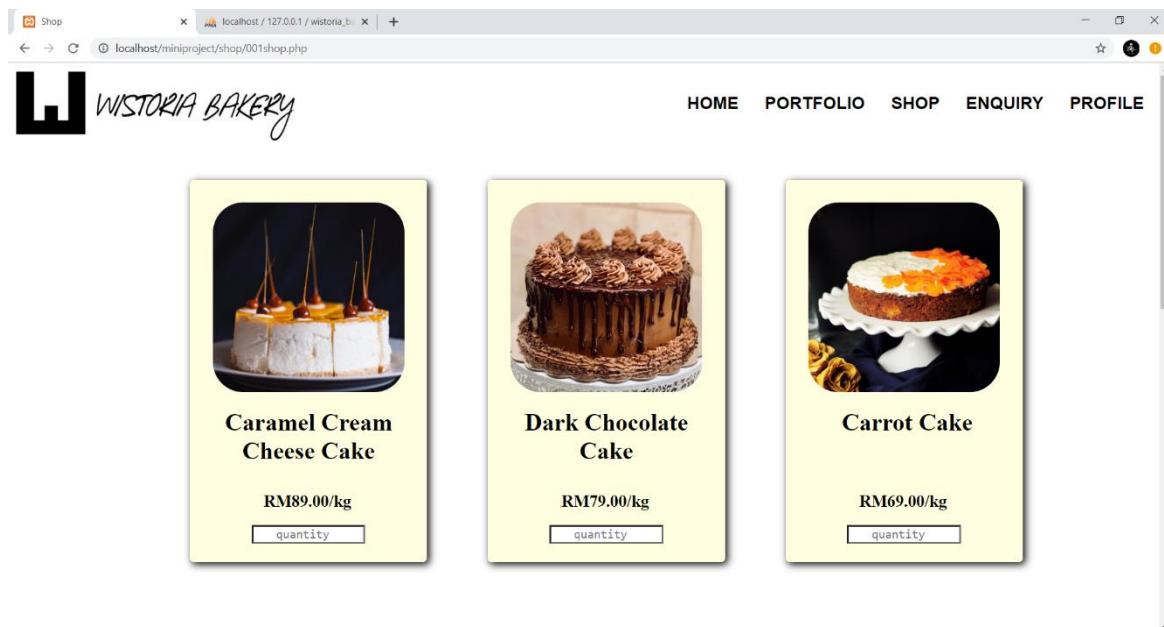


Figure 4.8: Shop Output Screen

When the user places an order successfully, there will be a pop-up notification alerting the user that the order is successfully placed.

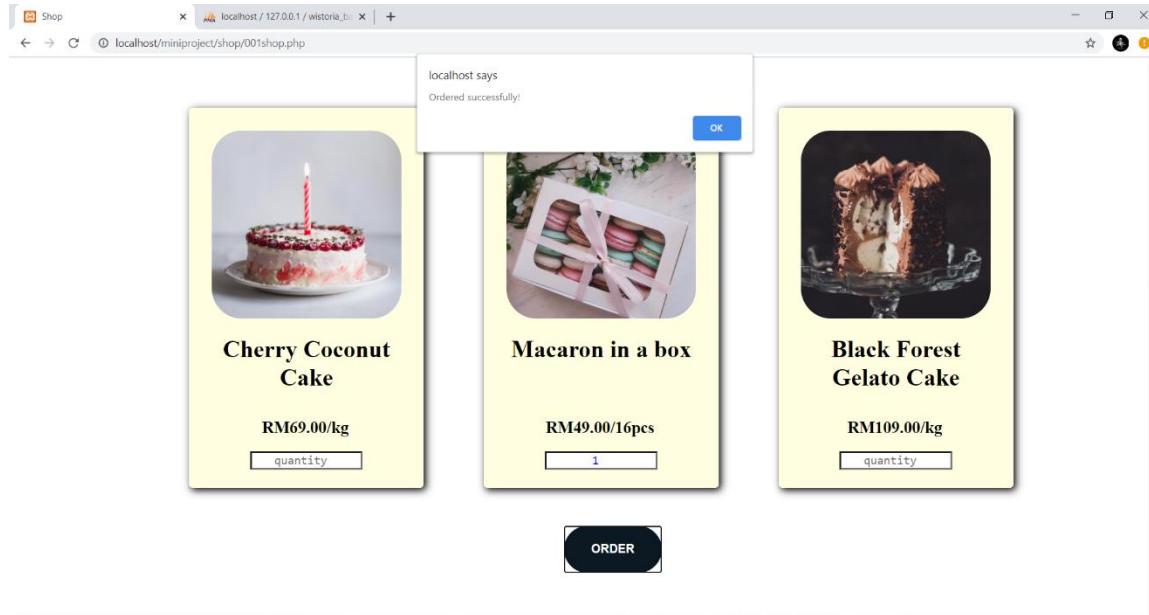


Figure 4.9: Shop Output Screen (Placed order successfully)

When the user writes something in the box on the enquiry page and clicks the send button, there will be a pop-up notification alerting the user to wait while the website is processing with the message.

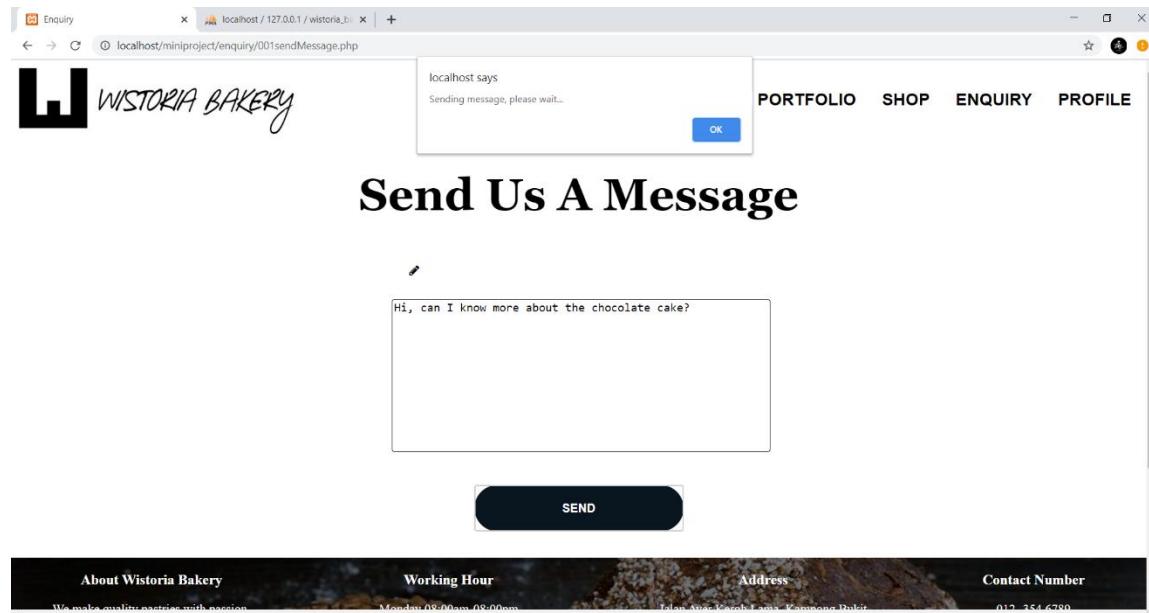


Figure 4.10: Enquiry Output Page (Sending message)

After the message is sent to the bakery email, the pop-up notification shows “message sent!”, indicating the message is sent successfully.

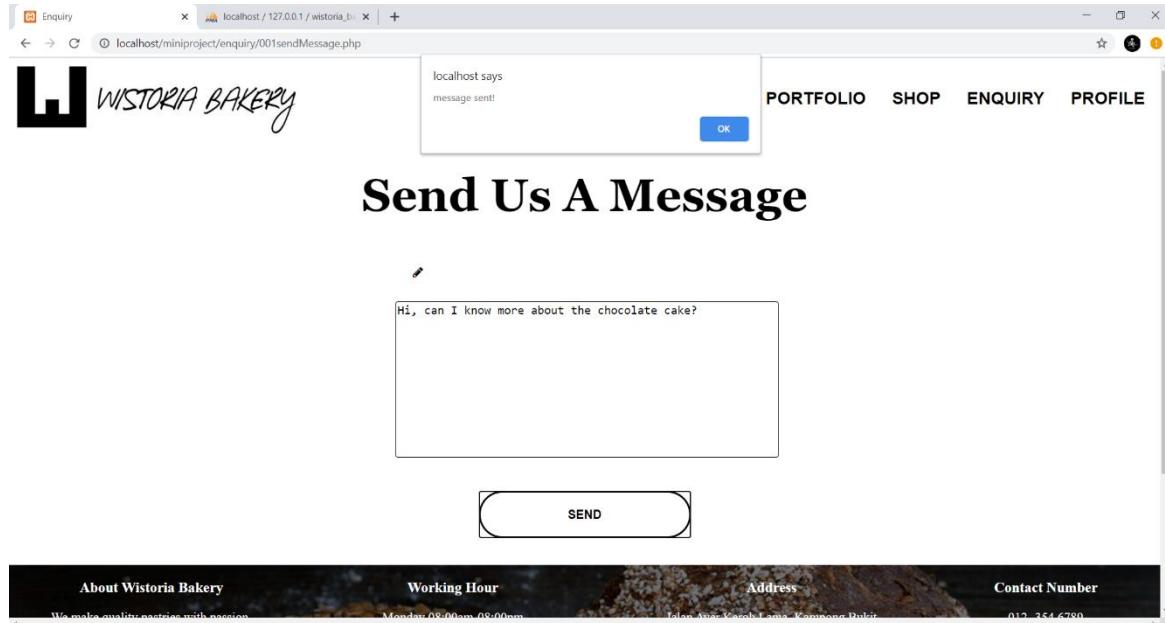


Figure 4.11: Enquiry Output Page (Message sent)

When the user edits his or her phone number with an invalid input, the pop-up notification alerts the user about the outcome.

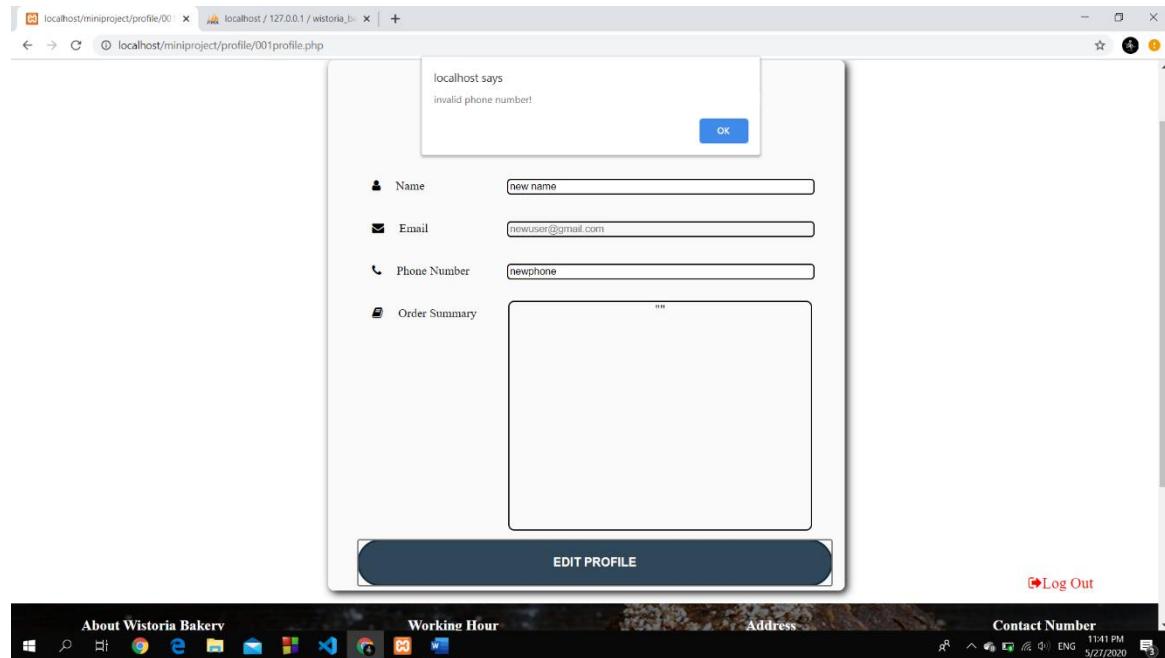


Figure 4.12: Profile Output Screen (Invalid phone number)

When the user edits his or her name with an invalid input, the pop-up notification alerts the user about the outcome.

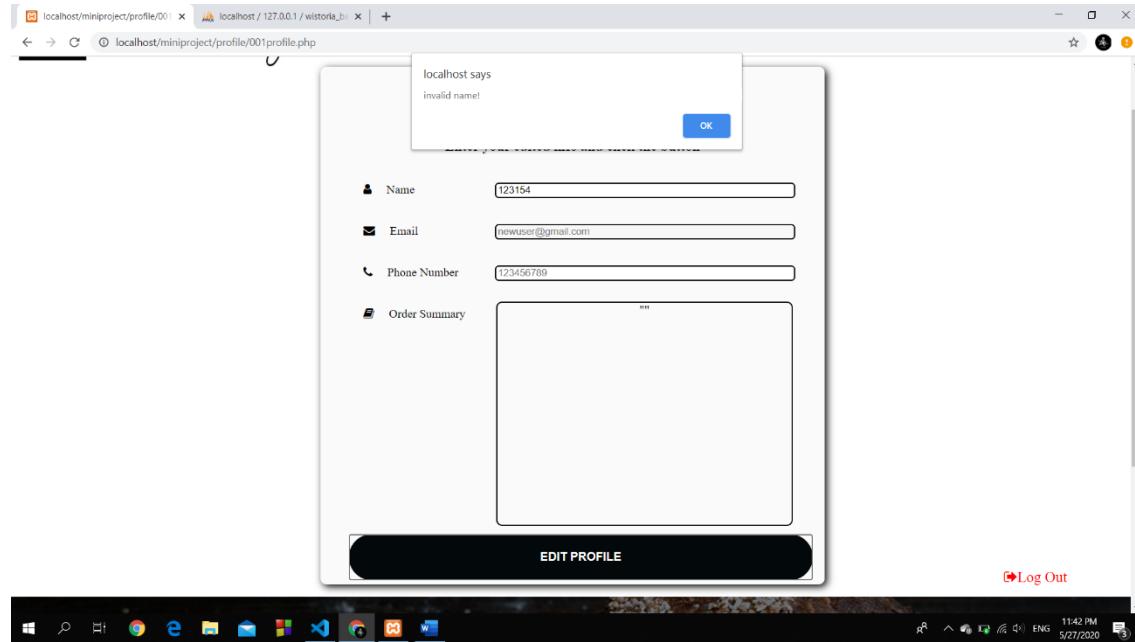


Figure 4.13: Profile Output Screen (Invalid name)

When the user successfully changes his or her profile info, the pop-up notification will show “Profile uploaded successfully!”.

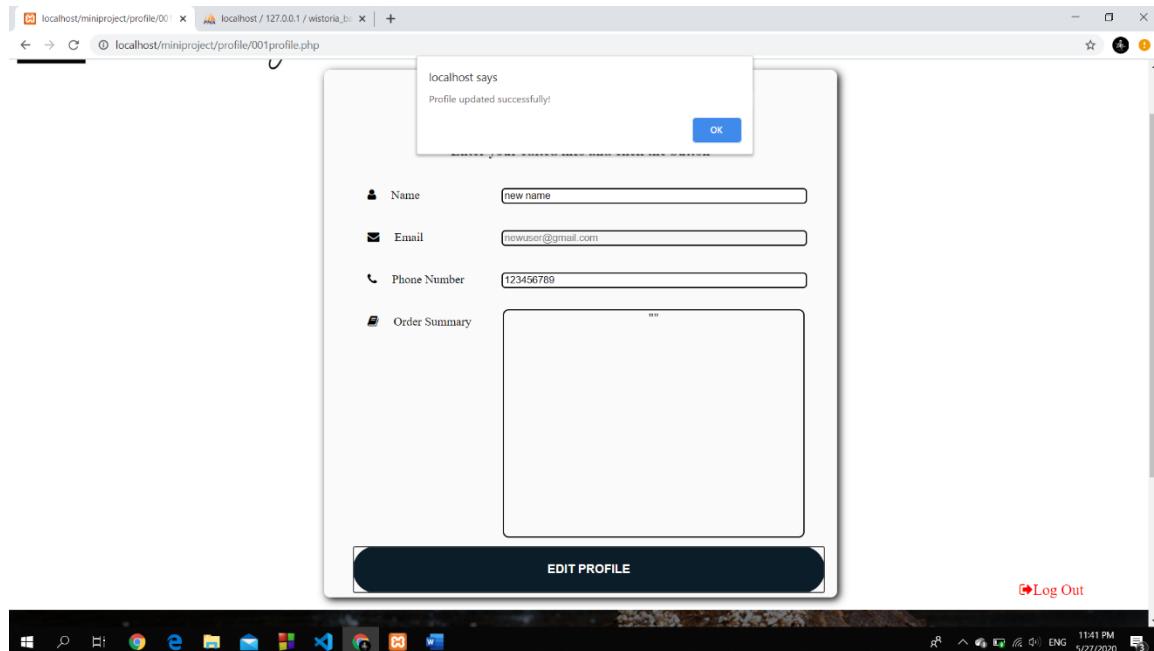


Figure 4.14: Profile Output Screen (Profile updated successfully)

This is where the bakery owner can check the customer information such as customer ID, email, name and handphone number. The password appears in the table is encrypted.

	customerid	email	name	password	hp
<input type="checkbox"/>	00020	dftf2342	1212	\$2y\$10\$tl	0
<input type="checkbox"/>	00021	213123123123	121212	\$2y\$10\$3	234234243
<input type="checkbox"/>	00022	12312323	121212	\$2y\$10\$5	234234243
<input type="checkbox"/>	00023	wrenwerwr	wrenwerwr	\$2y\$10\$1	0
<input type="checkbox"/>	00024	testing123@gmail.com	TestingABC	\$2y\$10\$z	123
<input type="checkbox"/>	00025	abc123@gmail.com	aName	\$2y\$10\$5	123123231
<input type="checkbox"/>	00026	new123@gmail.com	NewUser	\$2y\$10\$zC1L35VaK4iTc.1/FD.O0yLgJRzK/uF9xYoXXI...	1123123
<input type="checkbox"/>	00027	newuser@gmail.com	new name	\$2y\$10\$xjbqu9QQu1eX5M.XKpVOrcll2Hv.1Re9WVxGWa9j... 123456789	

Figure 4.15: Customer table on MySQL

The table shows every order made by the customers. The bakery owner can check the order made by each customer by looking at the order ID. The total price of each order is shown.

	orderid	customerid	totalprice
<input type="checkbox"/>	0000000383	26	267
<input type="checkbox"/>	0000000384	26	267
<input type="checkbox"/>	0000000385	26	267
<input type="checkbox"/>	0000000386	26	267
<input type="checkbox"/>	0000000387	26	267
<input type="checkbox"/>	0000000388	26	267
<input type="checkbox"/>	0000000389	26	267
<input type="checkbox"/>	0000000390	26	267

Figure 4.16: Order table on MySQL

This is the order item table. Each order can have many order items. The front three digits indicate the order ID while the last digit indicates the product item ID. For example, in 46500005, 465 is the order ID while 5 is the product item ID.

	orderitemid	quantity
Edit	46000002	4
Edit	46000003	2
Edit	46000005	2
Edit	46100002	2
Edit	46100005	2
Edit	46200005	1
Edit	46300005	1
Edit	46400005	1
Edit	46500005	1

Figure 4.17: Order Item Table in MySQL

This is the product item table. The product item ID, product name, product item price and descriptions are shown in this table.

	productitemid	product_item_name	product_item_price	description
Edit	00001	Caramel Cream Cheese Cake	89	Caramel, Cream Cheese, Honey, contains gluten and dairy...
Edit	00002	Dark Chocolate Cake	79	Belgium Dark Chocolate, contains gluten and dairy...
Edit	00003	Carrot Cake	69	Local organic carrot, contains gluten and dairy pr...
Edit	00004	Cherry Coconut Cake	69	Local Coconut, USA Cherry, contains gluten and dai...
Edit	00005	Macaron in a box	49	16pcs Macaron, flavors: Marmalade, Honey Caramel,...
Edit	00006	Black Forest Gelato Cake	109	Handmade Gelato, Belgium Dark Chocolate, contains...

Figure 4.18: Product Item Table on MySQL

4.3 User manual

This section includes the user manual guiding on how to navigate the website and handle the database. Possible questions and answer are included in this section to tackle the common problem faced by the users.

FAQ on possible situations while handling database

- 1) How do I check the database of Wistoria Bakery?

1. Go to Local Disk C drive and open Xampp folder.

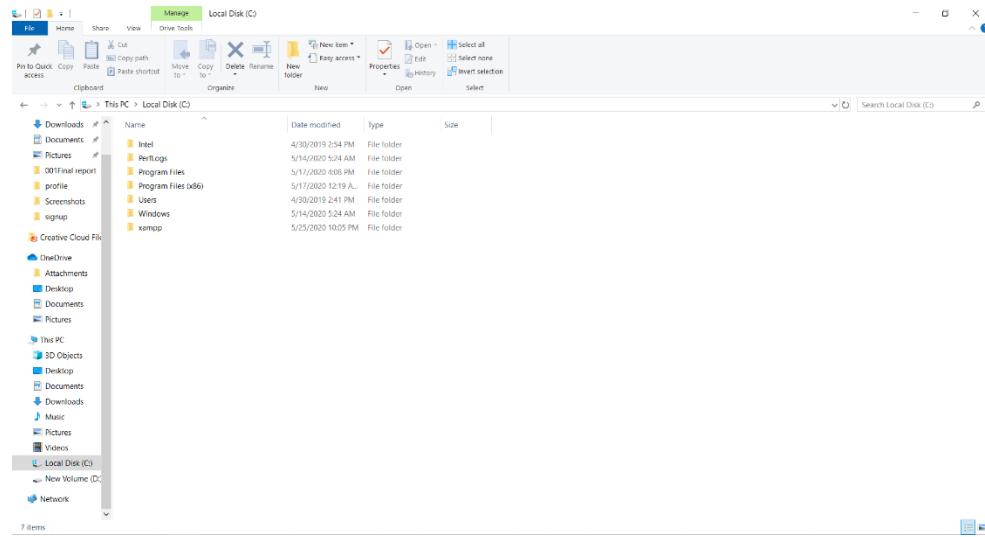


Figure 4.19: Local Disk C Drive

2. Search for xampp-control.exe and double click the file to open Xampp control panel.

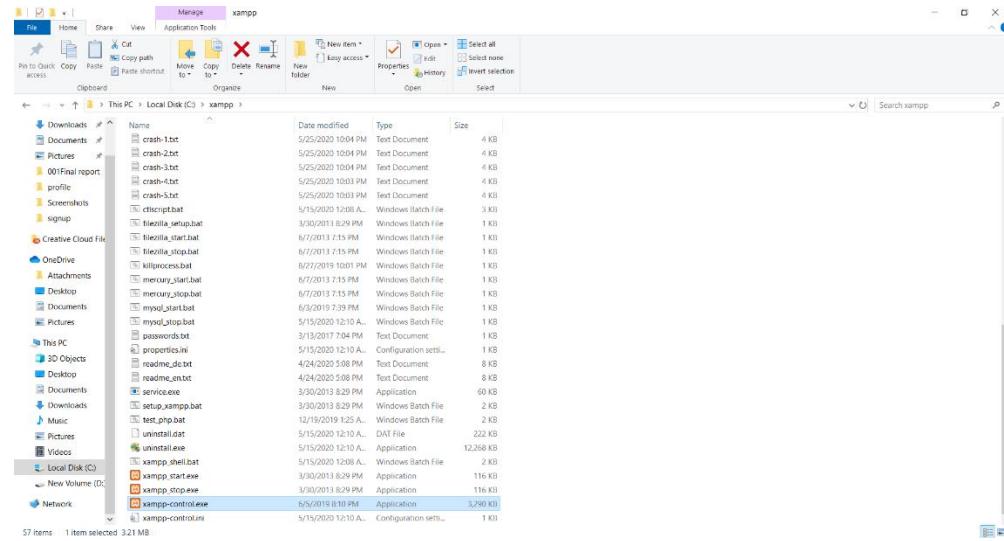


Figure 4.20: xampp-control-exe in xampp folder

3. Start the Apache and MySQL.

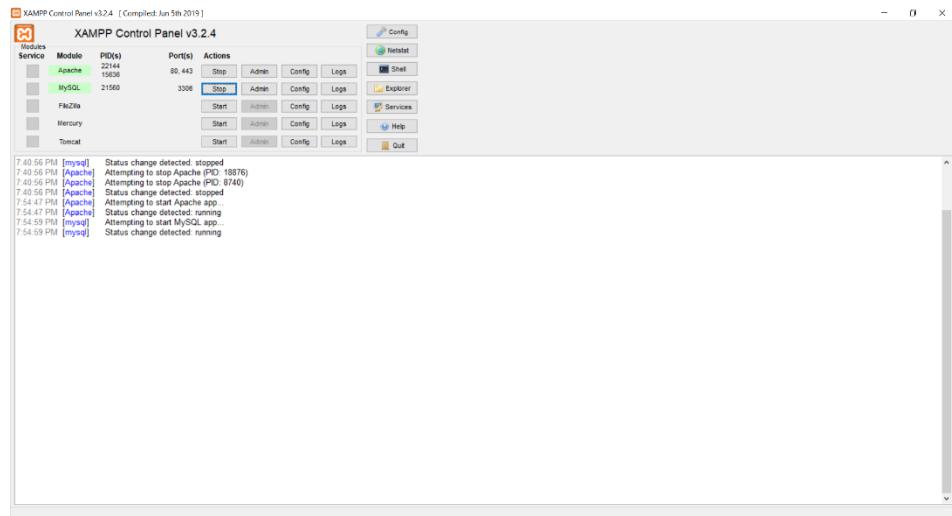


Figure 4.21: Xampp Control Panel

4. Open your browser, and type localhost/phpmyadmin/

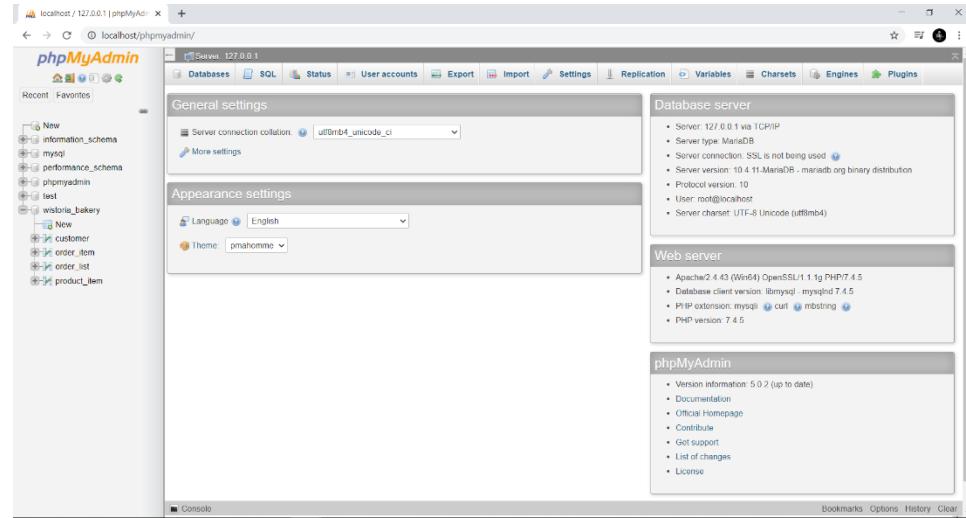


Figure 4.22: phpMyAdmin

5. Click on “Wistoria Bakery” on the left sidebar. It consists of four tables, which are customer table, order table, order item table and product item table.
- 2) How do I open the customer table?

1. Click on the customer table on the left sidebar.

Showing rows 0 - 9 (10 total). Query took 0.0007 seconds [customerid: 00020... - 00031...]						
Customer						
		customerid	email	name	password	hp
Edit	Copy	00021	d10f2342	1212	\$2y\$10\$U	0
Edit	Copy	00021	213121312123	121212	\$2y\$10\$3	234/234/43
Edit	Copy	00022	12312323	121212	\$2y\$10\$5	234/234/43
Edit	Copy	00023	wewewew	wewewew	\$2y\$10\$1	0
Edit	Copy	00024	lesting123@gmail.com	TestingABC	\$2y\$10\$z	123
Edit	Copy	00025	abc123@gmail.com	aName	\$2y\$10\$S	123123231
Edit	Copy	00026	new123@gmail.com	NewUser	\$2y\$10\$z	1123123
Edit	Copy	00027	newuser@gmail.com	adasdas	\$2y\$10\$xyjbyqjQQuTeXGM/XKqjVOrnDhV/1eRwWjVxGWWd	123/50/789
Edit	Copy	00028	new33@gmail.com	abc	\$2y\$10\$AGe03NBS5bCQvXk1OyyH1TUNRS1Xmmtis.fh..ahcdcs	
Edit	Copy	00031	asdadad@gmail.com	sesassas	\$2y\$10\$z7QdHeiTb7Akeyk3VwHFeShiFuV/D7wVtD bNRzmo	qwerty123d

Figure 4.23: Customer Table

2. You can check the customer ID, name, email and phone number. The passwords of the customers are encrypted.

3. If you wish to edit the customer record, place your cursor on “Edit” and click it.

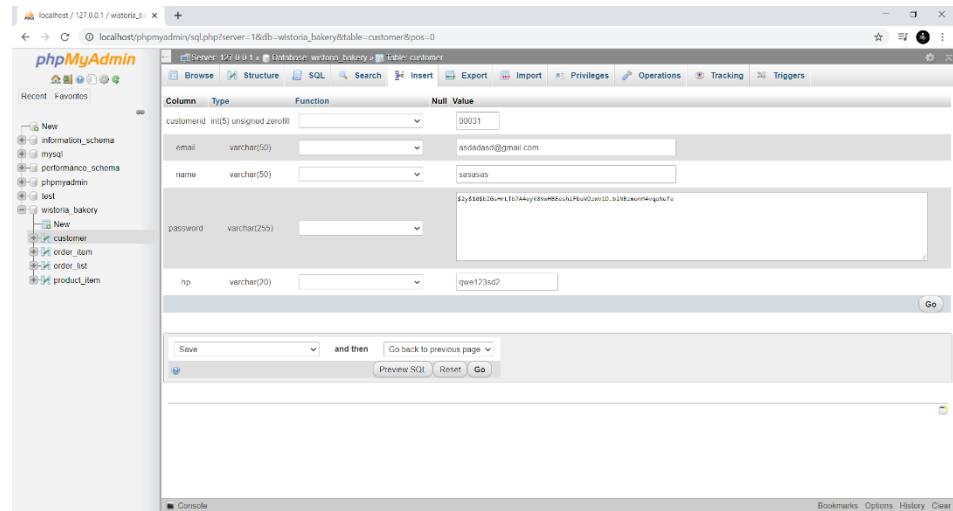


Figure 4.24: Edit Customer Record

4. You are advised not to change any of the field of the record especially the customer ID, password and email address. You shall only make changes to the name and phone number of the record upon the request of the customer if he or she fails to edit the profile in the web page.

3) How do I open the order table?

1. Click on the order list table on the left sidebar.

	orderid	customerid	totalprice
<input type="checkbox"/>	0000000383	26	267
<input type="checkbox"/>	0000000384	26	267
<input type="checkbox"/>	0000000385	26	267
<input type="checkbox"/>	0000000386	26	267
<input type="checkbox"/>	0000000387	26	267
<input type="checkbox"/>	0000000388	26	267
<input type="checkbox"/>	0000000389	26	267
<input type="checkbox"/>	0000000390	26	267
<input type="checkbox"/>	0000000465	27	49
<input type="checkbox"/>	0000000466	27	49
<input type="checkbox"/>	0000000467	27	0
<input type="checkbox"/>	0000000468	27	0
<input type="checkbox"/>	0000000469	27	0
<input type="checkbox"/>	0000000470	27	196
<input type="checkbox"/>	0000000471	27	0
<input type="checkbox"/>	0000000472	27	0
<input type="checkbox"/>	0000000473	27	0
<input type="checkbox"/>	0000000474	27	0
<input type="checkbox"/>	0000000475	27	0

Figure 4.25: Order Table

2. You can check the customer ID, order ID and the total price for each order.
3. You are advised not to change any of the field of the record.
4. You are advised to delete the record only after the order is successfully delivered to avoid any unwanted consequences. All records are better to be kept to keep track of the order pattern of the customers.

4) How do I open the order item table?

1. Click on the order item table on the left sidebar.

orderid	quantity
46000002	4
46000003	2
46000005	2
46100002	2
46100005	2
46200005	1
46300005	1
46400005	1
46500005	1
46600005	1
46700005	1
46800005	1
46900005	1
47000005	4

Figure 4.26: Order Item Table

2. You can check the order item ID and the quantity of each product item.
3. Each order item ID with the same first three digits belongs to the same order. The last digit in the order item ID indicates the product item ID.
4. The quantity indicates the amount of each product item ordered by the customer.

orderid	quantity
40000002	4
40000003	2
40000005	2
40100002	2
40100005	2
40200005	1
40300005	1
40400005	1
40500005	1
40600005	1
40700005	1
40800005	1
40900005	1
41000005	1
41100005	1
41200005	1
41300005	1
41400005	1
41500005	1
41600005	1
41700005	1
41800005	1
41900005	1
42000005	1
42100005	1
42200005	1
42300005	1
42400005	1
42500005	1
42600005	1
42700005	1
42800005	1
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48900005	1
49000005	1
49100005	1
49200005	1
49300005	1
49400005	1
49500005	1
49600005	1
49700005	1
49800005	1
49900005	1
50000005	1

Figure 4.27: Order Item Table

5) How do I open the product item table?

1. Click on the product item table on the left sidebar.

	productitemid	product_item_name	product_item_price	description
<input type="checkbox"/>	00001	Caramel Cream Cheese Cake	89	Caramen, Cream Cheese, Honey, contains gluten and da...
<input type="checkbox"/>	00002	Dark Chocolate Cake	79	Belgium Dark Chocolate, contains gluten and dairy
<input type="checkbox"/>	00003	Carrot Cake	69	Local organic carrot, contains gluten and dairy pr...
<input type="checkbox"/>	00004	Cherry Coconut Cake	69	Local Coconut, USA Cherry, contains gluten and da...
<input type="checkbox"/>	00005	Macaron in a box	49	16pcs Macaron, flavors: Marmalade, Honey Caramel,
<input type="checkbox"/>	00006	Black Forest Gelato Cake	109	Handmade Gelato, Belgium Dark Chocolate, contains ...

Figure 4.28: Product Item Table

2. You can check the product item ID, product item price, product item name and description in the table.
3. You are advised not to change any of the field in each record except for the description.

6) How do I edit a record in the table?

1. Go to any table that you want, search the record you want to edit, place your cursor on “Edit” and click it.
2. You shall make changes to the record on the field of “Value”.
3. Upon finished, click the “Go” button.

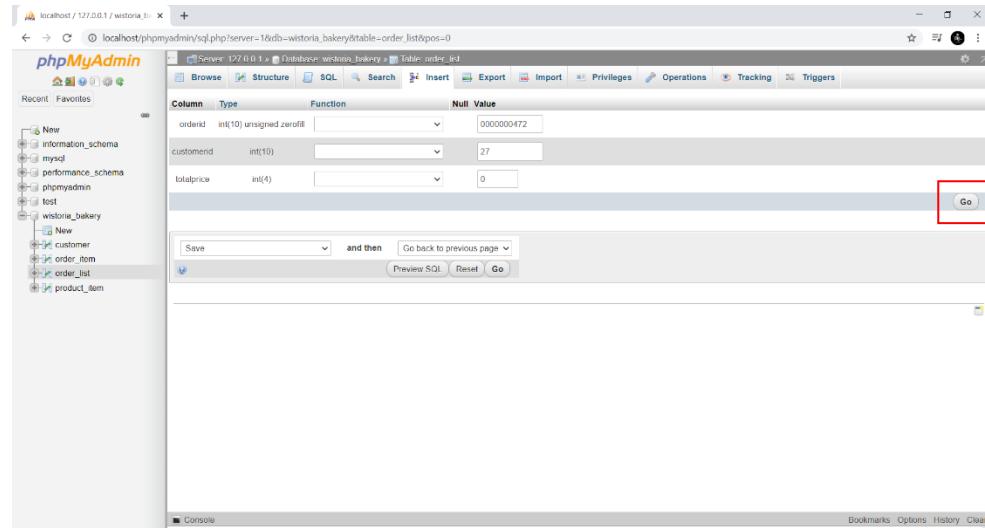


Figure 4.29: Edit record in any table

4. However, you are advised not to make changes to any field of the record as one table is related to another. Please advise the development team if you want to make any changes. Please refer to question 2 to question 5 for more information.
- 7) How do I copy the record in the table?
1. Go to any table that you want, search the record you want to copy, place your cursor on “Copy” and click it.
 2. Upon finished, click the “Go” button.
 3. However, you are advised not to copy any record to avoid duplicated information. Please advise the development team if you want to make any changes.
- 8) How do I delete the record in the table?
1. Go to any table that you want, search the record you want to delete, place your cursor on “Delete” and click it.
 2. If you want to delete multiple records at the same time, check the box on each record you want to delete then click delete at the bottom.

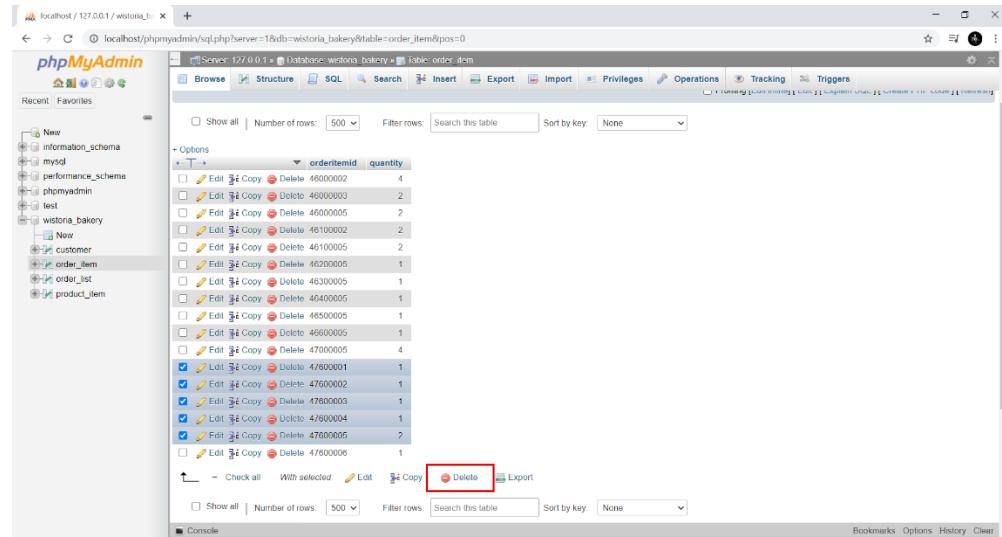


Figure 4.30: Delete multiple records by checking the boxes

3. If you confirm that you do not want to keep the records, click “Yes”.

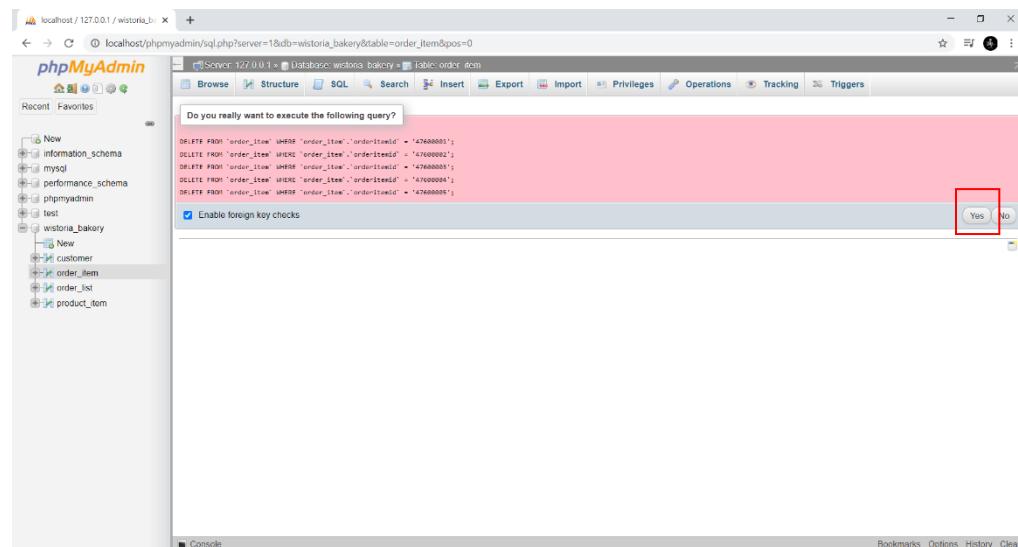


Figure 4.31: Delete multiple records in a table

4. However, you are advised not to delete any record as one table is related to another. Please advise the development team if you want to make any changes.
- 9) How do I export my database?
1. Click Wistoria Bakery on the left side bar.
 2. Click the “Export” tab on the top.

3. If you wish to export your database, click the “Go” button.

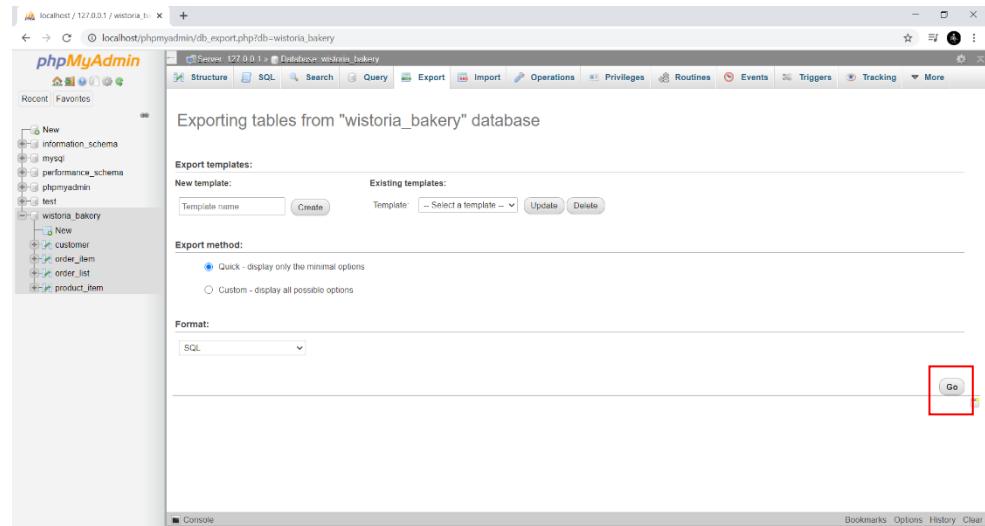


Figure 4.32: Export database

10) I could not find what I want. What can I do?

1. Please send an email to the development team at wistoriabakery@gmail.com addressing your problem.

FAQ on possible situation met by the customers

1) How to sign up for an account?

1. Go to sign up page, type your name.
2. Type your email.
3. Type your password.
4. Type your password again.
5. Type your phone number.
6. Click the “sign up” button.
7. If you wish to browse the website, please log into your account after you sign up.

2) I cannot sign up an account. Why?

1. Make sure you have filled up all the field in the sign up page.

The screenshot shows a web browser window titled "Sign Up" with the URL "localhost/miniproject/signup/signup2.php". The page has a header "Sign Up" and a sub-header "Please fill in all the fields!". It contains five input fields: Name (abc), Email (Email), Password (.....), Confirm Password (.....), and Phone Number (123456789). A "SIGN UP" button is at the bottom. Below it, a link says "Already have an account? Log In".

Figure 4.33: Sign up form with empty field

2. Make sure you enter the correct name with no punctuation, numerical character and special character.

The screenshot shows a web browser window titled "Sign Up" with the URL "localhost/miniproject/signup/signup2.php". The page has a header "Sign Up" and a sub-header "Use only letters and space for your name!". It contains five input fields: Name (1212), Email (dfdf), Password (.....), Confirm Password (.....), and Phone Number (123456789). A "SIGN UP" button is at the bottom. Below it, a link says "Already have an account? Log In".

Figure 4.34: Sign up form with invalid name

3. Make sure the email that you entered is a valid email.

The screenshot shows a web browser window with the title 'Sign Up' and the URL 'localhost/miniproject/signup/signup2.php'. The page displays a sign-up form with the following fields:

- First Name: abc
- Email: dfdf (highlighted in blue)
- Password: (two lines)
- Confirm Password: (two lines)
- Phone Number: 123456789

A red error message 'Invalid Email format!' is displayed above the email input field. A 'SIGN UP' button is at the bottom, and a 'Log In' link is at the bottom right.

Figure 4.35: Sign up form with invalid email address

4. Make sure the phone number that you entered is made up of numerical characters only.

The screenshot shows a web browser window with the title 'Sign Up' and the URL 'localhost/miniproject/signup/signup2.php'. The page displays a sign-up form with the following fields:

- First Name: asdasdas
- Email: asd12345@gmail.com
- Password: (two lines)
- Confirm Password: (two lines)
- Phone Number: 12121212asdasd

A red error message 'Invalid phone number!' is displayed above the phone number input field. A 'SIGN UP' button is at the bottom, and a 'Log In' link is at the bottom right.

Figure 4.36: Sign up form with invalid phone number

5. If you have done all the steps correctly and still fail to sign up for an account, please send an email to askwistoriabakery@gmail.com addressing the issue.

3) How do I log in to my account?

1. Go to log in page, type your email.
2. Type you correct password.

4) I cannot log into my account. Why?

1. Please check if you already have an existing account. If not, please sign up for an account.
2. Please check if you have entered you email and password correctly.

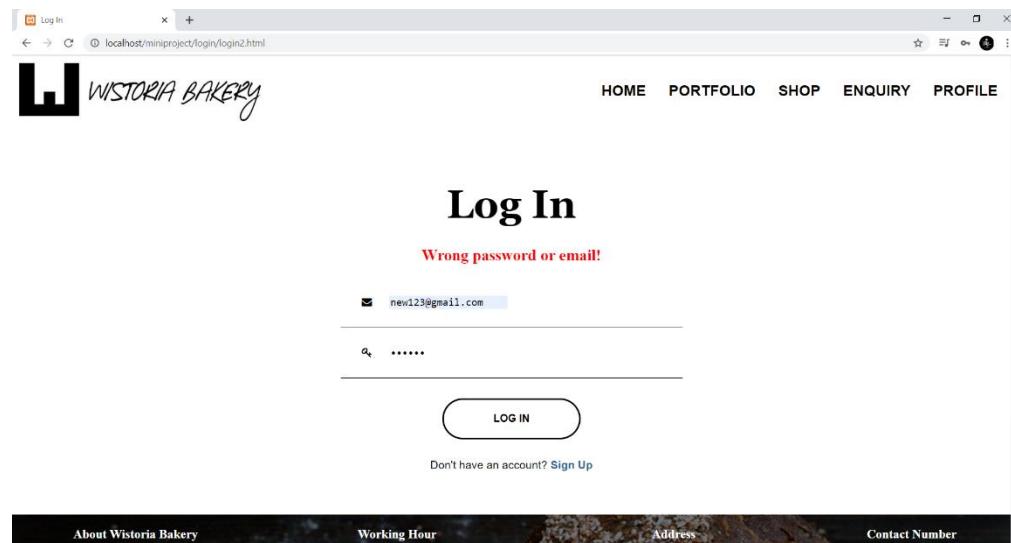


Figure 4.37: Log in with wrong password or email

3. If you still cannot log into your account given your email and password are entered correctly, please send an email to askwistoriabakery@gmail.com addressing the issue.

5) How do I make an order?

1. Firstly, log into your user account.
2. If you do not have an account, please sign up for an account. (Please refer to question 1: How to sign up an account?)
3. Go to the shop page, increase the amount of the desired products.
4. If you wish to cancel the product that you have chosen, simply just decrease the amount of the product to “0”.

5. Click the “Order” button.
- 6) I cannot make an order. Why?
1. Please check if you have increased the number of your desired product to the wanted amount.

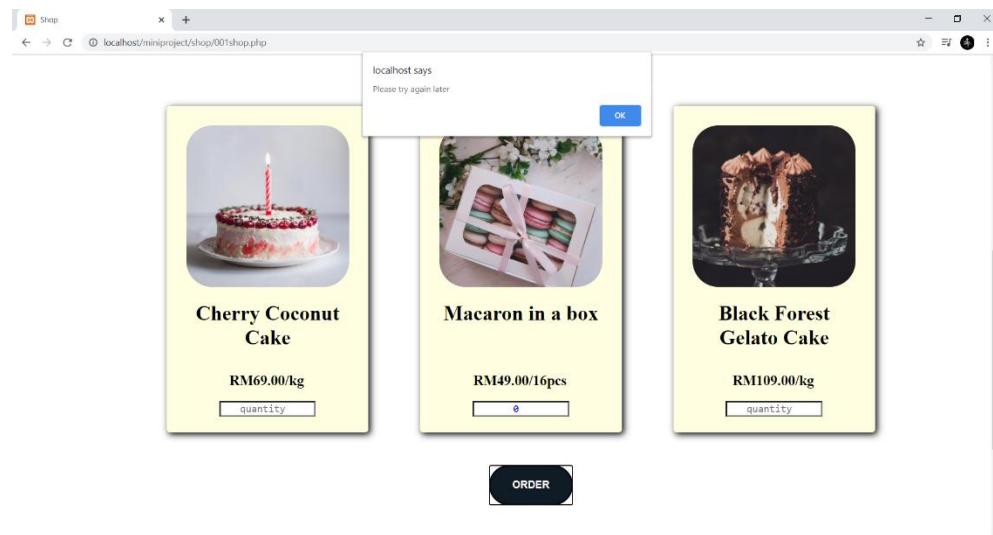


Figure 4.38: Order zero quantity of any products

2. If you fail to order even if you have already increased the amount of the product, please send a message on the enquiry page or send an email to askwistoriabakery@gmail.com addressing the issue.
- 7) How to send a message to the Wistoria Bakery?
1. Go to the enquiry page, in the textbox, type the message that you wish to send to the bakery.
 2. Click the send button.
 3. Click ok on the pop-up notification, stay on the same page and wait patiently until you get another pop-up notification.

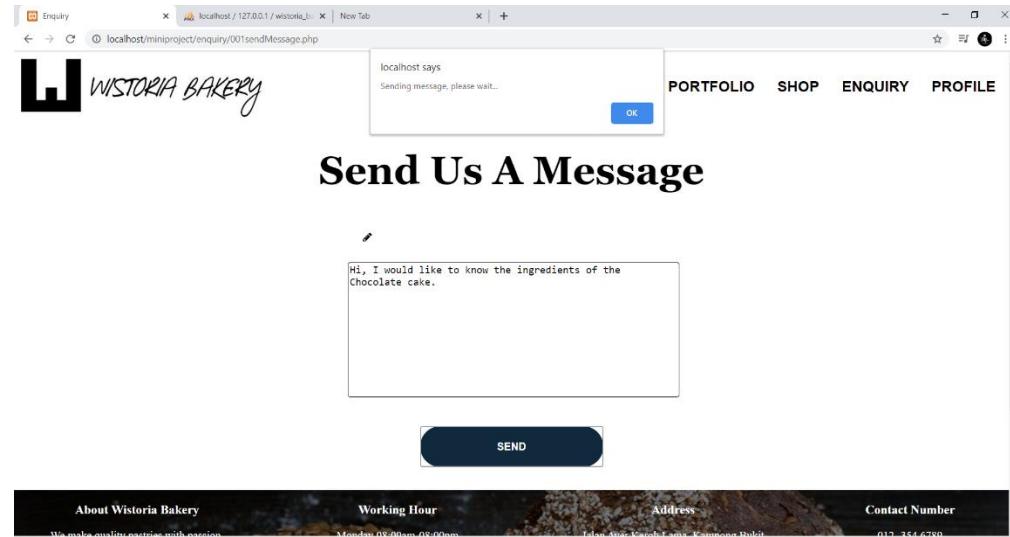


Figure 4.39: Sending message

4. The pop-up notification indicates the message is sent successfully.

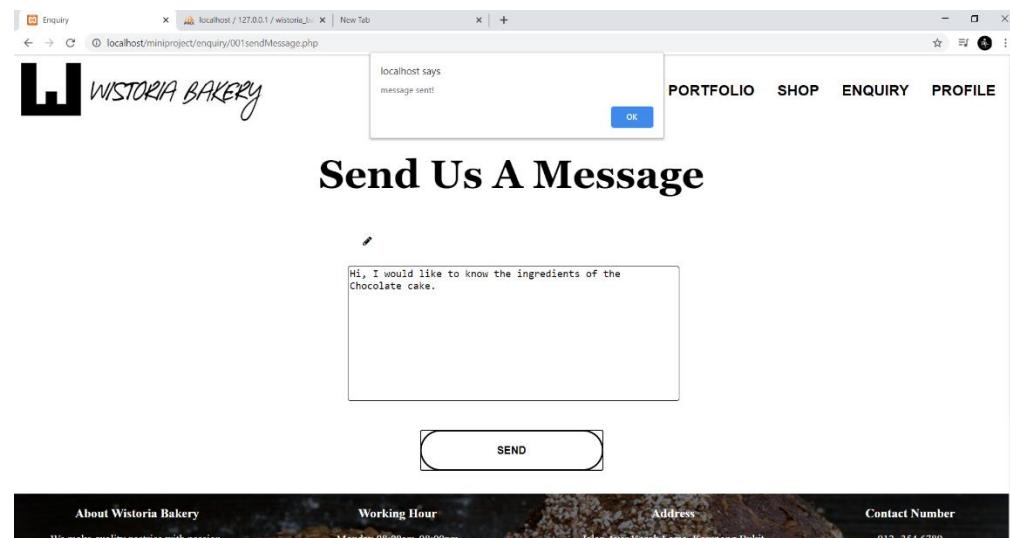


Figure 4.40: Message sent successfully

- 8) How do I check my profile information?

1. Go to the profile page, the profile info box shows all your information including your name, email, phone number and the order ID of every orders that you have made.

9) How to edit my profile information?

1. Click on the field that you wish to change your information and type the new information.
2. Click the “edit profile” button.
3. The pop-up notification indicates that your profile information is updated successfully.

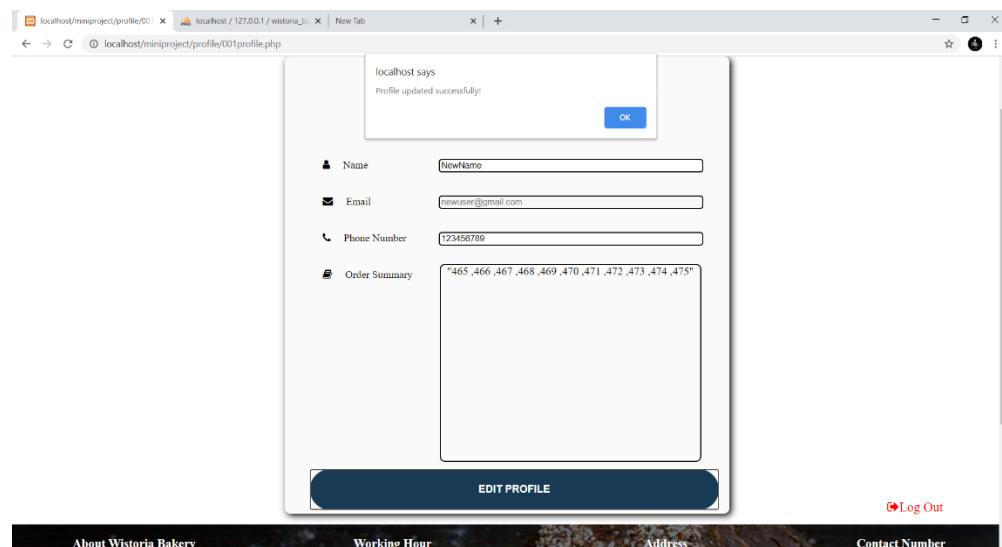


Figure 4.41: Profile updated successfully

10) I cannot edit my profile information. Why?

1. Noted that you can only change your name and your phone number. Your email address and order summary cannot be edited.
2. You might have entered invalid input in the name field and phone number field. Please enter the correct name with no punctuation, numerical character and special character. The phone number that you entered shall consist of numerical characters only.

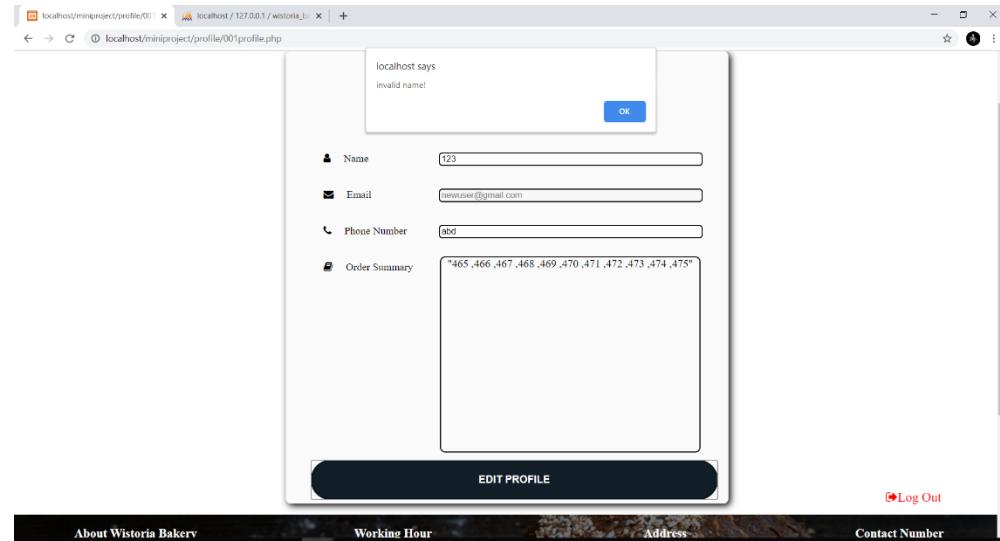


Figure 4.42: Updating profile with invalid name

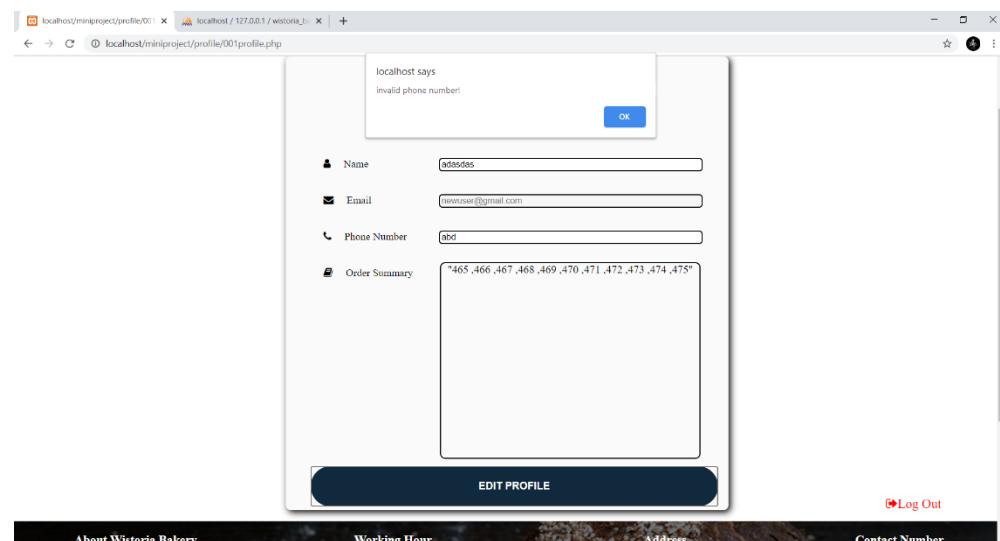


Figure 4.43: Updating profile with invalid phone number

3. If you still fail to edit your profile information regardless of any circumstances stated above, please send a message on the enquiry page or send an email to askwistoriabakery@gmail.com addressing the issue.

11) Where can I check the information on the bakery?

1. On any web pages, scroll down to the bottom of the page and you will see the working hour, address, contact number and email address of the bakery.

2. If you click on the Facebook or Instagram logo on the bottom of the page, you will be redirected to the Facebook or Instagram page of Wistoria Bakery.
3. If you click on the address on the bottom of the page, you will be redirected to Google Maps.

12) I cannot find what I want on the website. What should I do?

1. Go to the enquiry page, in the textbox, type the message and click the send button. (For more information, please refer to question number 7: How to send a message to the Wistoria Bakery?)
2. Please send an email to askwistoriabakery@gmail.com from your email account addressing your issue.

Chapter 5: Conclusion

Throughout the development of the mini project, new hard skills and soft skills are learnt by every member. For example, new language such as HTML, CSS, PHP, Javascript and MySQL are learnt, aside from C++ that was taught in the last semester. Time management skill is also mastered by the members as developing mini project during short semester is hasty due to the deadline given. Besides, sharing perspectives during the group discussion through Google Meet is also a new experience for everyone.

The project is expected to be done within six weeks; however, it turns out that six weeks are not enough to develop a bug-free website with user interface and proper functions, considering the language used in this project are only learnt in this semester. The tasks delegated to each member should be measured by each member's strength. Each member should also inform the leader on their weaknesses. Every member needs to follow the leader's guidance and instruction too. As for alternative solutions, we ask the senior for assistance during the project development.

Deepest gratitude and appreciation are given to everyone that has helped us during the project. We would like to express our special thanks to our supervisor, Madam Robiatun Adawiah Binti Ahmad Kushairi for her guidance. Each member's effort is also deeply appreciated.

Appendices

Appendix A- Reference

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Appendix B- Group Project Declaration Form**FACULTY OF INFORMATION SCIENCE & TECHNOLOGY**

PMP0325 – MINI IT Projects

Trimester 3, 2019/2020

Wistoria Bakery

Robiatun Adawiah Ahmad Kushairi

Group Members:

No.	Student ID	Student name
1	1191101240	Chan Jia Chun
2	1191101340	Grayson Goh Jin Yi
3	1191101497	Foo Haw Liang
4	1191101533	Cheng Jia Pao
5	1191101571	Kuek Ya Xin, Careen

Declaration by Group Leader

I hereby declare that all group members' names are correctly included in the above section. I hold a copy of this assignment which I can produce if the original is lost or damaged. I certify that no part of this assignment has been copied from any other student's work or from any other source except where due acknowledgement is made in the assignment/project/etc.

Group Leader's Signature: _____

Group Leader's Name: Cheng Jia PaoGroup Leader's ID: 1191101533Date: 25/05/2020

Group Member's Declaration

(Each group member, including the group leader, must individually fill up and submit this form, with the student's handwriting. This form has to be attached with the project submission.)

Group member's name: Chan Jia Chun

Student ID: 1191101240

For the purpose of completing this assignment, I have performed the following tasks:

- draw storyboard

- help to prepare preliminary report and data dictionary

- create webpage using HTML and CSS

I hereby declare that I have assessed the final submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.

Group member's signature: _____

Group member's name: Chan Jia Chun

Group member's ID: 1191101240

Date: 25/05/2020

Group Member's Declaration

(Each group member, including the group leader, must individually fill up and submit this form, with the student's handwriting. This form has to be attached with the project submission.)

Group member's name: Grayson Goh Jin Yi

Student ID: 1191101340

For the purpose of completing this assignment, I have performed the following tasks:

- write the proposal
 - design and draw a part of storyboards
 - draw the site map and the E-R diagram
 - develop some webpages interface like home page, header, shop page and sign in page
-
-
-
-

I hereby declare that I have assessed the final submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.

Group member's signature: _____

Group member's name: Grayson Goh Jin Yi

Group member's ID: 1191101340

Date: 25/05/2020

Group Member's Declaration

(Each group member, including the group leader, must individually fill up and submit this form, with the student's handwriting. This form has to be attached with the project submission.)

Group member's name: Foo Haw Liang

Student ID: 1191101497

For the purpose of completing this assignment, I have performed the following tasks:

- record the meeting log after we finished the weekly meeting

- code a little part of the web

- write the conclusion for our project

I hereby declare that I have assessed the final submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.

Group member's signature: _____

Group member's name: Foo Haw Liang

Group member's ID: 1191101497

Date: 25/05/2020

Group Member's Declaration

(Each group member, including the group leader, must individually fill up and submit this form, with the student's handwriting. This form has to be attached with the project submission.)

Group member's name: Cheng Jia Pao

Student ID: 1191101533

For the purpose of completing this assignment, I have performed the following tasks:

- distribute tasks to each member

- design storyboards

- compile preliminary report and final report and deliver presentation slides

- code frontend of the website including portfolio and footer

- check and amend bugs in the code

I hereby declare that I have assessed the final submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.

Group member's signature: _____

Group member's name: Cheng Jia Pao

Group member's ID: 1191101533

Date: 25/ 05/ 2020

Group Member's Declaration

(Each group member, including the group leader, must individually fill up and submit this form, with the student's handwriting. This form has to be attached with the project submission.)

Group member's name: Kuek Ya Xin, Careen

Student ID: 1191101571

For the purpose of completing this assignment, I have performed the following tasks:

- do backend coding

- code the enquiry page

I hereby declare that I have assessed the final submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.

Group member's signature: _____

Group member's name: Kuek Ya Xin, Careen

Group member's ID: 1191101571

Date: 25/ 05/ 2020

Appendix C- Meeting Log

Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS**Meeting Log**

(To be filled by Student)

MEETING DATE: 14-04-2020	MEETING NO: 1		
PROJECT TITLE: Wistoria Bakery Web Design			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

1. WORK DONE:

(Please write the details of the work done after the last meeting)

Pros and cons of multimedia mini project and programming mini project were analysed. All members also analysed what can be learned through the project. At last, the decision to make web design for mini IT project is made after the discussion between members and supervisor. Moreover, details needed to be included in the website were discussed and will be looked into further by all members.

WORK TO BE DONE:

The scope for the project such as target audience, purpose, title and etc. needed to be defined. All members need to discuss the storyboard, layout and functions of the website. The proposal for the project will be submitted to our supervisor after this meeting.

2. PROBLEM ENCOUNTERED:

All members need to learn how to do web design and learn new programming language such as HTML, CSS and JavaScript to complete our project.

**3. COMMENTS**

Supervisor's Signature & Stamp

1. Items 1 – 3 are to be completed by students before coming for the meeting. Item 4 is to be completed by the supervisor.
2. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).

*: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)

Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS

Meeting Log

(To be filled by Student)

MEETING DATE: 21-04-2020	MEETING NO: 2		
PROJECT TITLE: Wistoria Bakery			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

4. WORK DONE:

(Please write the details of the work done after the last meeting)

Discussion on the storyboard for the website and a few sessions of the final report such as feasibility studies are carried out in the meeting.

5. WORK TO BE DONE:

Storyboards for the website need to be drafted and submitted to the supervisor for review and approval.

6. PROBLEM ENCOUNTERED:

All members should design interface for the website in a way that is user-friendly, easy to navigate and attractive.

7. COMMENTS

Supervisor's Signature & Stamp

3. Items 1 – 3 are to students before meeting. Item 4 is the supervisor.
4. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).



be completed by
coming for the
to be completed by

*: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)

Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS

Meeting Log

(To be filled by Student)

MEETING DATE: 28-04-2020	MEETING NO: 3		
PROJECT TITLE: Wistoria Bakery			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

8. WORK DONE:

(Please write the details of the work done after the last meeting)

The mistakes in the storyboards were discussed and some subtopics in the preliminary report such as ER diagram and economic feasibility were discussed.

9. WORK TO BE DONE:

ER diagram need to be drawn and the preliminary report need to be submitted to our supervisor.

10. PROBLEM ENCOUNTERED:

The team should start the implementation phase of the project.

11. COMMENTS

Supervisor's Signature & Stamp

5. Items 1 – 3 are to students before meeting. Item 4 is the supervisor.
6. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).



be completed by
coming for the
to be completed by

*: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)

Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS

Meeting Log

(To be filled by Student)

MEETING DATE: 05-05-2020	MEETING NO: 4		
PROJECT TITLE: Wistoria Bakery			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

12. WORK DONE:

(Please write the details of the work done after the last meeting)

Details on presentation such as presentation slides and time slots were discussed.

13. WORK TO BE DONE:

Implementation phase which is coding need to be proceeded.

14. PROBLEM ENCOUNTERED:

No problem encountered.

15. COMMENTS

Supervisor's Signature & Stamp

7. Items 1 – 3 are to students before meeting. Item 4 is the supervisor.
8. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).



be completed by
coming for the
to be completed by

*: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)

Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS

Meeting Log

(To be filled by Student)

MEETING DATE: 5-5-2020	MEETING NO: 5		
PROJECT TITLE: Wistoria Bakery			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

16. WORK DONE:

(Please write the details of the work done after the last meeting)

The amendments of the storyboard are informed to the supervisor and some completed webpages are shown.

17. WORK TO BE DONE:

The rest of the webpages need to be finished and proceed to backend coding.

18. PROBLEM ENCOUNTERED:

No problem encountered.

19. COMMENTS

Supervisor's Signature & Stamp

9. Items 1 – 3 are to be completed by students before coming for the meeting. Item 4 is to be completed by the supervisor.
10. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).

*: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)



Faculty of Information Science and Technology (FIST)

PMP0325 – MINI IT PROJECTS

Meeting Log

(To be filled by Student)

MEETING DATE: 19-05-2020	MEETING NO: 6		
PROJECT TITLE: Wistoria Bakery			
TRIMESTER/ SESSION: Trimester 3, 2019/2020			
SUPERVISOR: Robiatun Adawiah Binti Ahmad Kushairi			
No	Student ID	Name	Signature
1.	1191101533	Cheng Jia Pao	
2.	1191101240	Chan Jia Chun	
3.	1191101571	Kuek Ya Xin, Careen	
4.	1191101340	Grayson Goh Jin Yi	
5.	1191101497	Foo Haw Liang	

20. WORK DONE:

(Please write the details of the work done after the last meeting)

The last two chapters of final report which are the system implementation and conclusion are discussed. The flow of the presentation is also explained by the supervisor.

21. WORK TO BE DONE:

The prototype should be handed in not later than the next Monday. Final report and presentation slides need to be done before the presentation.

22. PROBLEM ENCOUNTERED:

No problem encountered.

23. COMMENTS

Supervisor's Signature & Stamp

11. Items 1 – 3 are to be completed by students before coming for the meeting. Item 4 is to be completed by the supervisor.
 12. Log sheets are compulsory assessment criteria for Mini IT Projects and total of six log sheets are to be submitted (every other week*).
- *: week 1, 3, 5, 7 of the trimester (week 12: report submission, week 13 & 14: presentation)

Appendix D – Storyboard

Storyboard / Page No.: 1

Title: Home Page

SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
<p>The storyboard diagram illustrates the layout of the Home Page. It consists of four rows. Row 1 contains six small square boxes labeled H1 through H6. Row 2 contains four large rectangular boxes labeled G1, G2, G3, and G4. Row 3 contains two rectangular boxes labeled T1 and G5. Row 4 contains five small square boxes labeled T2, T3, T5, H7, and T4.</p>	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>G1, G2, G3, G4: Graphic – Image Slider G5: Graphic – About Us</p> <p>T1: Text – About Us T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Profile Page H7: Hyperlink – Address</p>

Storyboard / Page No.: 2

Title: Portfolio

SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
<p>The screen design consists of several rows of components:</p> <ul style="list-style-type: none">Row 1: A single box labeled H1 on the left, followed by a group of six boxes labeled H2 through H6.Row 2: A single box labeled G6.Row 3: A single box labeled G7.Row 4: A single box labeled G8.Row 5: A single box labeled T6.Row 6: Five boxes labeled G9 through G13.Row 7: Five boxes labeled T2, T3, T5, H7, and T4.	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>G6: Graphic – Product Picture1 G7: Graphic – Product Picture2 G8: Graphic – Product Picture3 T6: Text – More Products G9: Graphic – Product Picture4 G10: Graphic – Product Picture5 G11: Graphic – Product Picture6 G12: Graphic – Product Picture7 G13: Graphic – Product Picture8</p> <p>T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Profile Page H7: Hyperlink – Address</p>

Storyboard / Page No.: 3

Title: Shop Page

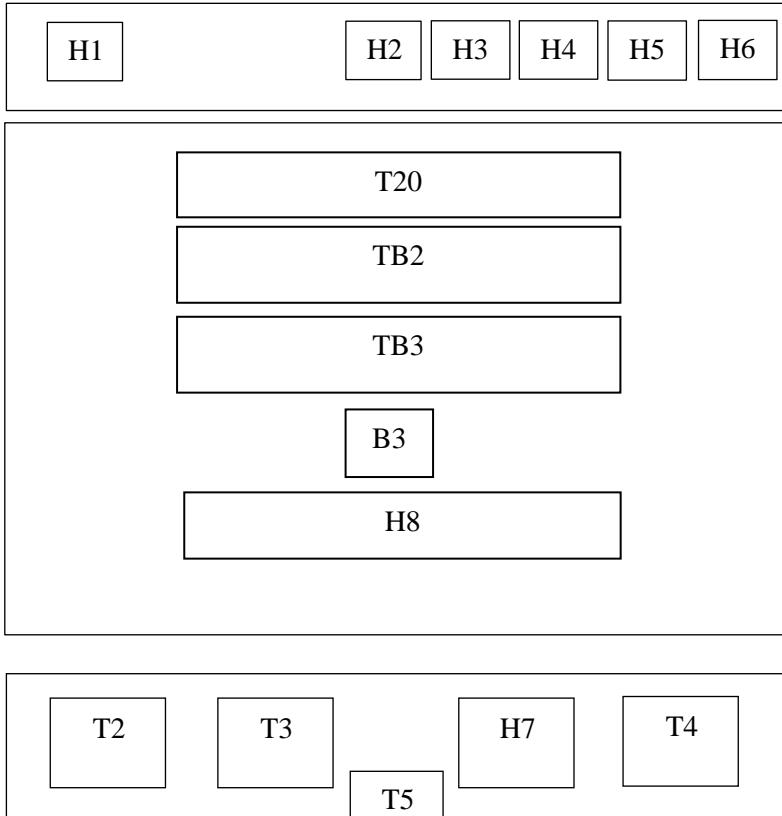
SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
<p>The storyboard diagram illustrates the layout of a shop page. At the top left is a box labeled H1. To its right is a row of five boxes labeled H2, H3, H4, H5, and H6. Below this row are three columns of boxes. The first column contains four boxes labeled G14, T7, T13, and N1 from top to bottom. The second column contains four boxes labeled G15, T8, T14, and N1 from top to bottom. The third column contains four boxes labeled G16, T9, T15, and N1 from top to bottom. In the center of the page is a large rectangular box labeled B1. At the bottom of the page are five boxes labeled T2, T3, T5, H7, and T4 from left to right.</p>	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>G14: Graphic – Product Picture9 G15: Graphic – Product Picture10 G16: Graphic – Product Picture11 G17: Graphic – Product Picture12 G18: Graphic – Product Picture13 G19: Graphic – Product Picture14</p> <p>T7: Text – Product Name1 T8: Text – Product Name2 T9: Text – Product Name3 T10: Text – Product Name4 T11: Text – Product Name5 T12: Text – Product Name6</p> <p>T13: Text – Product Price1 T14: Text – Product Price2 T15: Text – Product Price3 T16: Text – Product Price4 T17: Text – Product Price5 T18: Text – Product Price6</p> <p>B1: Button – Order N1: Number –Amount of product T2: Text – Follow Us T3: Text – Working Hour</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Profile Page H7: Hyperlink – Address</p> <p>N1: Select amount B1: Order</p>

	H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright	
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Storyboard / Page No.: 4
Title: Enquiry

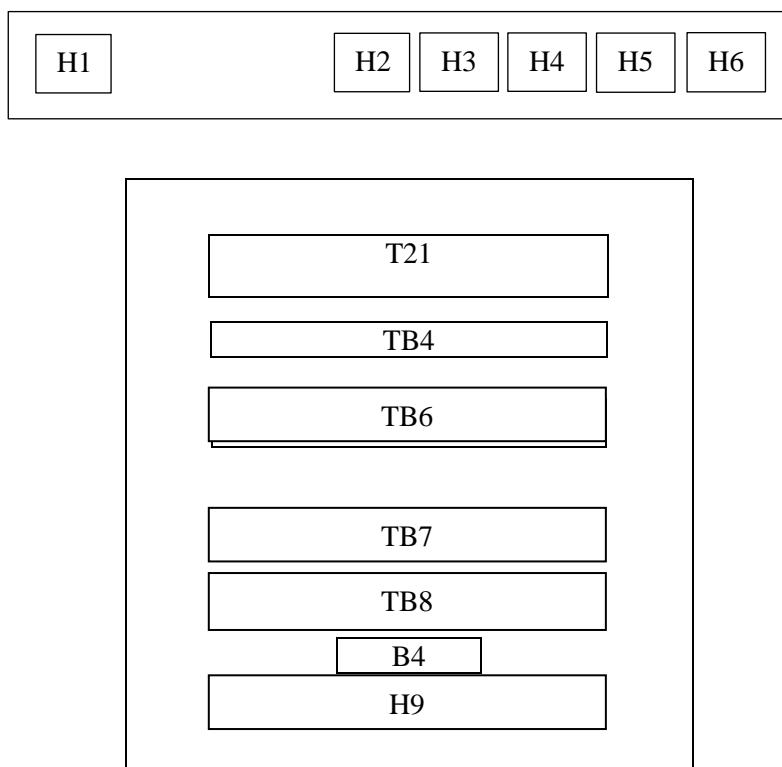
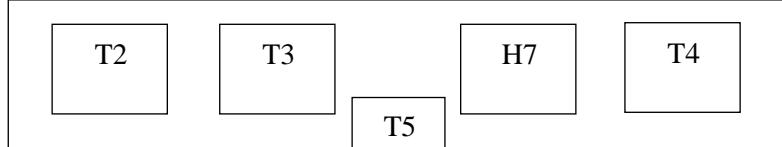
SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
<p>The storyboard diagram shows a user interface layout. At the top, there is a horizontal row of six buttons labeled H1 through H6. Below this is a large rectangular area containing two smaller rectangles: one labeled T19 and another labeled TB1, with a button B2 positioned below them. At the bottom, there is a row of five boxes labeled T2, T3, T5, H7, and T4 from left to right.</p>	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>T19: Text – Send Us a Message TB1: Textbox –Message B2: Button – Submit</p> <p>T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Profile Page H7: Hyperlink – Address</p> <p>TB1: Enter Message B2: Send message</p>

Storyboard / Page No.: 5
Title: Log in Page

SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
 <p>The storyboard diagram illustrates the layout of the Log in Page. At the top, there is a row of six small square boxes labeled H1 through H6. Below this is a large rectangular area containing three horizontal text input fields labeled T20, TB2, and TB3. In the center of this area is a small square button labeled B3. At the bottom of this section is a larger rectangular field labeled H8. The bottom part of the screen features a row of five rectangular boxes labeled T2, T3, T5, H7, and T4.</p>	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>T20: Text- Log in TB2: Textbox –Email TB3: Textbox –Password B3: Button – Log In H8: Hyperlink – Sign Up</p> <p>T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Log in Page H7: Hyperlink – Address</p> <p>TB2: Enter Email TB3: Enter Password B3: Go to Home Page H8: Go to Sign Up Page</p>

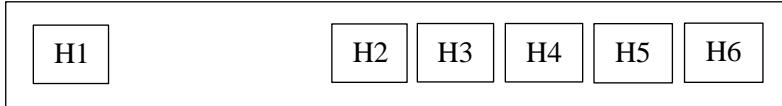
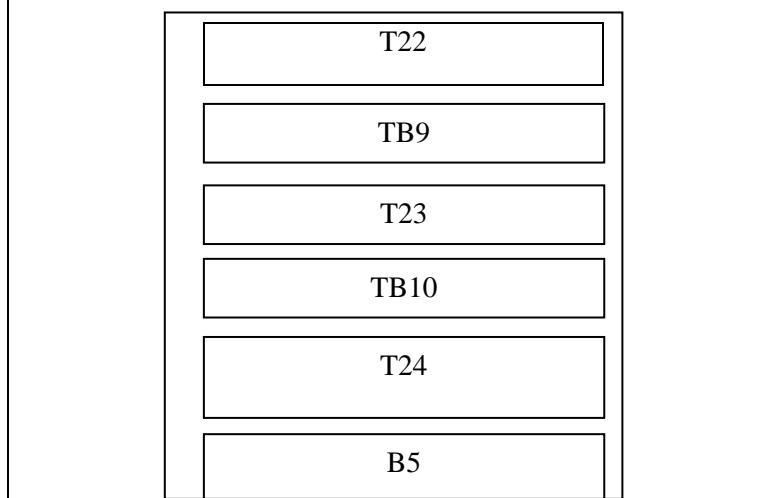
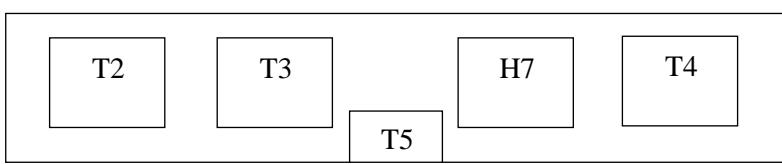
Storyboard / Page No.: 6

Title: Sign up Page

SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
 <p>The top navigation bar contains six hyperlinks labeled H1 through H6. The main content area contains a text input field (T21), three textboxes (TB4, TB6, TB7), two more textboxes (TB8, TB9), a button (B4), and a hyperlink (H9).</p>	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>T21: Text – Sign up TB4: Textbox – Name TB5: Textbox – Email TB6: Textbox – Password TB7: Textbox – Confirmed Password TB8: Textbox – Phone Number B4: Button – Sign up H9: Hyperlink – Log In</p> <p>T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Log in Page H7: Hyperlink – Address</p> <p>TB4: Enter Name TB5: Enter Email TB6: Enter Password TB7: Enter Confirmed Password TB8: Enter Phone Number</p> <p>B4: Button – Go to Log In page H9: Hyperlink – Go to Log In page</p>
 <p>The bottom footer section contains five links labeled T2, T3, T4, H7, and T5.</p>		

Storyboard / Page No.: 7

Title: Profile Info

SCREEN DESIGN	INTERFACES INSTRUCTION	ACTION / SCRIPT
  	<p>H1: Hyperlink – Home H2: Hyperlink – Home H3: Hyperlink – Portfolio H4: Hyperlink – Shop H5: Hyperlink – Enquiry H6: Hyperlink – Profile</p> <p>T22: Text - Profile Info TB9: Textbox- Edit Name T23: Text - Email TB10: Textbox- Edit Phone Number T24: Text - Order Summary B5: Button – Edit Profile</p> <p>T2: Text – Follow Us T3: Text – Working Hour H7: Hyperlink – Address T4: Text – Contact Us T5: Text – Copyright</p>	<p>H1: Go to Home Page H2: Go to Home Page H3: Go to Portfolio Page H4: Go to Shop Page H5: Go to Enquiry Page H6: Go to Profile Page H7: Hyperlink – Address</p> <p>TB9: Textbox- Enter edited name TB10: Textbox- Enter edited phone number B5: Edit Profile</p>

