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# **Group Project**

## **Subject: Basic Cross-Platform**

### **Application Programming With .NET**

***Selling Cakes***

**Prepared by Team 2 – SE1507**

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## Revision History

Name	Date	Reason For Changes	Version
Phuong	07 October 2021	Initial draft	1.0
Tuan	17 October 2021	Added Data dictionary: Cake & User	1.1
Kim	17 October 2021	Added Data dictionary: Order & Order details	1.2
Phuong	4 November 2021	Added Implementation on User	1.3
Vinh	5 November 2021	Added Implementation on Cake	1.4
Tuan	5 November 2021	Added Implementation on Order	1.5
Kim	5 November 2021	Updated Implementation on Order update	1.6
Kim	6 November 2021	Added Client Side Requirement	1.7
Phuong	6 November 2021	Added and Updated Class Diagram	1.8
Tuan & Kim	6 November 2021	Updated Implementation for Order	1.9
Vinh	6 November 2021	Updated Implementation for Cake	2.0

# 1. Case Study

The project is aimed at developing a cake management application by Winform (C#) which supports for the managers to manage a list of employees and cakes; and supports for the employees to sell cakes, make orders, and search orders or cakes.

## 1.1. Functions

Functions	Manager	Staff
Login	X	X
Logout	X	X
Create a user	X	
Update a profile	X	X
Inactive/Active a user	X	
View a user's profile	X	X
View a list of users	X	
Search a user by ID	X	
Search a user by Name	X	
Filter a user by status	X	
Create a cake	X	
Update a cake	X	
Inactive/Active a cake	X	
View a list of cake	X	X
Search a cake by ID	X	
Search a cake by name	X	
Filter a cake by status	X	
Create an order		X
Update a delivery order		X
Delete a order		X

View list of order		X
Search order by ???		X
Search order by price		X

### 1.2. Non-functions

No	Feature	Description
1	Authentication	The function is used to determine whether one user exists and be able to access the resources on the system or not.
2	Authorization	The function is used to check the user's role before redirecting them to an appropriate dashboard so that they can access appropriate resources on the system.
3	Data Validation	Validate information of users, orders, and cakes

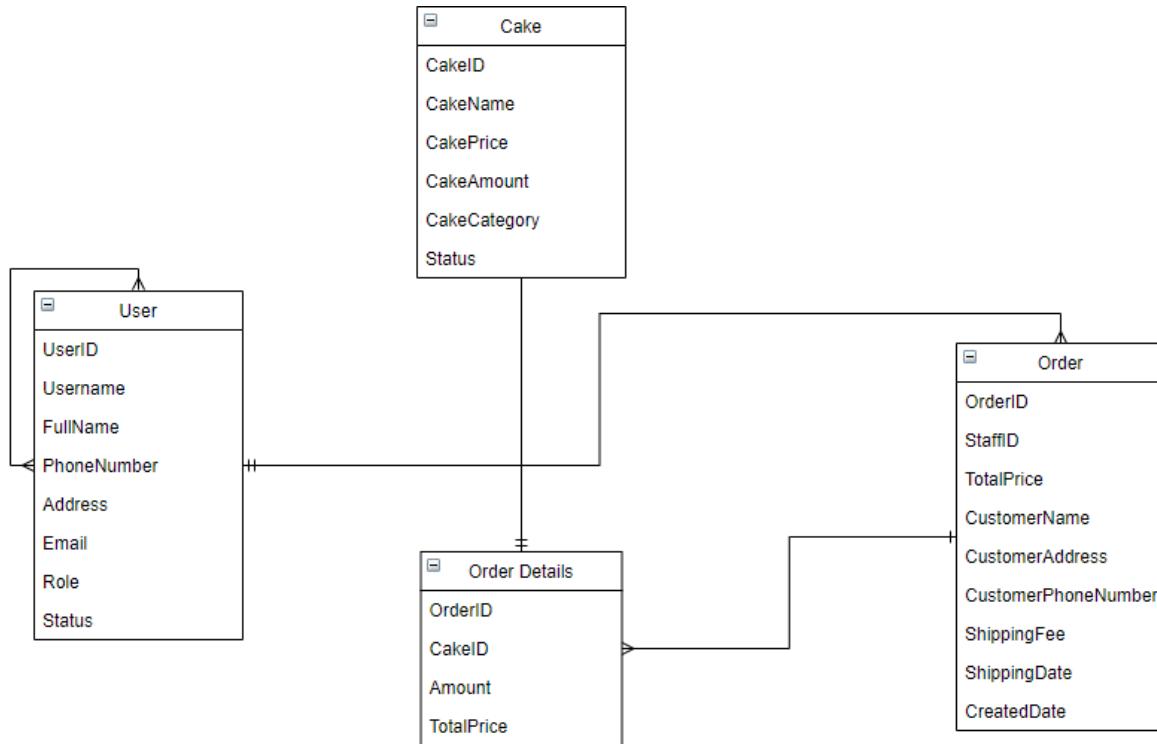
### 1.3. Business Rules

ID	Rule Definition	Type of Rule	Static or Dynamic	Source
BR-1	Manager and staff login by email and password	Constraint	Static	Administrator
BR-2	Username must be unique	Fact	Static	Administrator
BR-3	Phone number must be 10 numbers.	Constraint	Static	Vietnamese policy
BR-4	<b>4.1. Status of user:</b> 4.1.1. When the manager activates the inactive user, the status of the user will be “Active”. 4.1.2. When the manager inactive the active user, the status of the user will be “Inactive”. 4.1.3. The default status of new user is “Active”	Fact	Static	Administrator

	<p>4.1.4. Manager can inactive or active the staffs and other managers</p> <p>4.1.5. Manager cannot inactive themselves</p> <p>4.1.6. The inactive user cannot login into Cake Management.</p> <p><b>4.2. Status of cake:</b></p> <p>4.2.1. When the manager activates the inactive cake, the status of the cake will be “Active”.</p> <p>4.2.2. When the manager inactive the active cake, the status of the cake will be “Inactive”.</p> <p>4.2.3. The default status of the new cake is “Active”.</p> <p>4.2.4. The cake will not be shown or used when a staff makes order since the manager inactive it.</p>			
BR-5	Managers can create and update staff's information and theirs	Fact	Dynamic	Administrator
BR-6	Manager cannot update other managers' information	Fact	Dynamic	Administrator
BR-7	Staff can update their information except the role and the active account	Constraint	Dynamic	Administrator
BR-8	Cake Name must be unique	Fact	Static	Administrator
BR-9	The currency of price is Viet Nam Dong (VND)	Inference	Dynamic	Store policy
BR-10	10.1 Staff can create, and update the order. Updating order allows updating Customer's name and Phone number.	Fact	Static	Store Policy

	10.2 Staff create order details (cart)			
BR-11	<p><b>11.1. Takeaway order</b></p> <p>11.1.1. The type of order is takeaway when a customer takes a cake at the store.</p> <p>11.1.2. The shipping fee is 0 VND</p> <p>11.1.3. The address is ‘Quan 9’</p> <p>11.1.4. The shipping date is the current date</p> <p><b>11.2. Delivery order</b></p> <p>11.2.1. The type of order is delivered when the cake is delivered to the customer address and the shipping date is not the current date.</p> <p>11.2.2. The shipping fee is 30, 0000 VND</p> <p>11.2.3. The shipping date is date after create order</p>	Constraint	Static	Store Policy

## 2. Database Design



Cake				
Data Element	Description	Data Type/Composition	Length	Values
Cake ID	Unique identifier for a cake	integer	4	system-generated sequential integer, beginning with 1
Cake Name	Name of the cake	Alphabetic characters	50	Can contain whitespace character
Cake Price	The price of the cake	decimal	5-17	Can only be between 1 to 10 000 000 VND
Cake Amount	The amount left in stock for the cake	integer	4	Between 1 to 100
Cake Category	Specify the category of the cake	Alphabetic characters	50	

Status	Status of cake, show if the cake is available to buy right now or not, with the value true show that the cake is available to buy right now and false is not	Bit	1	
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<b>User</b>				
<b>Data Element</b>	<b>Description</b>	<b>Data Type/ Composition</b>	<b>Length</b>	<b>Values</b>
User ID	Unique Identifier for a user in the system	integer	4	system-generated sequential integer, beginning with 1
Username	The username of the user	Alphanumeric	50	Can contain number and special characters and not white space
Fullscreen	Full Name of the user	Alphabetic Characters	30	Can contain white space, and no special character or numbers (UTF-8)
Phone Number	The user Phone Number	Number	10	Can only contain number
Address	The user home Address	Alphabetic Characters	50	Can contain whitespace and this "/" special character (UTF-8)
Email	Email of the user	Alphabetic Characters	50	Follow the email format as abc@xyz.t(.v) with everything in () can be optional
Role	Role of the user in the system (with Admin role the user will be able to perform management task for cake and user, while with staff role the user will only be able to	Alphabetic Characters	25	Admin, Staff

	manage the orders)			
Status	The status of the account, with the value true the account is active and can login the system and with false they can't login	Bit	1	

Order				
Data Element	Description	Data type/ Composition	Length	Values
OrderID	Unique identifier of order	Integer	4	System generated, sequential integers, starting from 1
StaffID	Unique identifier number for Staff	Integer	4	System generated beginning from 1
Total Price	Total price of the order	money	8	Calculate with VND
Customer Name	Customer name of the order	Alphabetic characters	50	Can contain whitespaces, not allowed special characters or numbers (UTF-8)
Customer address	Customer address of the order	Alphabetic characters	50	Can contain whitespaces, character “,” and “/” and numbers, not allowed special characters (UTF-8)
Customer phone number	Phone number of customer	Integer	10	Must be exactly 10 numbers.
Shipping fee	Shipping fee of the order	Decimal	5-17	Can only accept 2 value “0” and “30000”
Shipping date	Shipping date of the order	Date	3	Cannot be sooner than the time of CreatedDate

CreatedDate	Date the order was created	Date	3	System generated at time of order creation
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Order Details				
Data Element	Description	Data type/ Composition	Length	Values
Order ID	Unique identifier of order	Integer	4	System generated, sequential integer, starting from 1 and is referenced from Order table
Cake ID	Unique identifier of cake	Integer	4	System generated, sequential integer, starting from 1 and is referenced from Cake table
Amount	The number of cakes the customer ordered	Integer	4	When this value is initialized/ created, this value cannot be bigger than stock of cake
Total Price	Total price of the order	Decimal	5-17	Calculate with VND

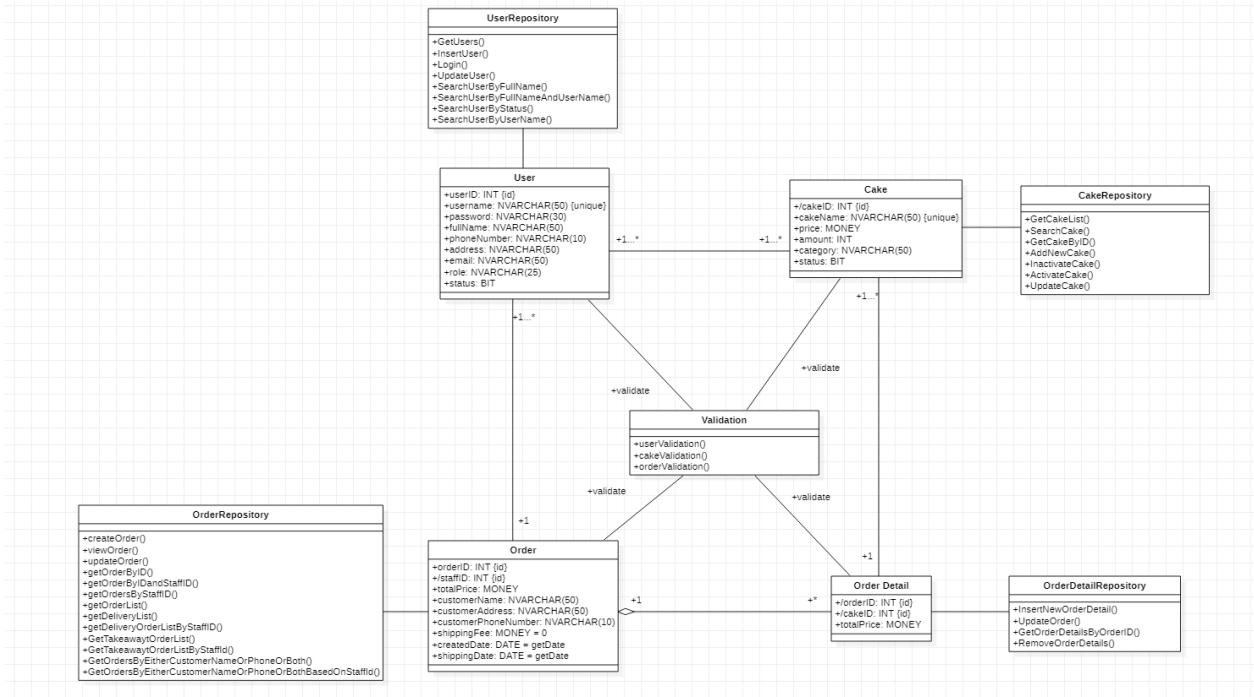
### 3. System Architecture

#### A. Client-side requirements:

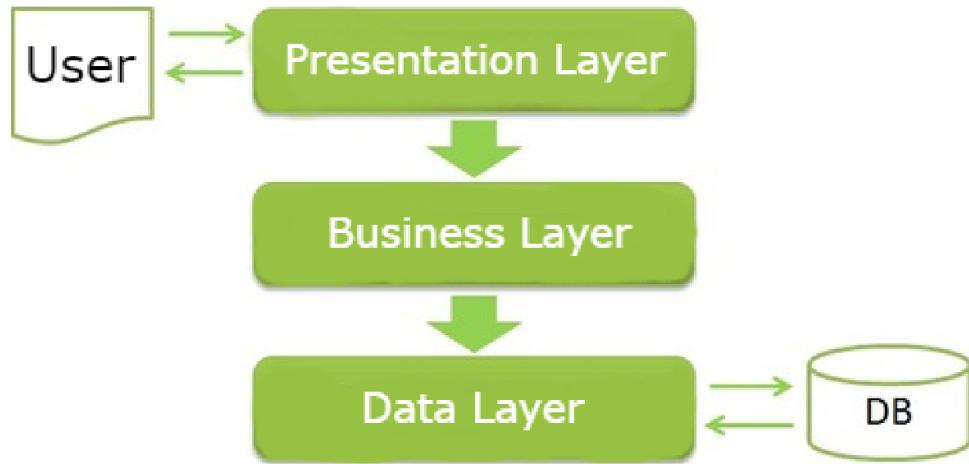
- A personal computer with the following minimum specifications:

- An x86 or x64 processor
- 512MB of RAM
- 5GB of free storage space
- Softwares required:
  - Operating system: Microsoft Windows 7 or Higher
  - Microsoft SQL Server
  - .NET Framework 5.0
- This software is written with Vietnamese users in mind.
- The database will be hosted locally on the user's computer.

## B. Class Diagram



## C. System Architecture



## 4. Implementation

### A. User

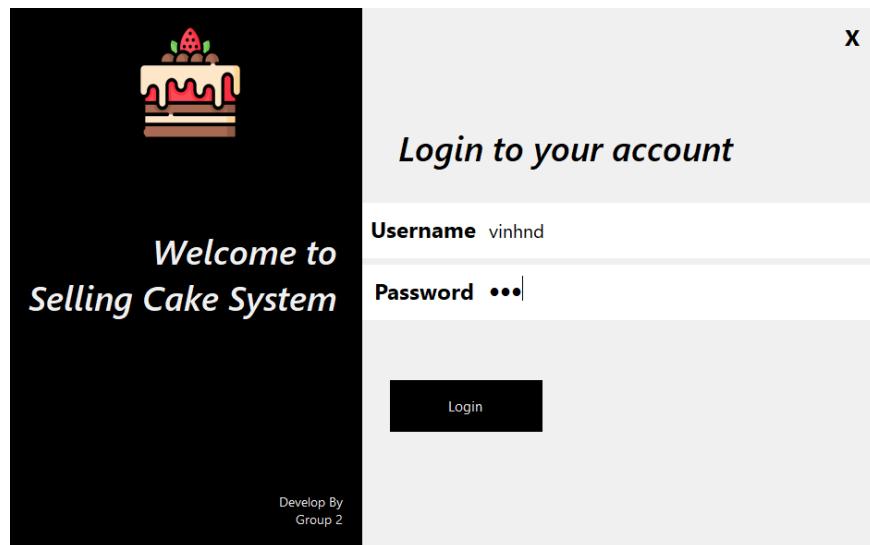
#### 1.1. Login

##### 1.1.1. Manager

###### a. Description

Managers login by their username and password. Their information shall be checked if the account exists or not. If it exists, managers could go to the main form. Otherwise, the error message will be displayed on the screen.

###### b. Screenshot



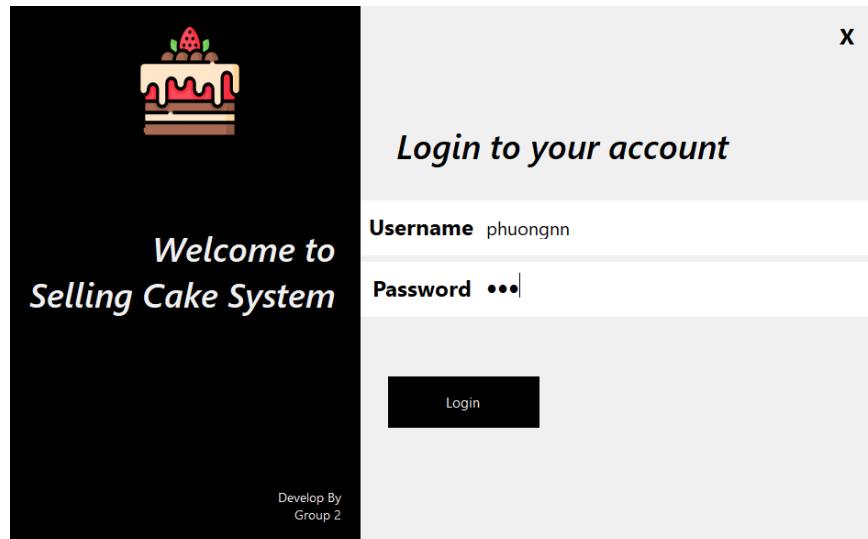


### 1.1.2. Staff

#### a. Description

Staff logins by their username and password. The information shall be checked if the account existed or not. If it exists, staff could go to the main form. Otherwise, the error message will be displayed on the screen.

#### b. Screenshot





## 1.2. Logout

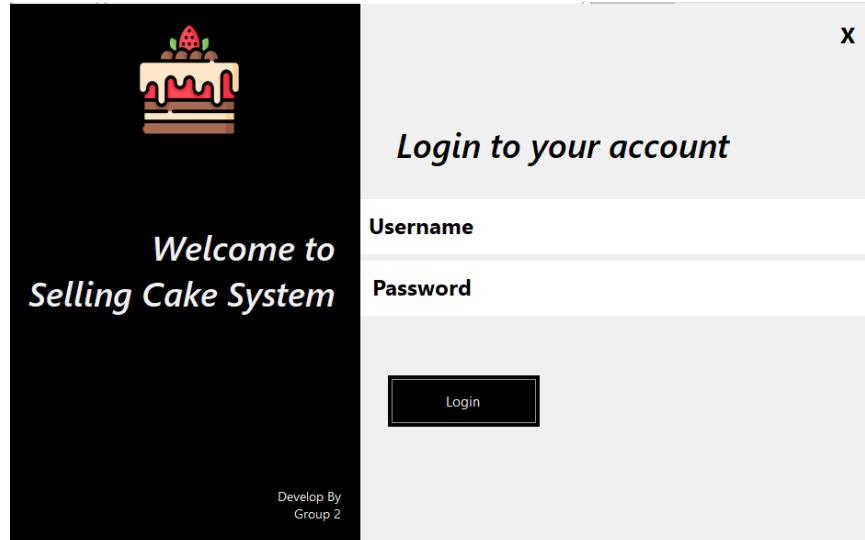
### 1.2.1. User

#### a. Description

The user clicks the logout button. The main form closes, then the login form appears.

#### b. Screenshot





### 1.3. Create a user

#### 1.3.1. Manager

##### a. Description

Managers could create a user if they login successfully. They click the “Add” button in the Staff List form. The create form will appear, and they shall fill out the information of a new user. When they click the “Add” button, the information will be checked. If the information is valid and does not exist, the information will be added.

##### b. Screenshot

	ID	Username	Full Name	Email	Phone Number	Password	Address
▶	1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
	2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
	3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
	4	tuantrm	Truong Minh Tu...	tuantrmse@gma...	0799691235	456	Binh Th...
	5	kimnvse	Nguyen Vo Kim	kimnvse@gmail...	0799691235	456	Quan 4
	6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
	7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9
*							

The screenshot shows a software application window. At the top, there is a 'Create' dialog box titled 'User's information'. It contains fields for Username ('kylq'), Full Name ('Le Quang Ky'), Email ('kylq@gmail.com'), Password ('456'), Phone Number ('0405123456'), and Address ('Quan 9'). Below this is a staff list table with columns: ID, Username, Full Name, Email, Phone Number, Password, and Address. The table has 7 rows. Row 7, which corresponds to the user 'kylq', is highlighted with a red border. To the right of the table is a sidebar with links: 'Cake List', 'Staff List', 'Order List', 'Profile', and 'Logout'. A small icon of a cake is also present.

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
4	tuantm	Truong Minh Tu...	tuantmse@gma...	0799691235	456	Binh Ta...
5	kimnvse	Nguyen Vo Kim	kimnvse@gmai...	0799691235	456	Quan 4
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Un...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9

## 1.4. Update a profile

### 1.4.1. Manager

#### 1.4.1.1. Update a staff's profile and their profile in Staff List

##### a. Description

Managers could update a staff's profile or theirs if they login successfully. They click the Staff List, the Staff List form will appear. They double click one of the users to be updated. The update form will be popped up, they could edit the user's information. When they click the Save button, the information will be checked before updating and announcing the message that update successfully. Otherwise, the error message will appear under the wrong fields.

##### b. Screenshot

The screenshot displays two windows of a web application. The top window is titled 'Staff List' and shows a table of staff members with columns: ID, Username, Full Name, Email, Phone Number, Password, and Address. A row for staff member ID 3, Username phuongnn, is selected and highlighted in blue. The bottom window is titled 'Update' and shows a form for updating user information. The form fields include: Username (phuongnn), Full Name (Nguyen Ngoc Phuong), Email (phuongnn@gmail.com), Password (123456), Phone Number (0799691235), Address (Binh Thanh), Role (Staff), and Status (Active). At the bottom of the update form are 'Save' and 'Cancel' buttons.

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
4	tuanmt	Truong Minh Tu...	tuanmtse@gma...	0799691235	456	Binh Tai...
5	kimmse	Nguyen Vo Kin...	kimmse@gmail...	0799691235	456	Quan 4...
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9...
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...
*						

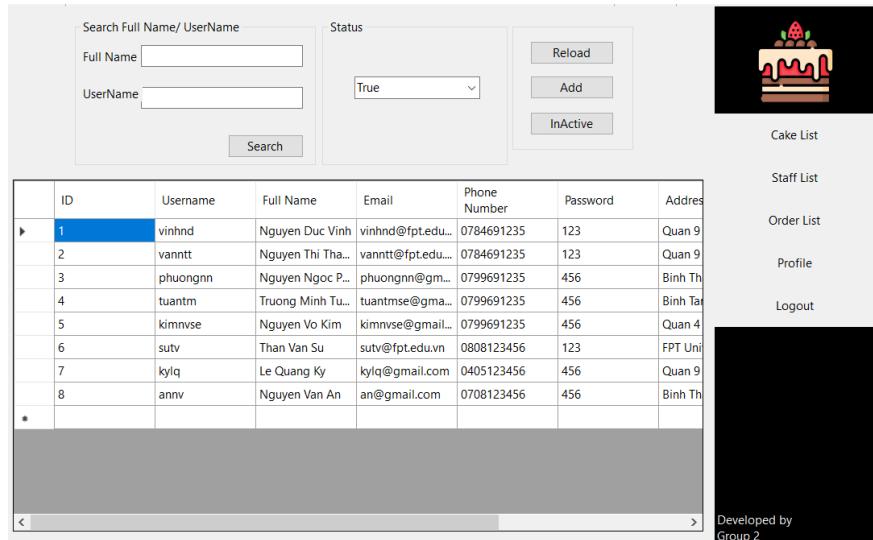
Developed by Group 2

### 1.4.1.2. Update their profile in Profile

#### a. Description

Managers could update their profile if they login successfully. They click the Profile and the Profile form will appear. Then they could edit the user's information. When they click the Save button, the information will be checked before updating and announcing the message that update successfully. Otherwise, the error message will appear under the wrong fields.

#### b. Screenshot



Search Full Name/ UserName

Full Name:

User Name:

Status:

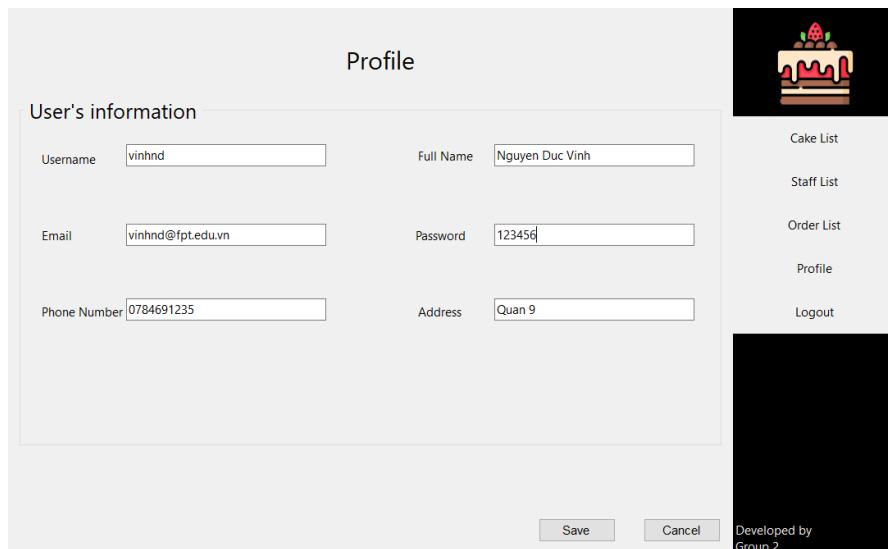
Buttons: Reload, Add, InActive

ID	ID	Username	Full Name	Email	Phone Number	Password	Address
	1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
	2	vannit	Nguyen Thi Tha...	vannit@fpt.edu...	0784691235	123	Quan 9
	3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
	4	tuantm	Truong Minh Tu...	tuantmse@gma...	0799691235	456	Binh Th...
	5	kimmvse	Nguyen Vo Kim	kimmvse@gmail...	0799691235	456	Quan 4
	6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
	7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9
	8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...
*							

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Cake List  
Staff List  
Order List  
Profile  
Logout

Developed by Group 2



Profile

User's information

Username: <input type="text" value="vinhnd"/>	Full Name: <input type="text" value="Nguyen Duc Vinh"/>
Email: <input type="text" value="vinhnd@fpt.edu.vn"/>	Password: <input type="text" value="123456"/>
Phone Number: <input type="text" value="0784691235"/>	Address: <input type="text" value="Quan 9"/>

Buttons: Save, Cancel

Cake List  
Staff List  
Order List  
Profile  
Logout

Developed by Group 2

#### 1.4.2. Staff

##### a. Description

Staffs could update their profile if they login successfully. They click the Profile and the Profile form will appear. Then they could edit their information. When they click the Save button, the information will be checked before updating and announcing the message that update successfully. Otherwise, the error message will appear under the wrong fields.

##### b. Screenshot



The screenshot shows a 'Profile' edit screen. It has a header 'Profile' and a section 'User's information' containing fields for Username (phuongnn), Full Name (Nguyen Ngoc Phuong), Email (phuongnn@gmail.com), Password (123456), Phone Number (0799691235), and Address (Binh Thanh). At the bottom are 'Save' and 'Cancel' buttons. To the right is a vertical navigation menu with icons: a cake for Order, a person for Profile (which is highlighted), and a power button for Logout. At the bottom right of the page is a dark box with the text 'Developed by Group 2'.

## 1.5. Inactive a user

### 1.5.1. Manager

#### a. Description

Managers could inactive other users if they login successfully. They click the Staff List, the Staff List form will appear. Then they choose one of the users (except themselves), click the Inactive button. The dialog will be popped up to confirm whether they would inactive this user or not. If they click the Ok button of dialog, the status of selected user will be changed into False and disappear from the list which only displays the active users. The inactive user cannot login anymore. Otherwise, that user will not be changed.

#### b. Screenshot

Search Full Name/ UserName

Full Name	Status	Reload
User Name	True	Add
		InActive

Search

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vannnt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
4	tuanmt	Truong Minh Tu...	tuantmse@gma...	0799691235	456	Binh Ta...
5	kimnvse	Nguyen Vo Kim	kimnvse@gmail.com	0799691235	456	Quan 4...
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9...
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...
*						

< >

Cake List  
Staff List  
Order List  
Profile  
Logout

Developed by Group 2

Search Full Name/ UserName

Full Name	Status	Reload
User Name	True	Add
		InActive

Search

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen				Quan 9
2	vanntt	Nguyen				Quan 9
3	phuongnn	Nguyen				Binh Th...
4	tuanmt	Truong				Binh Ta...
5	kimnvse	Nguyen				Quan 4...
6	sutv	Than				FPT Uni...
7	kylq	Le Quang				Quan 9...
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...
*						

InActive a user
X

Do you want to inactive Nguyen Ngoc Phuong?

OK Cancel

< >

Cake List  
Staff List  
Order List  
Profile  
Logout

Developed by Group 2

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
4	tuantm	Truong Minh Tu...	tuantmse@gma...	0799691235	456	Binh Ta...
5	kimnvse	Nguyen Vo Kim	kimnvse@gmail...	0799691235	456	Quan 4
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kyle@gmail.com	0405123456	456	Quan 9
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...

Welcome to  
Selling Cake System

Login to your account

Username phuongnn

Password •••

Your account has been banned!

Login

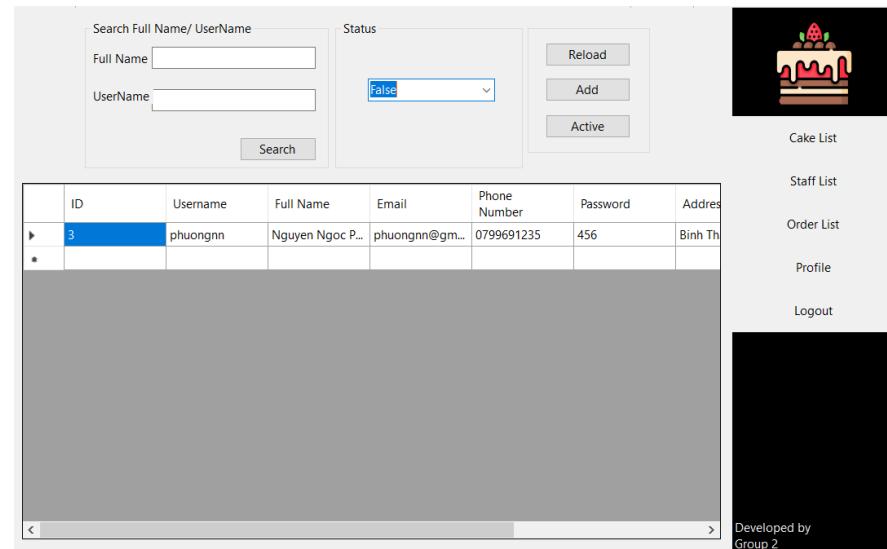
## 1.6. Active a user

### 1.6.1. Manager

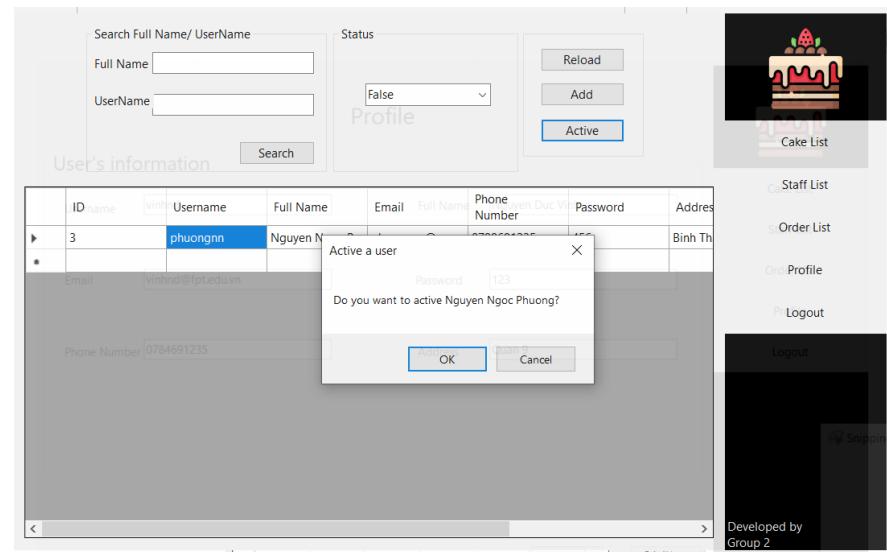
#### a. Description

Managers could activate other users if they login successfully. They click the Staff List, the Staff List form will appear. Then they choose False of the Status filter, choose the user to be active, click the Active button. The dialog will be popped up to confirm whether they would activate this user or not. If they click the Ok button of dialog, the status of the selected user will be changed into True and appear on the list which only displays the active users. Otherwise, that user will not be changed.

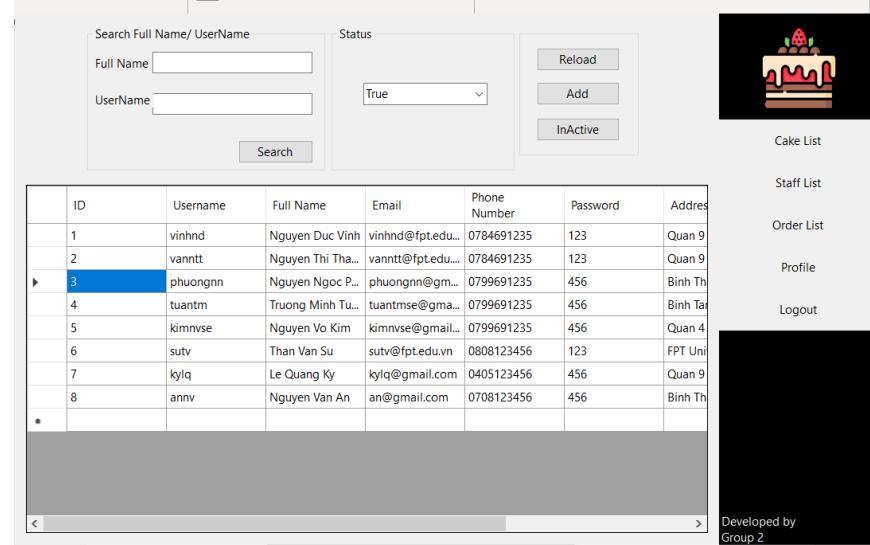
#### b. Screenshot



The screenshot shows a user management interface. On the left, there is a search bar with fields for 'Search Full Name/ UserName', 'Full Name', and 'UserName'. Below it is a table with columns: ID, Username, Full Name, Email, Phone Number, Password, and Address. A row is selected, showing ID 3, Username 'phuongnn', Full Name 'Nguyen Ngoc P...', Email 'phuongnn@gm...', Phone Number '0799691235', Password '456', and Address 'Binh Th...'. On the right, there are buttons for 'Status' (set to 'False'), 'Reload', 'Add', and 'Active'. To the right of the table is a sidebar with icons for Cake List, Staff List, Order List, Profile, and Logout. At the bottom right is a note: 'Developed by Group 2'.



This screenshot is similar to the one above, but a modal dialog box titled 'Active a user' is displayed in the center. It contains the message 'Do you want to active Nguyen Ngoc Phuong?' with 'OK' and 'Cancel' buttons. The rest of the interface and sidebar are visible in the background.



The screenshot shows a user profile management interface. At the top left is a search bar with fields for 'Search Full Name/ UserName', 'Full Name', and 'UserName'. To its right are dropdown menus for 'Status' (set to 'True') and buttons for 'Reload', 'Add', and 'InActive'. On the far right is a small icon of a cake with strawberries.

**User List Table:**

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vannntt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gmail...	0799691235	456	Binh Th...
4	tuanntm	Truong Minh Tu...	tuantmse@gmail...	0799691235	456	Binh Th...
5	kimnvse	Nguyen Vo Kim	kimnvse@gmail...	0799691235	456	Quan 4
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...
*						

At the bottom right of the main window, it says 'Developed by Group 2'.

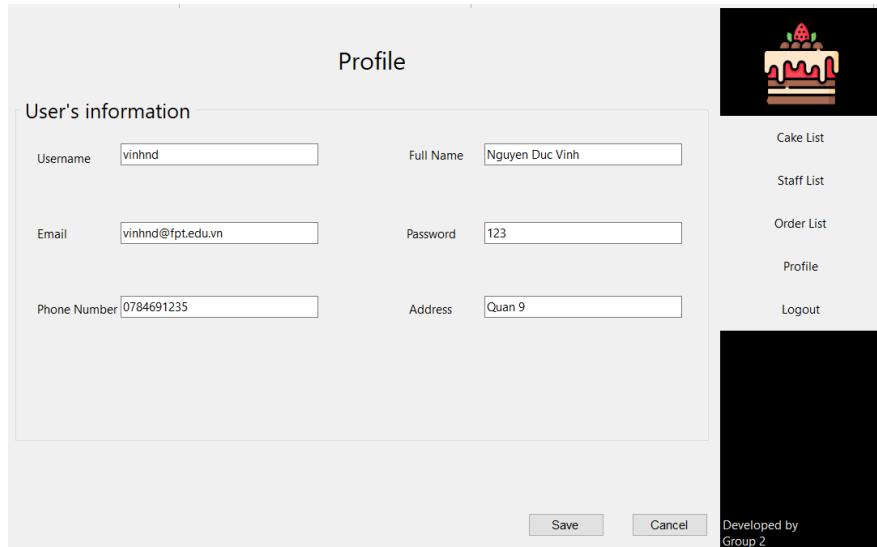
## 1.7. View a user's profile

### 1.7.1. Manager

#### a. Description

Managers could view their profiles if they login successfully. They click the Profile and the Profile form will appear.

#### b. Screenshot



The screenshot shows a profile update form titled 'Profile'. It has a header 'User's information' and contains the following fields:

- Username: vinhnd
- Full Name: Nguyen Duc Vinh
- Email: vinhnd@fpt.edu.vn
- Password: 123
- Phone Number: 0784691235
- Address: Quan 9

At the bottom are 'Save' and 'Cancel' buttons. On the right side of the window, there is a sidebar with icons for 'Cake List', 'Staff List', 'Order List', 'Profile', and 'Logout', along with a 'Developed by Group 2' footer.

### 1.7.2. Staff

#### a. Description

Staffs could update their profile if they login successfully. They click the Profile and the Profile form will appear.

#### b. Screenshot

Profile

User's information

Username	phuongnn	Full Name	Nguyen Ngoc Phuong
Email	phuongnn@gmail.com	Password	123456
Phone Number	0799691235	Address	Binh Thanh

Save Cancel

Order

Profile

Logout

Developed by Group 2

## 1.8. View a list of users

### 1.8.1. Manager

#### a. Description

Managers could view profiles if they login successfully. They click the Staff List, the Staff List form will appear.

#### b. Screenshot

Search Full Name/ UserName

Full Name	Status	Reload
UserName	True	Add
		Active

Search

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vannnt	Nguyen Thi Tha...	vannnt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gma...	0799691235	456	Binh Th...
4	tuanmt	Truong Minh Tu...	tuantmse@gma...	0799691235	456	Binh Th...
5	kimnvse	Nguyen Vo Kim	kimnvse@gmail...	0799691235	456	Quan 4
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9

Cake List

Staff List

Order List

Profile

Logout

Developed by Group 2

## 1.9. Search a user by Full name

### 1.9.1. Manager

#### a. Description

Managers could search users by full name if they login successfully. They click the Staff List, the Staff List form will appear. Then type the name they would find in the text box of full name and click the Search button. The result will be displayed if there are full names containing the searching keywords. Otherwise, the dialog will be displayed with the message that there is no result matching with the full name.

### b. Screenshot

The screenshot shows a Windows application window titled "Staff List". On the left, there is a search panel with fields for "Full Name" (containing "Nguyen") and "UserName", and dropdown menus for "Status" (set to "True") and "Address" (set to "Active"). Below the search panel is a "Search" button. To the right of the search panel is a table listing user data. The table has columns: ID, Username, Full Name, Email, Phone Number, Password, and Address. The data in the table is as follows:

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
4	tuantrn	Truong Minh Tu...	tuantrnse@gma...	0799691235	456	Binh Ta...
5	kimmvse	Nguyen Vo Kim	kimmvse@gmail...	0799691235	456	Quan 4
6	sutv	Than Van Su	sutv@fpt.edu.vn	0808123456	123	FPT Uni...
7	kylq	Le Quang Ky	kylq@gmail.com	0405123456	456	Quan 9
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...

At the bottom right of the application window, there is a logo of a cake and some navigation links: "Cake List", "Staff List", "Order List", "Profile", and "Logout". A watermark at the bottom right says "Developed by Group 2".

This screenshot is identical to the one above, showing the same search interface and user data table. The difference is that the search results table is currently empty, indicating that no users were found with the name "Nguyen". The watermark "Developed by Group 2" is also present at the bottom right.

## 1.10. Search a user by Username

### 1.10.1. Manager

#### a. Description

Managers could search users by username if they login successfully. They click the Staff List, the Staff List form will appear. Then type the name they would find

in the text box of username and click the Search button. The result will be displayed if there are usernames containing the searching keywords. Otherwise, the dialog will be displayed with the message that there is no result matching with the username.

### b. Screenshot

The screenshot shows a user search interface. At the top, there are two input fields: 'Full Name' and 'UserName', both containing 'nn'. Below them is a 'Search' button. To the right is a 'Status' dropdown set to 'True', and three buttons: 'Reload', 'Add', and 'Active'. On the far right, there is a sidebar with icons for 'Cake List', 'Staff List', 'Order List', 'Profile', and 'Logout'. The main area displays a table of user data:

ID	Username	Full Name	Email	Phone Number	Password	Address
1	vinhnd	Nguyen Duc Vinh	vinhnd@fpt.edu...	0784691235	123	Quan 9
2	vanntt	Nguyen Thi Tha...	vanntt@fpt.edu...	0784691235	123	Quan 9
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
5	kimmvse	Nguyen Vo Kim	kimmvse@gmail...	0799691235	456	Quan 4
8	annv	Nguyen Van An	an@gmail.com	0708123456	456	Binh Th...

At the bottom right of the table is a 'Developed by Group 2' watermark.

This screenshot is identical to the one above, showing the same search interface and user data table. The results for 'nn' are the same: users 1, 2, 3, 5, and 8. The sidebar and watermark are also present.

## 1.11. Filter a user by status

### 1.11.1. Manager

#### a. Description

Managers could search users by status if they login successfully. They click the Staff List, the Staff List form will appear. Then choose the status they would find for in the filter of status (true, false). The result will be displayed if there are

username containing the searching keywords. Otherwise, there is no result to be displayed.

#### b. Screenshot

The screenshot shows a user management interface. On the left, there is a search form with fields for 'Search Full Name/ UserName', 'Full Name', 'UserName', and a dropdown 'Status' set to 'False'. Below the search form is a table listing users:

ID	Username	Full Name	Email	Phone Number	Password	Address
3	phuongnn	Nguyen Ngoc P...	phuongnn@gm...	0799691235	456	Binh Th...
*						

On the right side of the interface, there is a sidebar with icons for 'Cake List', 'Staff List', 'Order List', 'Profile', and 'Logout'. At the bottom right, it says 'Developed by Group 2'.

## B.Cake (This is only for Manager Role)

### 2.1. Loading Cake List

#### a. Description:

This form is open by clicking on the “Cake List” button. It will load all cakes in the store (default activated cake) for the manager to view and edit.

#### b. Screenshot:

The screenshot shows a cake management interface. On the left, there is a search form with fields for 'ID', 'Name', and a dropdown 'Status' set to 'Active'. Below the search form is a table listing cakes:

ID	Name	Price	Amount	Category	Status
1	Tiramisu	100000.0000	0	Desert	Active
2	Gato	150000.0000	5	Desert	Active
3	Gateaux	90000.0000	1	Cheese Cake	Active
4	Mousse	50000.0000	4	Desert	Active
5	Ice Cream Cake	120000.0000	5	Desert	Active
6	Butterfly Flower ...	30000.0000	12	Cookie	Active
7	Coconut Cookie	20000.0000	10	Cookie	Active
9	Corn Cheese C...	50000.0000	6	Cheese Cake	Active
11	Cheese Tart	35600.0000	20	Cheese Cake	Active
*					

On the right side of the interface, there is a sidebar with icons for 'Cake List', 'Staff List', 'Order List', 'Profile', and 'Logout'. At the bottom right, it says 'Developed by Group 2'.

## 2.2. Reload Cake List

### a. Description:

Manager clicking on the “Reload” button, it will reload all components in the form and update the list if the list has been changed.

### b. Screenshot:

The screenshot shows a user interface for managing a cake list. At the top left is a search bar with fields for ID and Name, and dropdowns for Status (Active) and a Reload button. To the right is a small image of a cake and a sidebar with links: Cake List, Staff List, Order List, Profile, and Logout. Below the search bar is a table with columns: ID, Name, Price, Amount, Category, and Status. The table contains 11 rows of cake data. A sidebar on the left lists IDs from 1 to 11. At the bottom right is a note: "Develop by Group 2".

ID	Name	Price	Amount	Category	Status
1	Tiramisu	100000.0000	0	Desert	Active
2	Gato	150000.0000	5	Desert	Active
3	Gateaux	90000.0000	1	Cheese Cake	Active
4	Mousse	50000.0000	4	Desert	Active
5	Ice Cream Cake	120000.0000	5	Desert	Active
6	Butterfly Flower ...	30000.0000	12	Cookie	Active
7	Coconut Cookie	20000.0000	10	Cookie	Active
9	Corn Cheese C...	50000.0000	6	Cheese Cake	Active
11	Cheese Tart	35600.0000	20	Cheese Cake	Active

## 2.3. Add Cake

### a. Description:

Manager clicking on the “Add” button, a cake’s details fill in form pop up will appear and manager fill in all the details then click add to add cake to the list.

### b. Screenshot:

The screenshot shows a modal dialog box titled "Add" for adding a new cake. It includes a search bar at the top left and a sidebar on the left with IDs 1 through 11. The main area is labeled "Cake Information" and contains fields for Name, Category (a dropdown menu), Price, and Amount. At the bottom are "Add" and "Cancel" buttons. To the right is a sidebar with links: Cake List, Staff List, Order List, Profile, and Logout. At the bottom right is a note: "Develop by Group 2".

## 2.4. Update Cake

### a. Description:

Managers could update cakes if they login successfully. They double click the cake they want to update in the list and the Cake Detail form will be popped up. Then they could edit the cake's information. When they click the Save button, the information will be checked before updating. If the input is wrong, the error message will appear under the wrong fields. Otherwise, the list will update the list to match the updated.

**b. Screenshot:**

The screenshot shows a 'Cake Information' dialog box over a list of cakes. The list on the left has an item with ID 1 selected. The dialog box contains fields for Name (Tiramisu), Category (Desert), Price (100000.0000), Amount (10), and Status (Active). Buttons for Save and Cancel are at the bottom. A sidebar on the right includes links for Cake List, Staff List, Order List, Profile, and Logout, along with a logo of a cake.

ID
1
2
3
4
5
6
7
9
11
*

**Cake Information**

Name	Tiramisu	Category	Desert
Price	100000.0000	ID	1
Amount	10	Status	Active

Save Cancel

Cake List  
Staff List  
Order List  
Profile  
Logout

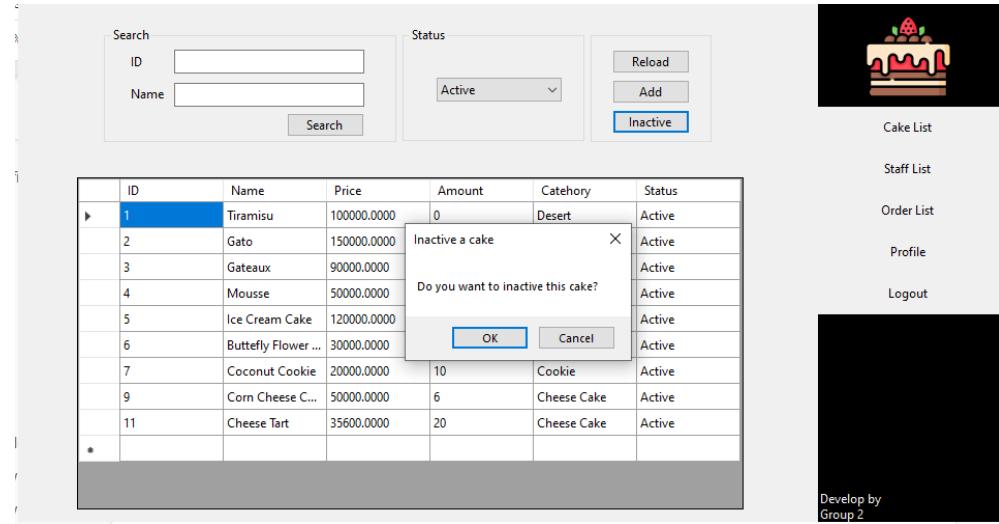
Develop by Group?

## 2.5. Inactivate Cake

**a. Description:**

Managers could deactivate cakes if they login successfully. They click the cake they want to deactivate in the list then click the “Inactive” button, a pop up will appear and ask for your confirmation to deactivate that cake. The list will reload to match the updated.

**b. Screenshot:**

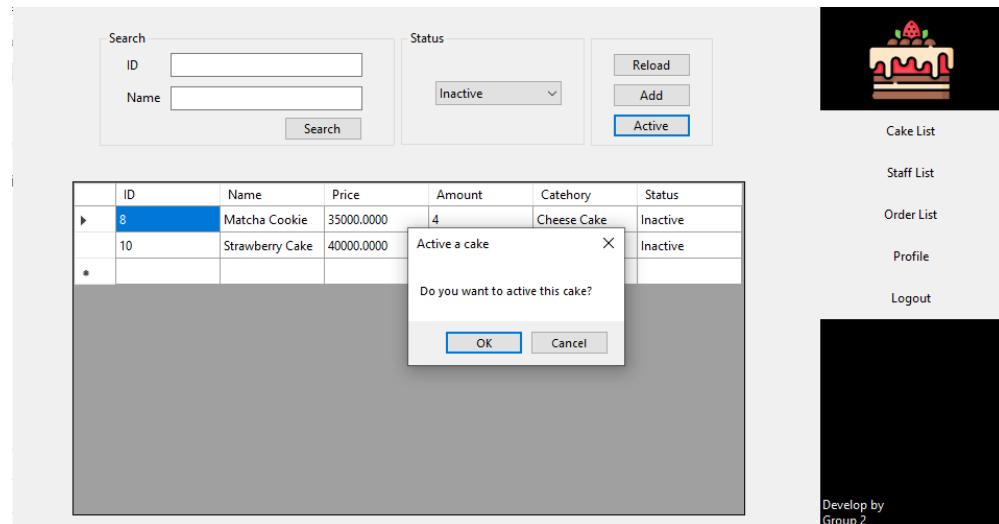


## 2.6. Activate Cake

### a. Description:

Managers could activate cakes if they login successfully. They click the cake they want to activate in the list then click the “Active” button, a pop up will appear and ask for your confirmation to activate that cake. The list will reload to match the updated.

### b. Screenshot:



## 2.7. Search Cake

### a. Description:

Managers could search cakes if they login successfully. Input either cake ID, Name or both then click “Search”. If there are cakes that match then the form will show the result on the data grid view if not a message “No result found” will be shown.

### b. Screenshot:

The screenshot shows a user interface for searching cakes. On the left, there is a search form with fields for 'ID' (containing '1') and 'Name' (containing 'Tira'), a dropdown for 'Status' (set to 'Active'), and buttons for 'Reload', 'Add', and 'Inactive'. Below the form is a data grid displaying a single row of cake information:

ID	Name	Price	Amount	Category	Status
1	Tiramisu	100000.0000	10	Desert	Active

To the right of the search interface is a sidebar with icons and links:

- Cake List**: Shows an icon of a cake with strawberries.
- Staff List**
- Order List**
- Profile**
- Logout**

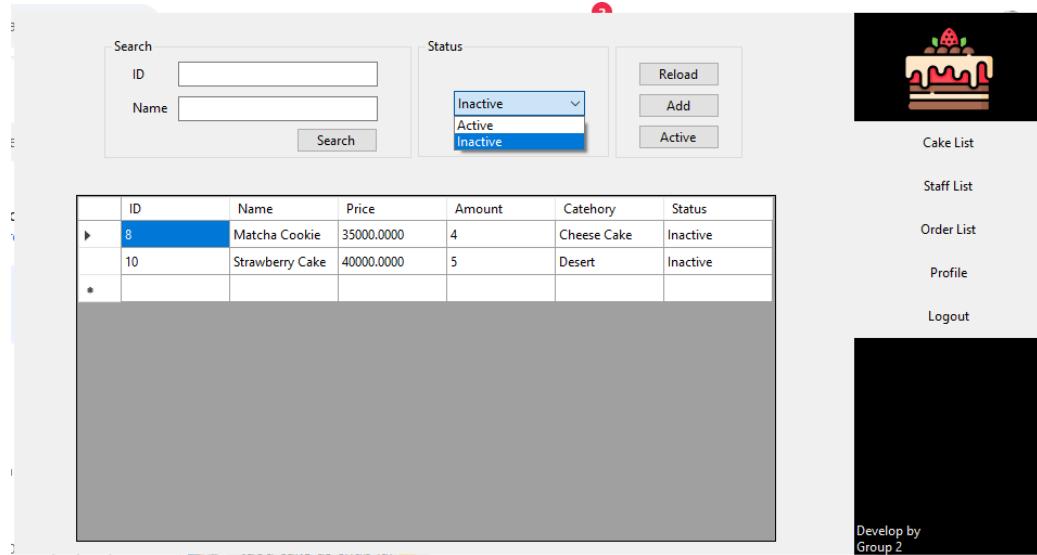
At the bottom right of the sidebar is the text "Develop by Group 2".

## 2.8. Switch List View Status

### a. Description:

Managers could switch view cakes list status if they login successfully. Choose status on the combo box in the form then the form will show the result on the data grid view if not a message “No result found” will be shown.

### b. Screenshot:



## C.Order

### 3.1 View List of Order (Manager and Staff)

#### a. Description

- Users if they login successfully. They click the “Order” on the right of the main form, the Order List form will appear. The list of orders will be loaded and displayed on the table. If there is any changes not reflected in the displayed result you can press the reload button to load the order list again

**Important note:**

- If the user is manager: all orders will be displayed
- If the user is staff: only orders that they created will be displayed

#### b. Screenshots

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	9	50000,0000	CCC	Quan 9	7894561300	0,0000	28/10/2021
	5	210000,0000	ASAX	Quan 9	0123456794	0,0000	28/10/2021
	4	150000,0000	AAAAA	AAAAAA	1234567890	30000,0000	28/10/2021
	3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
	2	150000,0000	B	BBB	9876543210	30000,0000	21/10/2021
	1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021
*							
< <span style="float: right;">&gt;</span>							

### 3.2 Search Order by Customer Name, Customer Phone Number (Manager and Staff)

#### a. Description

- After the user has login successfully, they can open order list form by clicking on “Order” on the right hand side of the main form, the search box will be displayed on the top left of the form, they can search order by either customer name or customer phone number or both
- If the user leave both blank no order will be shown
- If the user leave name blank then the system will display all order that contain or matching phone number with the keyword in phone number search box
- If the user leave phone number blank then the system will display all order that contain or matching customer name with the keyword in name search box
- If the user fill in both search box, then the system will show all result that contain or matching both phone number and customer name with the search value in both of the search box

#### Important note:

- If the user is manager: all orders matching or containing the search value will be displayed
- If the user is staff: only orders that they created that has matching or containing the search value will be displayed

#### b. Screenshots

**Search**

Customer

Name

Phone

Order

ID

**Filter**

  
[Order](#)  
[Profile](#)  
[Logout](#)

No result found

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
*							

< >

**Search**

Customer

Name

Phone

Order

ID

**Filter**

  
[Order](#)  
[Profile](#)  
[Logout](#)

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021
	4	150000,0000	AAAA	AAAAAA	1234567890	30000,0000	28/10/2021
	5	210000,0000	ASAX	Quan 9	0123456794	0,0000	28/10/2021
*							

< >

**Search**

<b>Customer</b>	<b>Order</b>
Name <input type="text" value="89"/>	ID <input type="text"/>
Phone <input type="text" value="89"/>	<input type="button" value="Search"/>

<input type="button" value="New"/>	<input type="button" value="Reload"/>
------------------------------------	---------------------------------------

**Filter**

<input type="button" value="Delivery Order"/>	<input type="button" value="Takeaway"/>
-----------------------------------------------	-----------------------------------------



Order  
Profile  
Logout

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021
	3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
	4	150000,0000	AAAAA	AAAAAA	1234567890	30000,0000	28/10/2021
	9	50000,0000	CCC	Quan 9	7894561300	0,0000	28/10/2021
*							

**Search**

<b>Customer</b>	<b>Order</b>
Name <input type="text" value="Kek"/>	ID <input type="text"/>
Phone <input type="text" value="89"/>	<input type="button" value="Search"/>

<input type="button" value="New"/>	<input type="button" value="Reload"/>
------------------------------------	---------------------------------------

**Filter**

<input type="button" value="Delivery Order"/>	<input type="button" value="Takeaway"/>
-----------------------------------------------	-----------------------------------------



Order  
Profile  
Logout

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
*							

### 3.3 Search Order by Order Id (Manager and Staff)

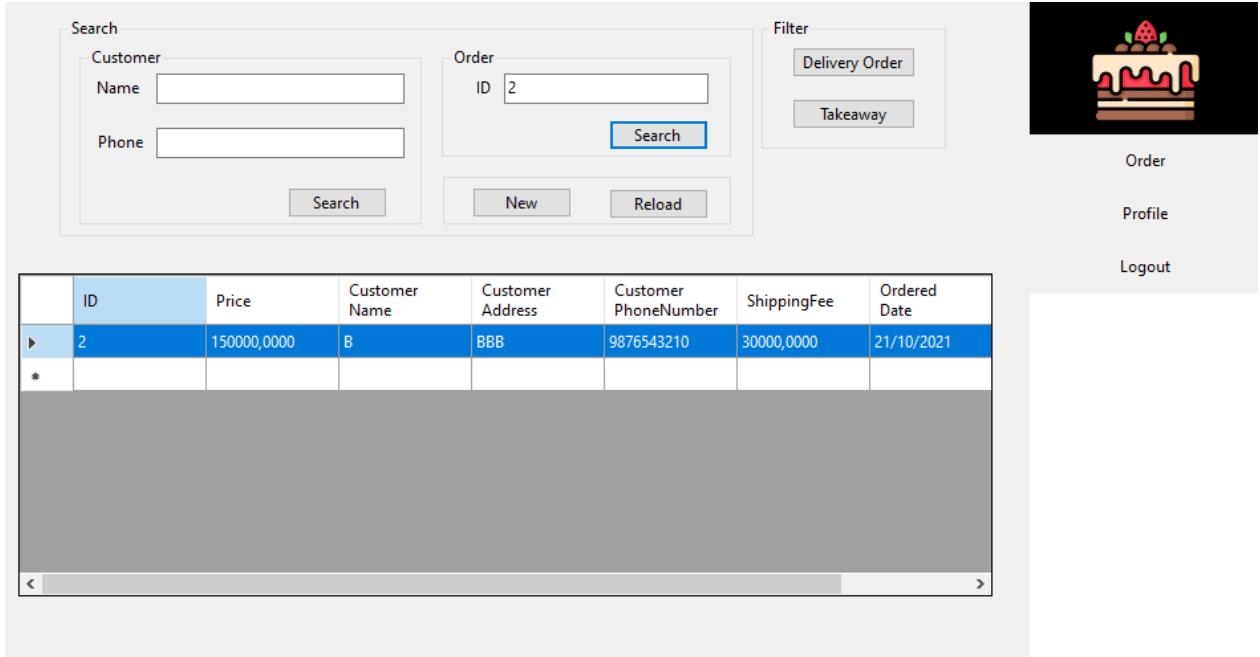
#### a. Description

- After the user has login successfully, they can open order list form by clicking on “Order” on the right hand side of the main form, the search box for order will be displayed on the top middle of the form, they can search order by typing order id in it, the system will only accept integer number that is greater than 0

**Important note:**

- If the user is manager: all orders matching or containing the search value will be displayed
- If the user is staff: only orders that they created that has matching or containing the search value will be displayed

#### b. Screenshots



The screenshot shows a software interface for managing orders. On the left, there is a search panel with fields for Customer Name and Phone, and buttons for Search, New, and Reload. To the right of the search panel is a table displaying order details. The table has columns for ID, Price, Customer Name, Customer Address, Customer PhoneNumber, ShippingFee, and Ordered Date. A single row is selected, showing ID 2, Price 150000,0000, Customer Name B, Customer Address BBB, Customer PhoneNumber 9876543210, ShippingFee 30000,0000, and Ordered Date 21/10/2021. On the far right, there is a sidebar with icons for Order (a cake), Profile (a person), and Logout.

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	2	150000,0000	B	BBB	9876543210	30000,0000	21/10/2021
*							

### 3.4 Filter Order as either Takeaway Order or Delivery Order (Manager and Staff)

#### a. Description

- After the user has logged in successfully, they can open order list form by clicking on "Order" on the right hand side of the main form, the filter box for order will be displayed on the top right of the form, they can filter order as either delivery or takeaway

#### **Important note:**

- If the user is manager: all orders that fit with the filter value will be displayed
- If the user is staff: only orders that they created that fit with the filter value will be displayed

#### b. Screenshots

**Search**

<b>Customer</b>	<b>Order</b>
Name <input type="text"/>	ID <input type="text"/>
Phone <input type="text"/>	<input type="button" value="Search"/>
<input type="button" value="Search"/> <input type="button" value="New"/> <input type="button" value="Reload"/>	

**Filter**

<input type="button" value="Delivery Order"/>	<input type="button" value="Takeaway"/>
-----------------------------------------------	-----------------------------------------


Order

Profile
Logout

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	4	150000,0000	AAAA	AAAAAA	1234567890	30000,0000	28/10/2021
	2	150000,0000	B	BBB	9876543210	30000,0000	21/10/2021
*							

**Search**

<b>Customer</b>	<b>Order</b>
Name <input type="text"/>	ID <input type="text"/>
Phone <input type="text"/>	<input type="button" value="Search"/>
<input type="button" value="Search"/> <input type="button" value="New"/> <input type="button" value="Reload"/>	

**Filter**

<input type="button" value="Delivery Order"/>	<input type="button" value="Takeaway"/>
-----------------------------------------------	-----------------------------------------


Order

Profile
Logout

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	9	50000,0000	CCC	Quan 9	7894561300	0,0000	28/10/2021
	5	210000,0000	ASAX	Quan 9	0123456794	0,0000	28/10/2021
	3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
	1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021
*							

### 3.5 Create New Order (Staff only)

#### a. Description

- After the user has logged in successfully, they can open the order list form by clicking on “Order” on the right hand side of the main form, then the staff can click on the new button if they want to create a new order. The new order form will pop up after clicking on the new button
- By default it will be a takeaway order (the customer address and shipping date will be blocked from inputting in), you can change the type of order by clicking on the other

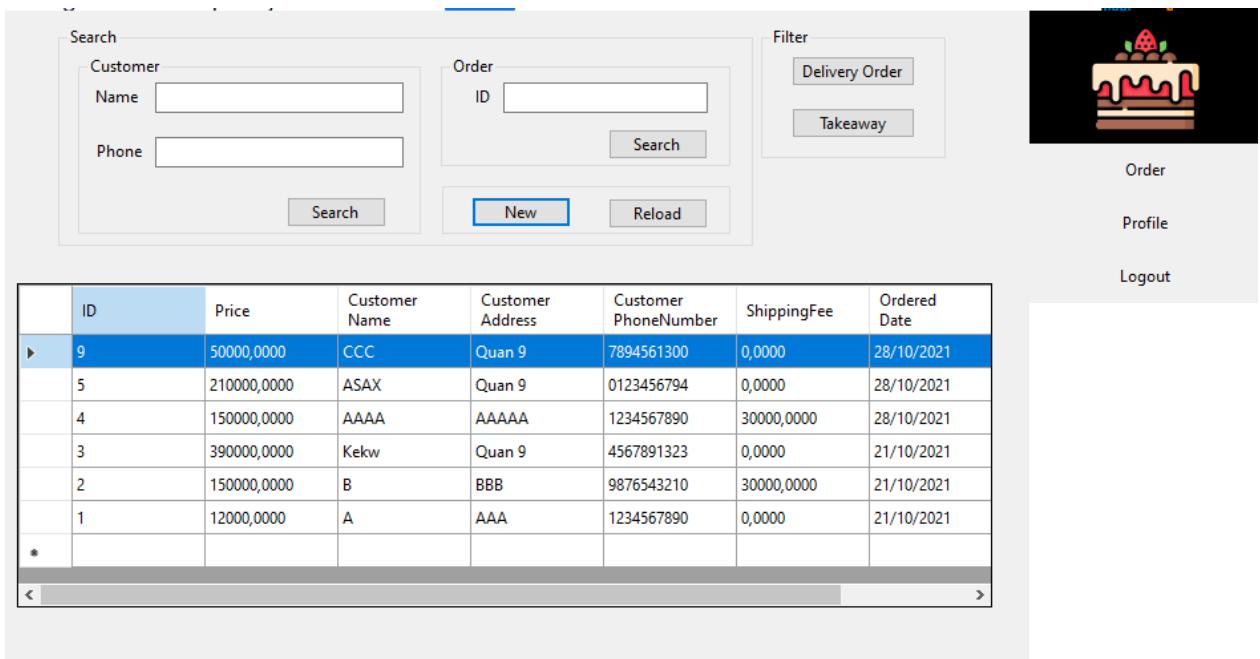
option - delivery (customer address and shipping date will be unlocked for inputting in and the total order cost will rise up 30 000 due to the shipping fee)

- To add a cake into the order choose a cake that you want in the drop down menu, then input the quantity in then click “Add”, if you want to remove the cake from the order you can click the “Remove” button
- After adding all cakes, you will fill in the rest of the detail about customer then click “Create” then new order will be add into the system and will be displayed on the order list form

**Important note:**

- The default location for takeaway order will be “Quan 9” which is where the shop located
- If the order is takeaway the shipping date will be used as the date the order is completed and will be the value of the day the order created
- The shop don't accept delivery order that has shipping date on the same day as created date

**b. Screenshots**



The screenshot shows a software interface for managing orders. At the top, there are search fields for 'Customer Name' and 'Phone', and an 'Order ID' field with a 'Search' button. To the right is a 'Filter' section with 'Delivery Order' and 'Takeaway' buttons. On the far right, there are icons for 'Order', 'Profile', and 'Logout'. Below the search area is a table displaying order details:

ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
9	50000,0000	CCC	Quan 9	7894561300	0,0000	28/10/2021
5	210000,0000	ASAX	Quan 9	0123456794	0,0000	28/10/2021
4	150000,0000	AAAA	AAAAA	1234567890	30000,0000	28/10/2021
3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
2	150000,0000	B	BBB	9876543210	30000,0000	21/10/2021
1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021
*						

At the bottom of the table, there are navigation arrows (< and >).

Order details

Customer Name	<input type="text"/>	Customer Address	<input type="text"/>
Customer Phone	<input type="text"/>	Shipping Date	06/11/2021 <input type="button" value="▼"/>
Order Price	<input type="text" value="0"/>	Shipping Method	<input checked="" type="radio"/> Takeaway <input type="radio"/> Delivery

Product  Quantity

	Cakeid	Cakename	Price	Amount	Category
*	0		0	0	

Order details

Customer Name	<input type="text"/>	Customer Address	<input type="text"/>
Customer Phone	<input type="text"/>	Shipping Date	06/11/2021 <input type="button" value="▼"/>
Order Price	<input type="text" value="30000"/>	Shipping Method	<input type="radio"/> Takeaway <input checked="" type="radio"/> Delivery

Product  Quantity

	Cakeid	Cakename	Price	Amount	Category
*					

Order details

Customer Name	DDD	Customer Address	
Customer Phone	1234561239	Shipping Date	06/11/2021
Order Price	0	Shipping Method	<input checked="" type="radio"/> Takeaway <input type="radio"/> Delivery

Product  Quantity

	Cakeid	Cakename	Price	Amount	Category
*					

< >

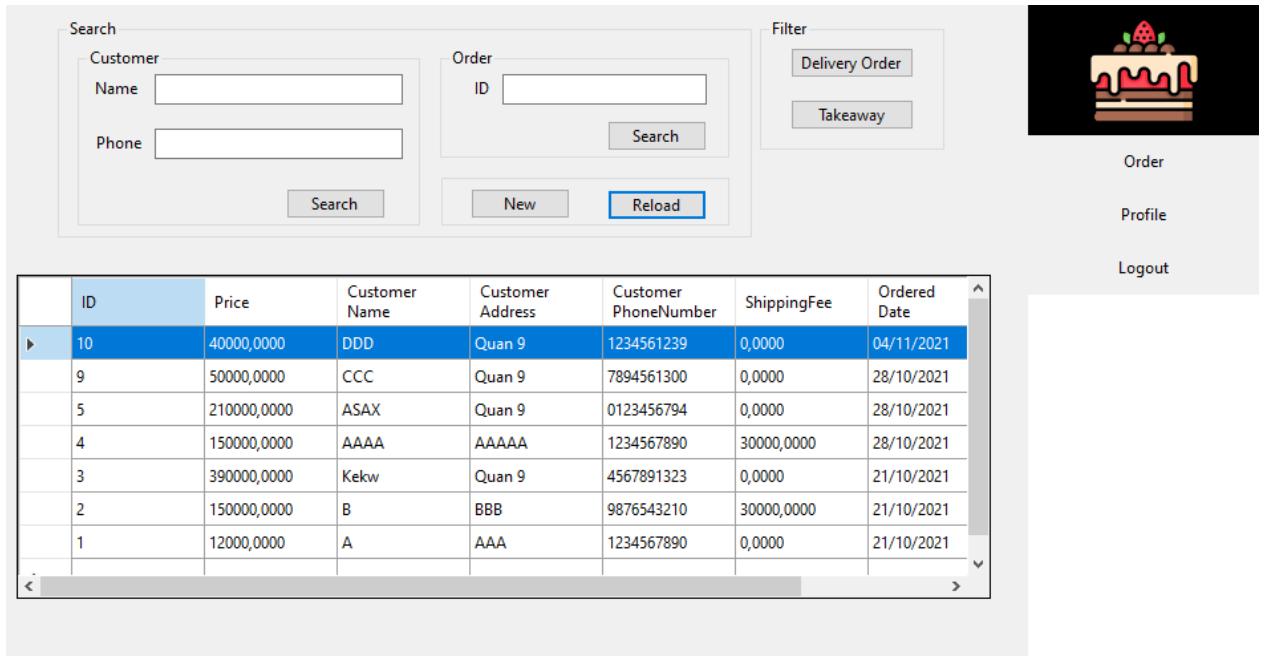
Order details

Customer Name		Customer Address	
Customer Phone	1234561239	Shipping Date	06/11/2021
Order Price	40000,0000	Shipping Method	<input checked="" type="radio"/> Takeaway <input type="radio"/> Delivery

Product  Quantity

	Cakeid	Cakename	Price	Amount	Category
▶	10	Strawberry Cake	40000,0000	1	Desert
*					

< >



The screenshot shows a web-based application for managing orders. At the top left, there is a search bar with fields for 'Customer Name' and 'Phone'. To its right is another search bar for 'Order ID'. On the far right of the header are three buttons: 'Delivery Order', 'Takeaway', and a dropdown menu for 'Filter'. Below the header is a navigation bar with icons for 'Order', 'Profile', and 'Logout'. The main content area contains a table with columns: ID, Price, Customer Name, Customer Address, Customer PhoneNumber, ShippingFee, and Ordered Date. The table lists several orders, with the first one (ID 10) highlighted in blue.

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	10	40000,0000	DDD	Quan 9	1234561239	0,0000	04/11/2021
	9	50000,0000	CCC	Quan 9	7894561300	0,0000	28/10/2021
	5	210000,0000	ASAX	Quan 9	0123456794	0,0000	28/10/2021
	4	150000,0000	AAAA	AAAAA	1234567890	30000,0000	28/10/2021
	3	390000,0000	Kekw	Quan 9	4567891323	0,0000	21/10/2021
	2	150000,0000	B	BBB	9876543210	30000,0000	21/10/2021
	1	12000,0000	A	AAA	1234567890	0,0000	21/10/2021

### 3.6. Update Order information (Staff only)

#### a. Description

- When a user logins successfully and opens the Order form (by clicking “Order List”) they can click on any order in the order list.
  - If the order’s shipped date is earlier than today (or the order is a Takeaway) - The order has already been shipped and cannot be changed. An error message will appear “The order has already ben shipped” and the user cannot make any changes.
  - If the order shipped date is in the future, the Order details form will appear. In this form:
    - + Order information will be loaded
    - + Order items will be loaded.

User can then change the customer's name and customer phone number.

After changes are made, user can either press “Update” to save changes, or “Back” to discard any changes made.

#### b. Screenshots

Search

Customer	Order
Name <input type="text"/>	ID <input type="text"/>
Phone <input type="text"/>	<input type="button" value="Search"/>

Filter

<input type="button" value="Delivery Order"/>	<input type="button" value="Takeaway"/>
-----------------------------------------------	-----------------------------------------



Order

Profile

Logout

	ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
▶	9	120000.0000	Phan Van Thanh	Quan 10	4674561234	30000.0000	11/5/2021
	8	70000.0000	Le Van Truong	Quan 9	0915434824	0.0000	11/5/2021
	7	80000.0000	Ho Quang Hai	Quan 9	1234567896	0.0000	11/5/2021
	4	240000.0000	Le Hong Quang	Hang Xanh, Th...	0795641528	30000.0000	11/5/2021
	3	170000.0000	Ho Xuan Ha	Khu Cong nghe...	0813465598	30000.0000	11/5/2021
	2	530000.0000	Dang Tran Xuan	09 CMT8, Distri...	0815674231	30000.0000	
	1	590000.0000	Dang Minh Tho...	Quan 9	0917278699	0.0000	11/5/2021

Develop by  
Group 2

Order details

Customer Name	Hoang Minh	Customer Address	Ho Chi Minh
Customer Phone	0123456798	Shipping Date	11/ 6/2021
Total	530000.0000	Shipping Method	<input type="radio"/> Takeaway <input checked="" type="radio"/> Delivery

	CakeID	CakeName	Price	Amount	Category
▶	1	Tiramisu	500000.0000	5	Desert
*					

The order has already been shipped.

[Back](#)

Order details

Customer Name	Ho Xuan Ha	Customer Address	Khu Cong nghe Cao, District 9
Customer Phone	0816907269	Shipping Date	11/24/2021
Order Price	170000.0000	Shipping Method	<input type="radio"/> Takeaway <input checked="" type="radio"/> Delivery

**Order details**

Customer Name	Ho Xuan Ha	Customer Address	Khu Cong nghe Cao, District 9
Customer Phone	0813465598	Shipping Date	11/24/2021 <input type="button" value="Edit"/>
Order Price	170000.0000	Shipping Method	<input type="radio"/> Takeaway <input checked="" type="radio"/> Delivery

	CakeID	CakeName	Price	Amount	Category
▶	4	Mousse	50000.0000	1	Desert
	6	Buttefly Flower ...	90000.0000	3	Cookie
*					

Search		Order		Filter		
Customer	Order	ID	Search	Delivery Order	Takeaway	
Name <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Search"/>	<input type="button" value="New"/>	<input type="button" value="Reload"/>	Order
Phone <input type="text"/>						Profile
						Logout

ID	Price	Customer Name	Customer Address	Customer PhoneNumber	ShippingFee	Ordered Date
9	120000.0000	Phan Van Thanh	Quan 10	4674561234	30000.0000	11/5/2021
8	70000.0000	Le Van Truong	Quan 9	0915434824	0.0000	11/5/2021
7	80000.0000	Ho Quang Hai	Quan 9	1234567896	0.0000	11/5/2021
4	240000.0000	Le Hong Quang	Hang Xanh, Th...	0795641528	30000.0000	11/5/2021
▶ 3	170000.0000	Ho Xuan Ha	Khu Cong nghe...	0816907269	30000.0000	11/5/2021
2	530000.0000	Dang Tran Xuan	09 CMT8, Distri...	0815674231	30000.0000	
1	590000.0000	Dang Minh Tho...	Quan 9	0917278699	0.0000	11/5/2021

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