

FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

Centre Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

BARBERIA

Supervisor:	Mr. Ngo Phuoc Nguyen	
Semester:	IV	
Batch No:	ACCP 6715	
Group No:	1	
Order:	Full name	Roll No.
1.	Le Minh	Student1225645
2.	Nguyen Minh Thoai	Student1225526
3.	Hoang Thien An	Student1198581
4.	Luong Vinh Hien	Student1204494

July 2021

CONTENTS

REVIEW 1.....	4
I. Introduction.....	5
II. Application Description	5
III. Naming Conventions.....	6
IV. Technologies And Versions	6
V. Hardware And Software Requirements	7
REVIEW 2.....	10
VI. Function Includes	11
VII. Modules.....	11
VIII. Architecture And The Design Of The Project.....	13
IX. Tables Design	14
1. Salon (info)	14
2. Employee.....	15
3. Customer	15
4. Service	16
5. Booking	16
6. Booking details.....	16
7. Turn	16
8. Payment.....	16
9. Feedback	17
10. Hair_style.....	17
X. Use Case	17
1. Client with Registry and Client without Registry	17
3. Admin & Manager	20
XI. ERD	21
XII. Data Flow Diagrams (DFDs).....	22
1. Context Diagram (Level 0)	22
2. Level 1	22
XIII. Sequence Diagrams	23
1. Visitor	23
2. Registered user	26

3. Manager	32
4. Administrator	41
Review 3	51
For Admin	60
I. DASHBOARD:	60
II. SALON INFO/ UPDATE	60
III. EMPLOYEE LIST:	62
IV. ADD NEW EMPLOYEE	62
V. BOOKING LIST	63
VI. PAYMENT LIST	64
VII. PAYMENT REPORT.....	65

REVIEW 1

I. Introduction

The purpose of this document is to present a detailed description of a Barber Shop Booking System. It will explain the purpose and feature of the system, the interfaces of the system, what the system will do. Furthermore, this document also explains the potential in the future for small business. However, in this project will only working on one single Barber Shop that has one branch.

This application can be improve multiple shops for large business and small business.

II. Application Description

1. For guests who book online

- Appointments can be made via phone number without registration
- Guests can register and make an appointment
- Guests who sign up can see the appointment time
- Guests can change their nickname
- Subscribers can see appointment history
- Guests arrive at the shop 10 minutes in advance to be checked into the system by the staff
- Guests arriving at the salon after the appointment will cancel the appointment

2. For walk-in visitors

- Visitors can walk to the shop will be checked into the system by the staff

3. For managers in the salon

- Manage login to browser
- In the early hours of work, employees will checkin (or check-in)
- End of work the employee will checkout (checkout)
- View guest appointment list online
- Checkin for guests upon arrival at the salon
- Staff arrangements for guests
- Make payments to guests

4. For Admin and Management

- Login to admin page
- Branch Management (UD)
- Employee Management (CRUD) - <<Create an account for an employee>>
- Service Management (CRUD)
- Manage customer lists

- Manage appointment history
- Report Payment

III. Naming Conventions

Type	Public	Internal
Packages	<code>lower_with_under</code>	
Modules	<code>lower_with_under</code>	<code>_lower_with_under</code>
Classes	<code>CapWords</code>	<code>_CapWords</code>
Exceptions	<code>CapWords</code>	
Functions	<code>lower_with_under()</code>	<code>_lower_with_under()</code>
Global/Class Constants	<code>CAPS_WITH_UNDER</code>	<code>_CAPS_WITH_UNDER</code>
Global/Class Variables	<code>lower_with_under</code>	<code>_lower_with_under</code>
Instance Variables	<code>lower_with_under</code>	<code>_lower_with_under</code> (protected) or <code>__lower_with_under</code> (private)
Method Names	<code>lower_with_under()</code>	<code>_lower_with_under()</code> (protected) or <code>__lower_with_under()</code> (private)
Function/Method Parameters	<code>lower_with_under</code>	
Local Variables	<code>lower_with_under</code>	

IV. Technologies And Versions

TECHNOLOGIES

- Spring boot framework
- HTML/CSS
- JavaScript
- Spring thymeleaf layout
- JQuery

BACK-END

- SDK 1.8 version 1.8.0_291
- Java 8
- Web API: Spring-boot 2.5.1 (Maven)

FRONT-END

- ✓ Thymeleaf master layout

- ❖ ADMIN_PAGE
 - Template: AdminLTE v3.1.0
 - Bootstrap version 4.6.0
- ❖ CLIENT_PAGE AND EMPLOYEE_PAGE
 - Template: <https://www.free-css.com/free-css-templates/page253/style-barber>
 - Bootstrap version v4.1.0

DATABASE

- MySQL 8.0
- MySQL Workbench 8.0 CE

V. Hardware And Software Requirements

Server Requirement

❖ Hardware

Component	Requirement
CPU	Processor type: Pentium IV-compatible processor or faster Processor speed: Recommended: 2.0 GHz or faster
OS	Microsoft Windows Server 2012 with IIS
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 2 GB or more
Hard Drive	Free space: Minimum: 200 MB Recommended: 50 GB or more Maximum: Operating system maximum

❖ Software

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Component	Requirement
RDBMS	MySQL 8.0
DATABASE UI	MySQL Workbench 8.0 CE
IDE	IntelliJ IDEA Community

Client Requirement

❖ Hardware

Component	Requirement
CPU	Processor type: Pentium III-compatible processor or faster Processor speed: Recommended: 1.0 GHz or faster
OS	All OS (Window, Linux, Android, Mac OS ...)
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 1 GB or more Maximum: Operating system maximum
Hard Drive	Free space: Minimum: 10 MB

❖ Software

Component	Requirement
Web Browser	Chrome, Opera (up to date)

Task Sheet 1

Project Ref. No.: BARBERIA		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Introduction and Problem Definition	BARBERIA	Le Minh	12/07/2021	5	All Members	100%
2	Application Description			12/07/2021	5		100%
3	Table Design						
4	System Requirement Specification			12/07/2021	5		100%
5	Architecture						

Date: 22/7/2021

FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

Signature of Instructor:

MR. NGO PHUOC NGUYEN

Signature of Team Leader:




Le Minh

REVIEW 2

VI. Function Includes

- 1) Admin login system
- 2) Security – Authentication and Authorization
- 3) Client login system
- 4) Booking system
- 5) Payment method (cash)
- 6) Payment with MOMO wallet
- 7) Reports payment printing

VII. Modules

-  **Visitors** (Customer without registry)
-  **Registered Users** (Customer)
-  **Administrator** (Employee)

1. Visitor modules

- a) View salon information
- b) Sending message to Admin
- c) Register new account
- d) Making booking online
- e) Making a feedback

2. Registered Users modules

- a) Add their nickname
- b) Edit their nickname
- c) Making booking online
- d) Change password
- e) View booking detail
- f) View booking history
- g) Delete booking history
- h) Rating stylist
- i) Add complaint
- j) Edit complaint

3. Employee Modules

ROLE_MANAGER

- a) Check-in
- b) Update personal information
- c) Change password
- d) Take turn with booking
- e) View personal information
- f) View their history turn
- g) View amount they make
- h) View booking list
- i) View personal salary
- j) View all staff salary
- k) View all staff information
- l) [Login to Admin page](#)
- m) Contact to Admin
- n) View feedback
- o) Making payment

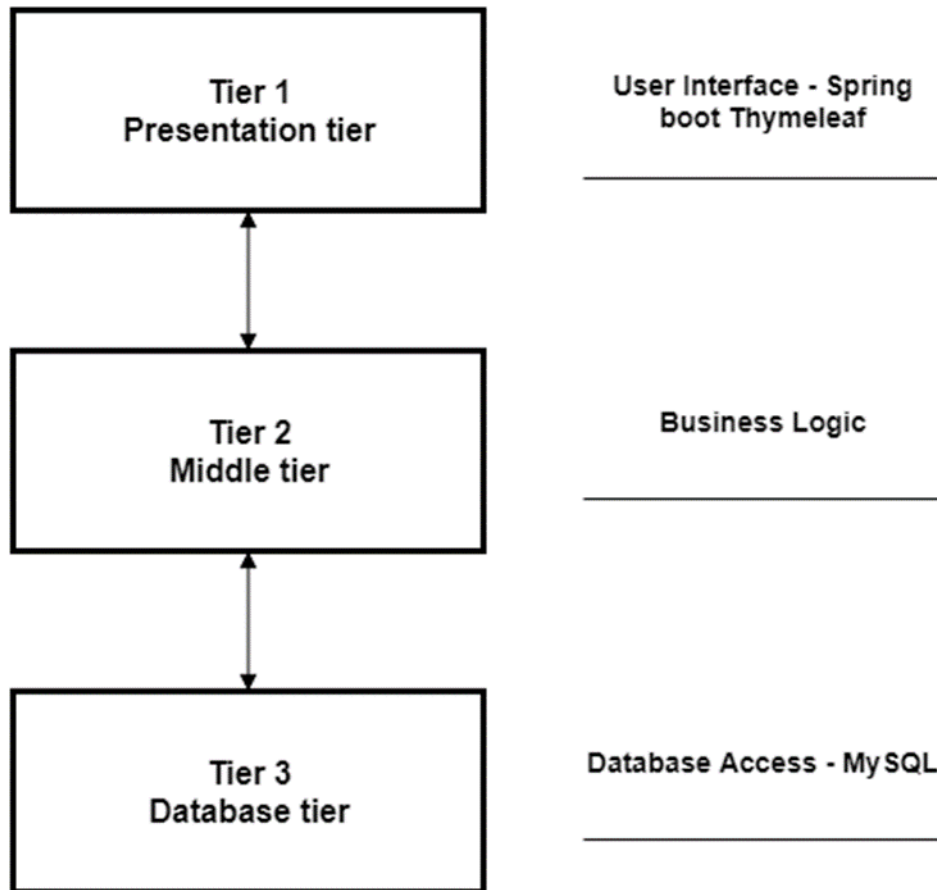
4. Administrator Modules

ROLE_ADMIN

- a) [Login to Admin page](#)
- b) Register new employee
- c) New Admin
- d) Mange feedback
- e) Edit role of the employee
- f) View employee information
- g) Edit employee information
- h) Delete employee
- i) View reports

- j) View employee work-days
- k) Sending email to employee
- l) Change password
- m) Add new salon location
- n) Update salon information

VIII. Architecture And The Design Of The Project



IX. Tables Design

1. Salon (info)

id	int	PK
salon_name	Varchar(200)	
address	Varchar(200)	
email	Varchar(200)	
Thumbnail_url	Varchar(200)	
phone_number	Varchar(100)	
opened_hour	Time	

Closed_hour	Time	
minute_in_one_time_slot	int	
is_available_for_online_booking	bit	
number_of_turn_in_one_time_slot	int	
is_opened	bit	
is_car_parking_available	bit	

2. Employee

id	Long	PK
Nick_name	Varchar(100)	
phone_number	Varchar(100)	
password	Varchar(255)	
first_name	Varchar(100)	
last_name	Varchar(100)	
role	Varchar(50)	"ROLE_ADMIN", "ROLE_MANAGER", "ROLE_STAFF"
gender	bit	
salon_id	Long	FK
Thumbnail_url	Varchar(200)	
is_active	bit	
email	Varchar(200)	
home_address	Varchar(200)	
date_of_birth	Date	
is_online_booking_available	bit	

3. Customer

id	Long	PK
phone_number	Varchar(100)	
password	Varchar(255)	
nick_name	Varchar(100)	
email	Varchar(200)	
Is_membership	bit	
Membership_name	Varchar(100)	

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

4. Service

id	Long	PK
service_name	Varchar(100)	
original_price	double	
time_consume	int	
is_discount	bit	
discount_price	double	
description	Varchar(300)	

5. Booking

id	Long	PK
customer_id	Long	FK
Salon_id	Long	FK
chosen_time_slot	Timestamp	
description	String	
Status	Varchar(50)	"online", "check-in", "payment", "cancel", "serving"
employee_id (optional)	Long	FK

6. Booking details

id	Long	PK
booking_id	Long	FK
service_id	Long	FK

7. Turn

id	Long	PK
employee_id	Long	FK
booking_id	Long	FK
status	Varchar(50)	"done", "notyet"

8. Payment

id	Long	PK
turn_id	Long	FK

total_price	double	
payment_method	Varchar(100)	

9. Feedback

id	Long	PK
Full_name	Varchar(100)	
email	Varchar(255)	
Phone_number	Varchar(100)	
comment	Varchar(300)	

10. Hair_style

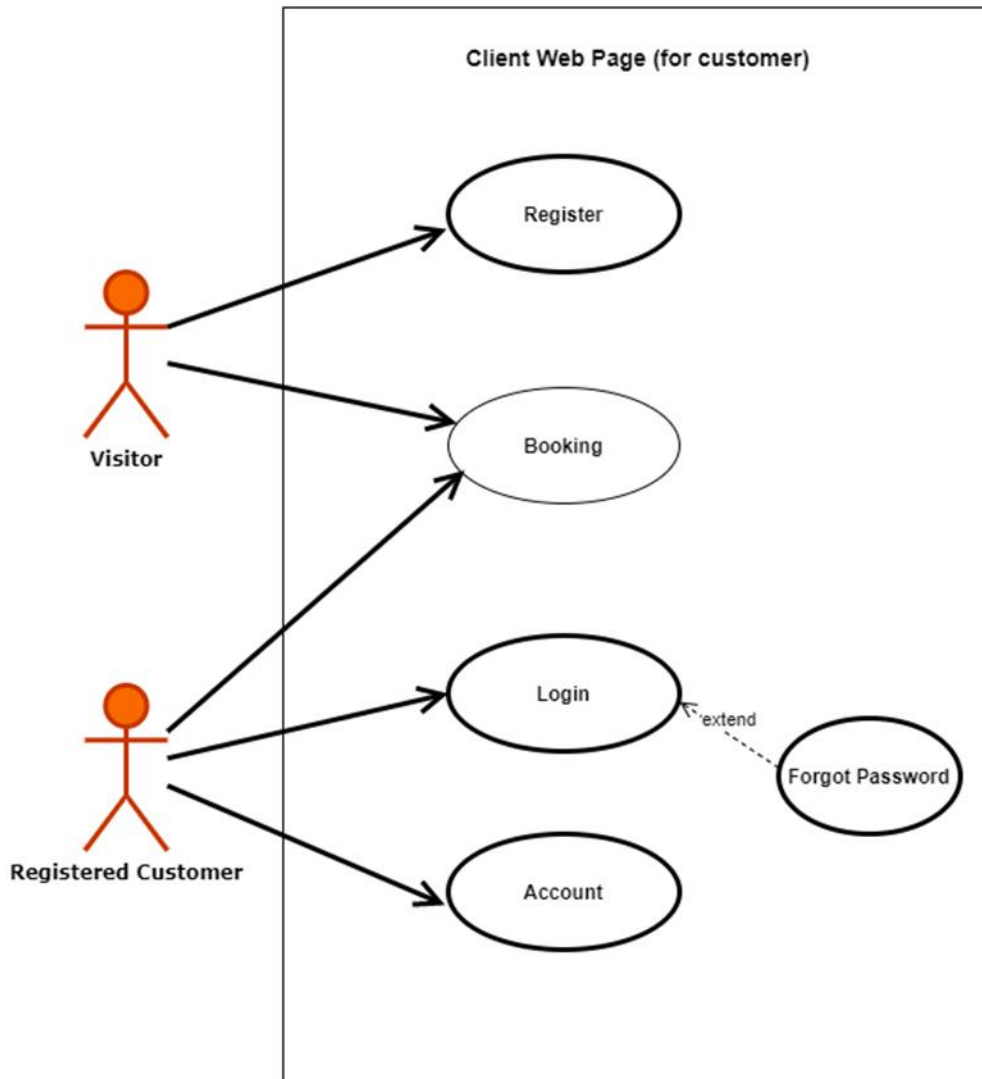
Id	Long	PK
title	Varchar(200)	
Description	Text(30000)	
thumbnail	Varchar(200)	

X. Use Case

1. Client with Registry and Client without Registry

FPT ACADEMY INTERNATIONAL

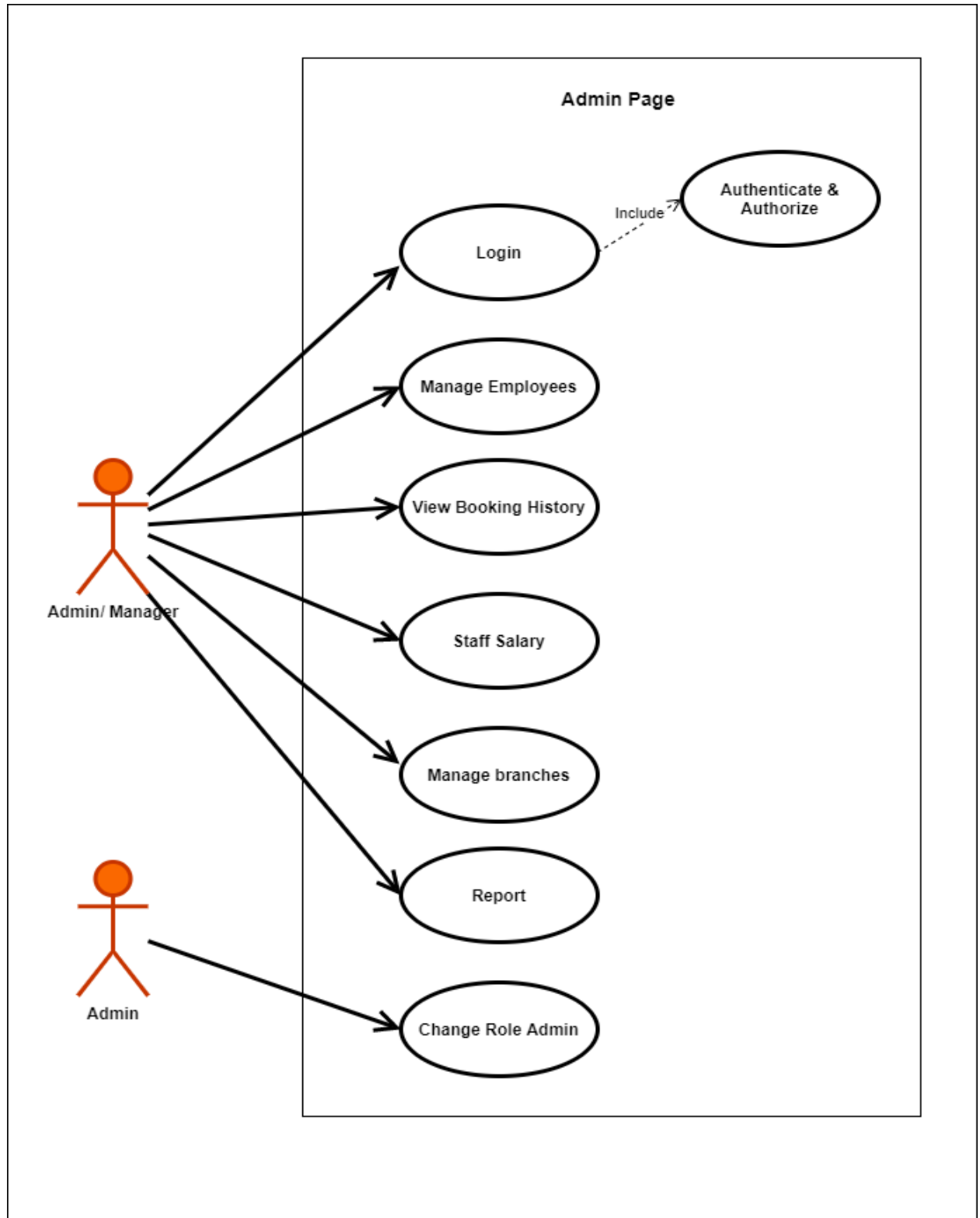
FPT – APTECH COMPUTER EDUCATION



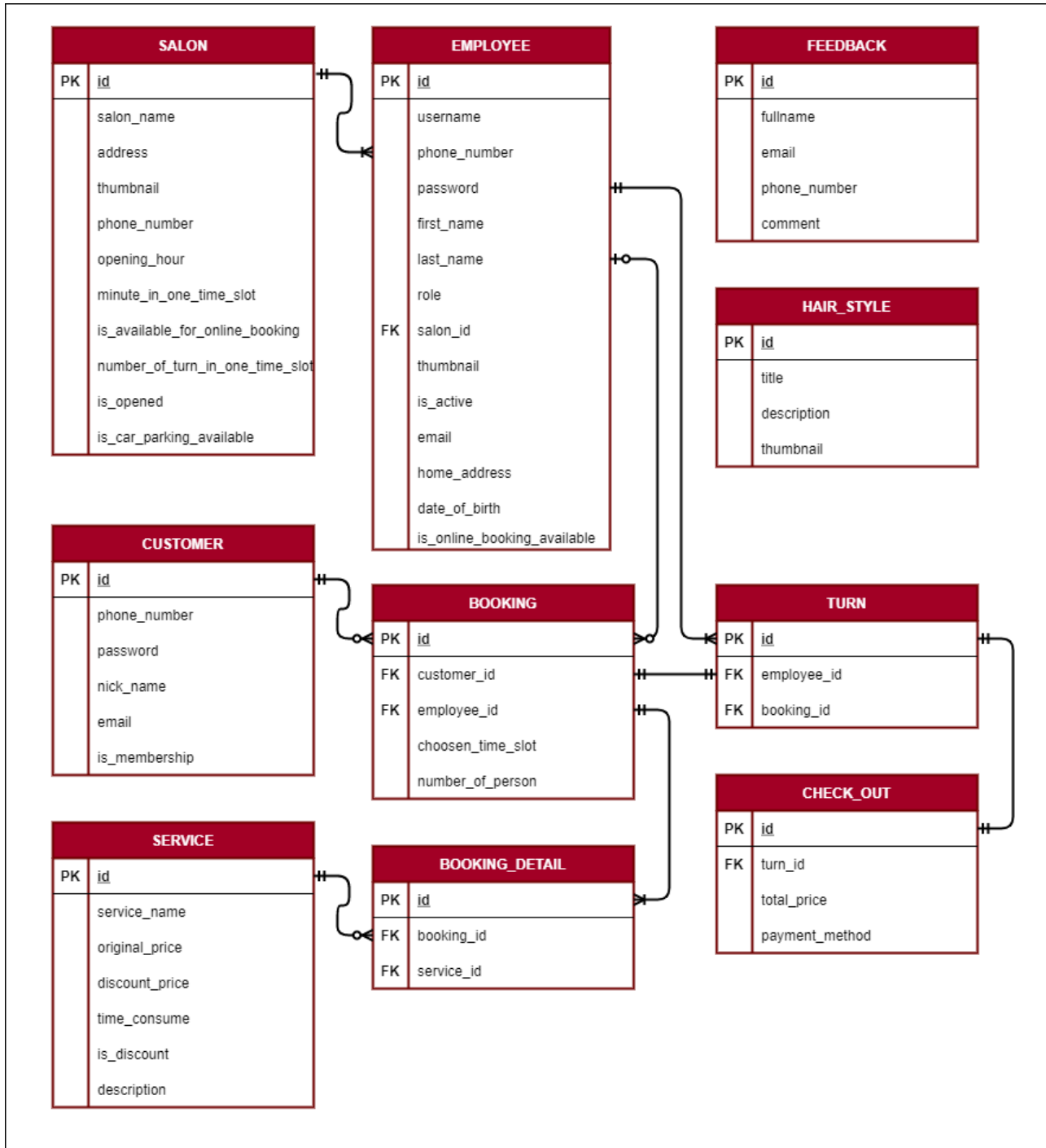
2. Staff & Man



3. Admin & Manager

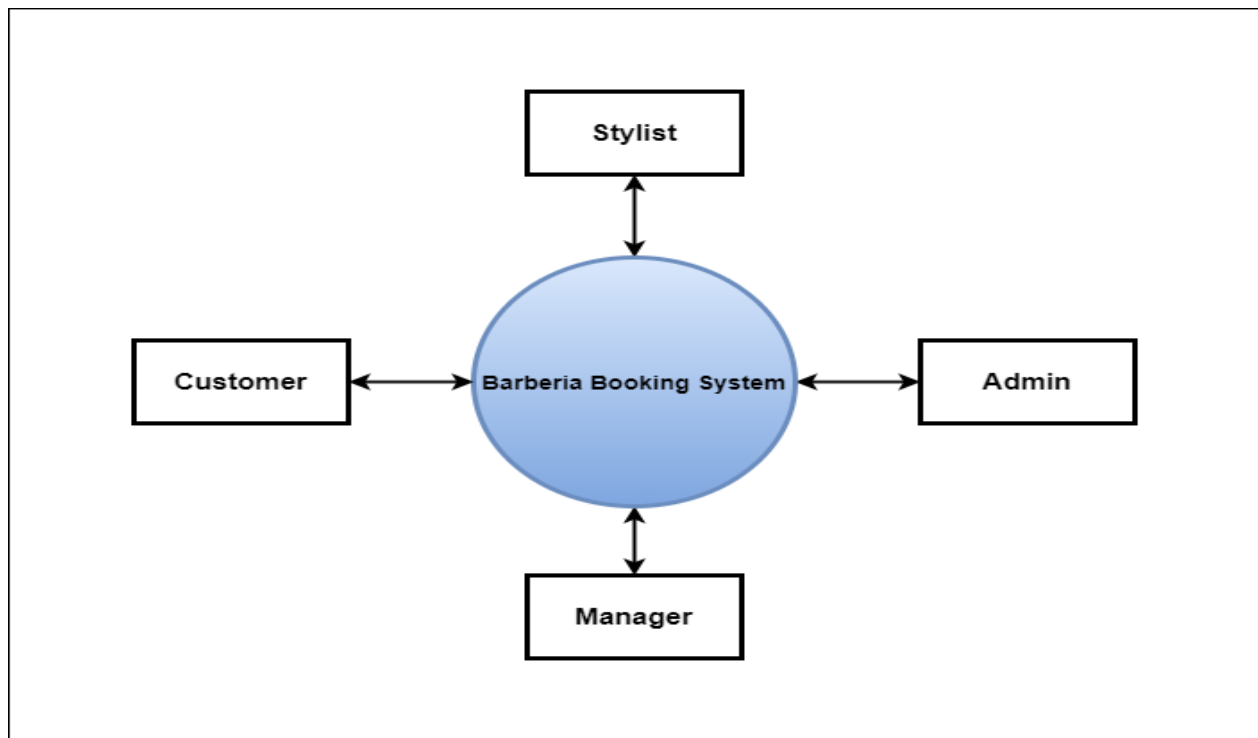


XI. ERD

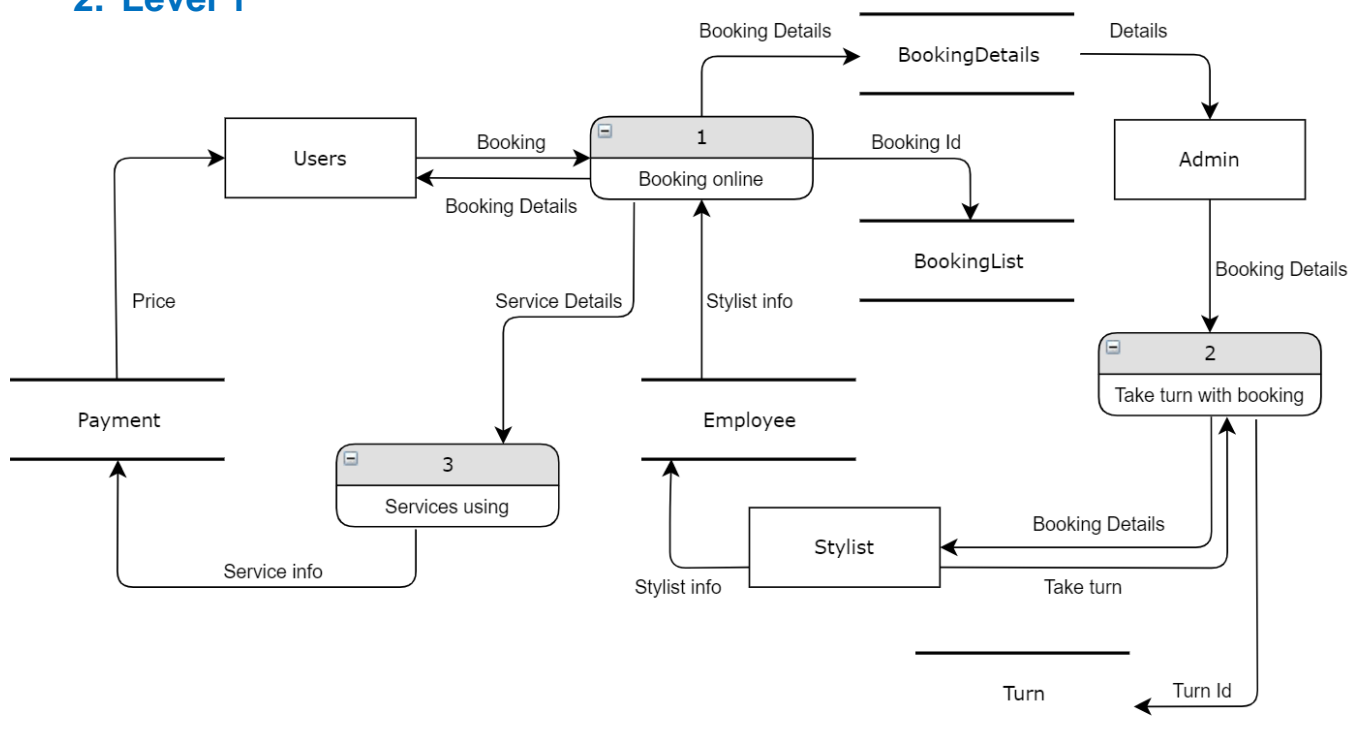


XII. Data Flow Diagrams (DFDs)

1. Context Diagram (Level 0)



2. Level 1



XIII. Sequence Diagrams

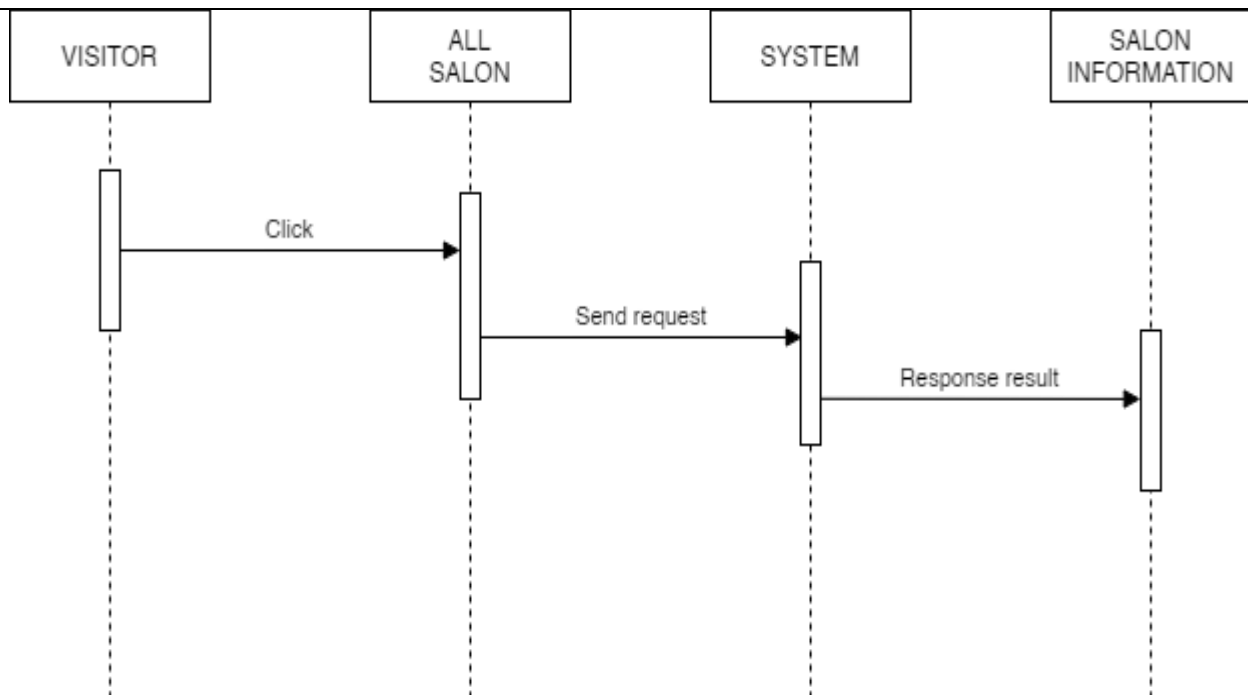
1. Visitor

1.1. View salon information

Author	Luong Vinh Hien	
Use Case Name	View salon information	
Actors	Visitor	
Description	The visitor can view all information of salon	
	Actor Action	System Responses
Basic Flow	Step 1: Click on Salon	Step 2: Display all details
Alternative flow	Step 3: Visitor can check location, open hour, image, number of staff....	

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

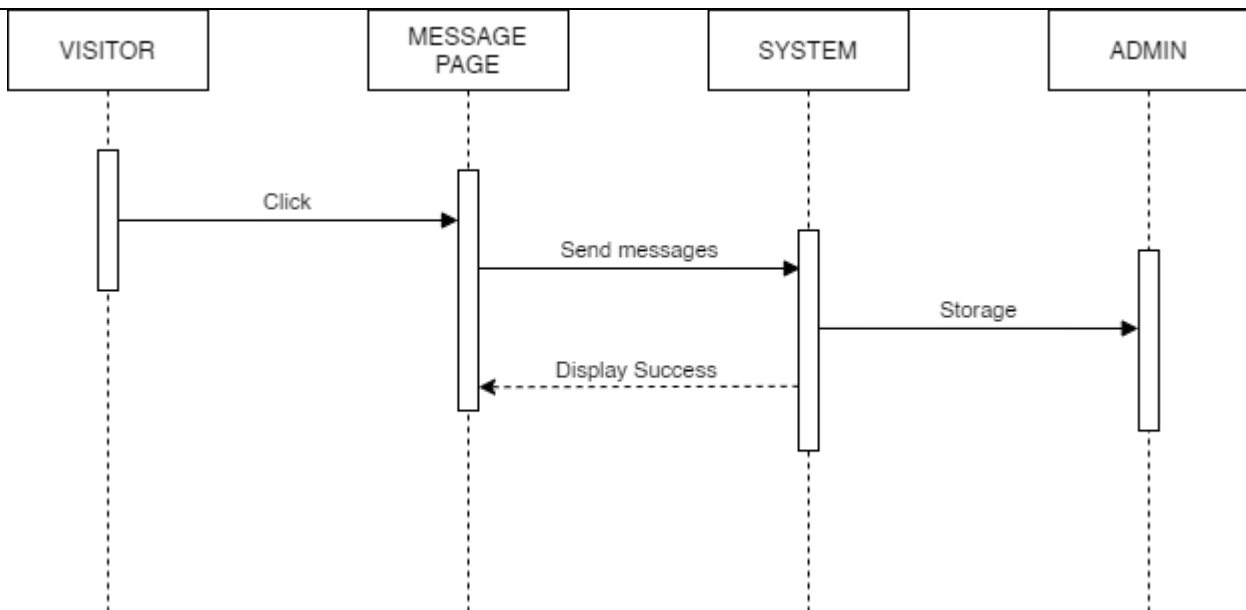


1.2. Sending message to Admin

Author	Luong Vinh Hien	
Use Case Name	Sending message to Admin	
Actors	Visitor	
Description	Visitor can send the message to Admin	
	Actor Action	System Responses
Basic Flow	Step 1: Click "Send Message"	Step 2: Add the message to data
Alterative flow	Step 3: Visitor can send the question, time, service....	

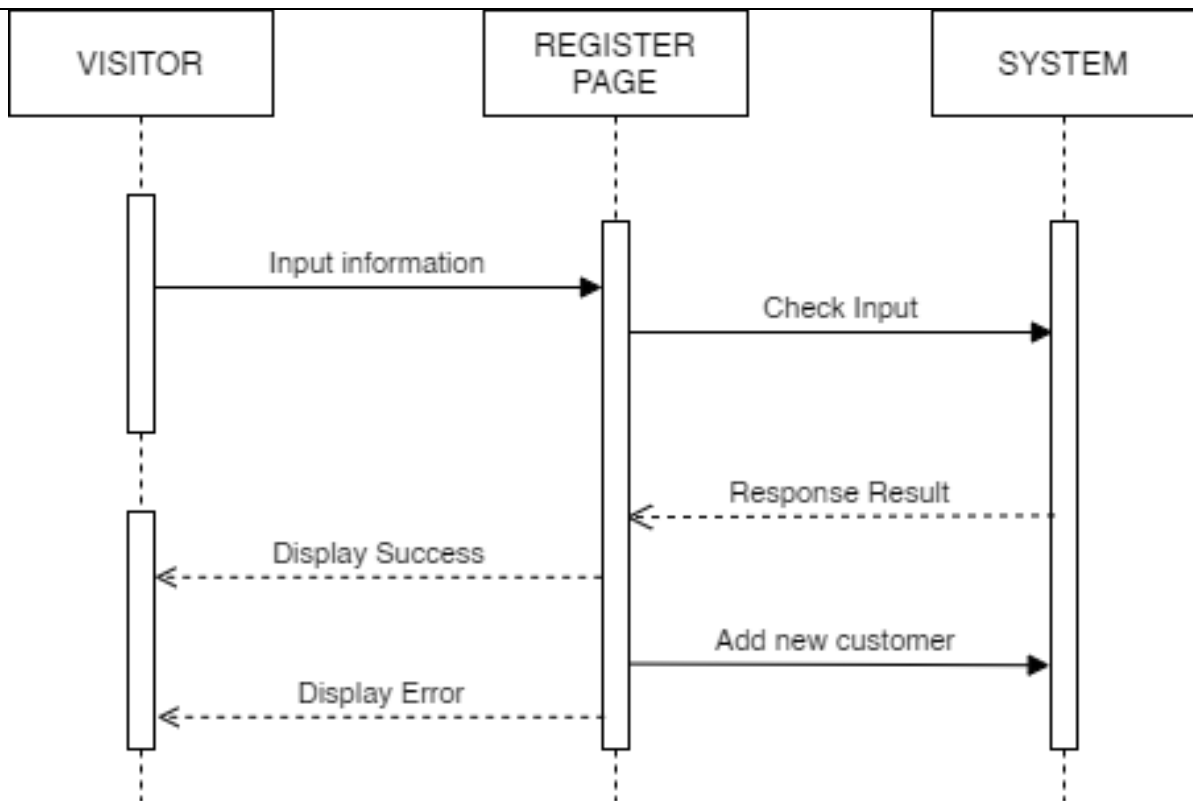
FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION



1.3. Register new account

Author	Luong Vinh Hien	
Use Case Name	Register new account	
Actors	Visitor	
Description	Visitor can register all personal information and becomes a member	
	Actor Action	System Responses
Basic Flow	Step 1: Input information: Name, Email, Cellphone, Address, Password, Confirm password and click on Submit button	Step 2: Check the information Step 3: Create customer account Step 4: Show message to go to login screen.
Alterative flow	Step 3: Visitor can register with their information to get loyaty score, promotion or news of new trend.	

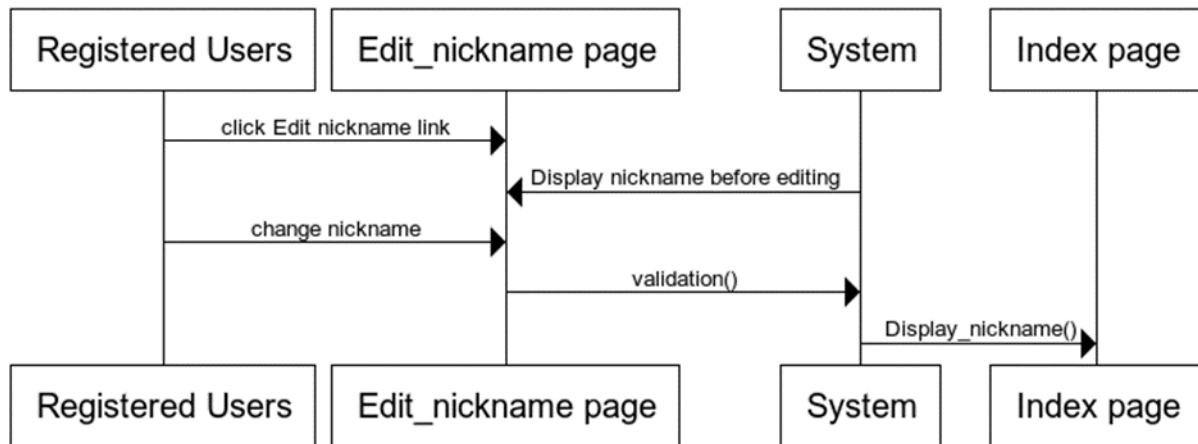


2. Registered user

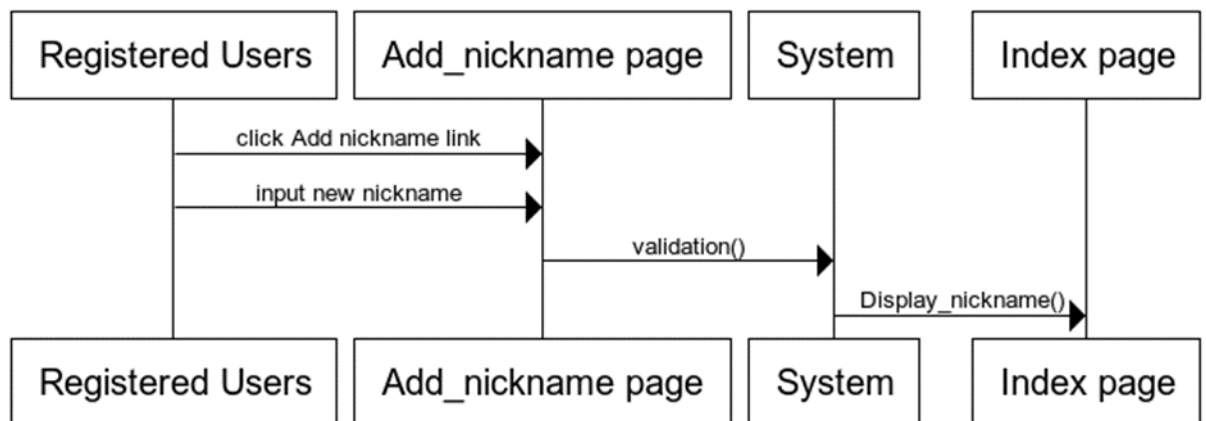
2.1. Add, edit nickname

Author	Hoang Thien An	
Use Case Name	Add nickname / Edit nickname	
Actors	Registered Users	
Description	Registered Users can add or edit their nicknames to support easier contact	
	Actor Action	System Responses
Basic Flow	1.User click on add nickname or edit nickname in the dropdown list of phone number 3. Click Save button after changing nickname	2. Redirect to Add nickname or Edit nickname page. Edit page will show the nickname in use 4. The data will be saved into database
Alterative flow		

Edit nickname



Add nickname

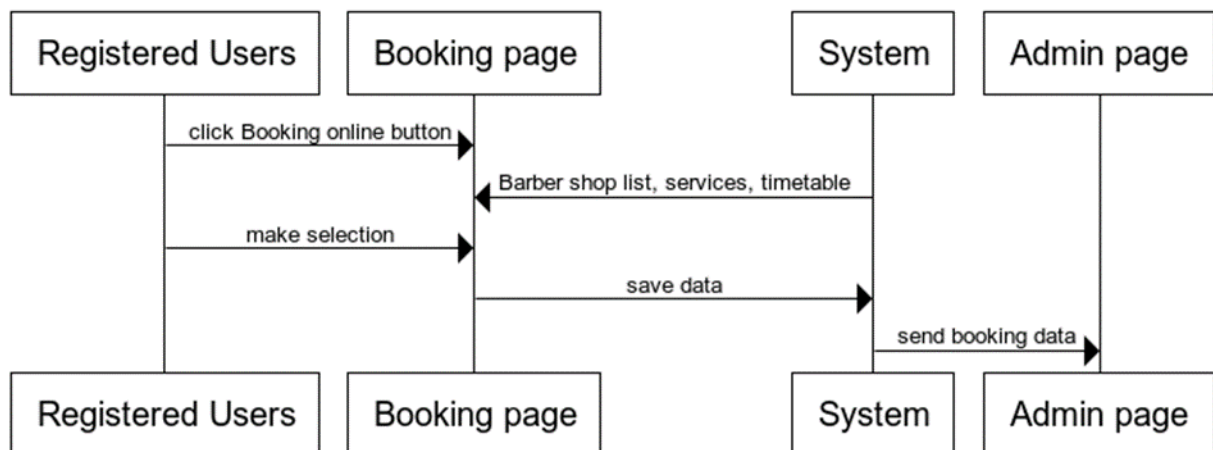


2.2. Making Booking online

Author	Lê Minh	
Use Case Name	Making booking online	
Actors	Registered Users	
Description	Registered Users can also making booking online like visitor	
	Actor Action	System Responses

Basic Flow	1. User click on Booking now button to make booking online 3. User make selection and click complete button	2. Redirect to Booking page, show barber shop list, services, timetable. 4. The booking information will be forwarded to admin
Alterative flow		

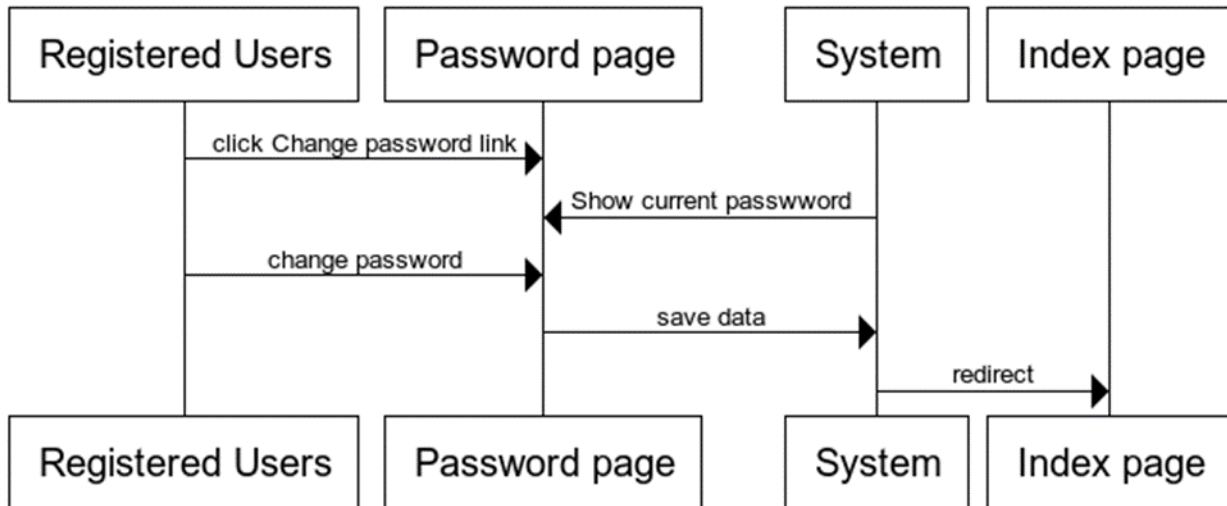
Making booking online



2.3. Change password

Author	Hoang Thien An	
Use Case Name	Change password	
Actors	Registered Users	
Description	Registered Users can change their password	
	Actor Action	System Responses
Basic Flow	1. User click Change password link 3. Change password, click submit	2. Redirect to Password page, show current password
Alterative flow		

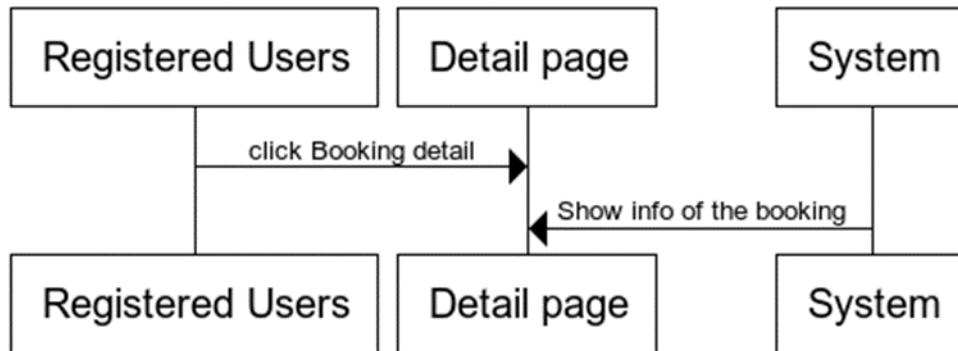
Change password



2.4. View Booking detail

Author	Hoang Thien An	
Use Case Name	View booking detail	
Actors	Registered Users	
Description	Registered Users can view the booking information in detail	
	Actor Action	System Responses
Basic Flow	User click on Booking detail after click complete button in Booking page	Show all info of the booking user has just entered
Alterative flow		

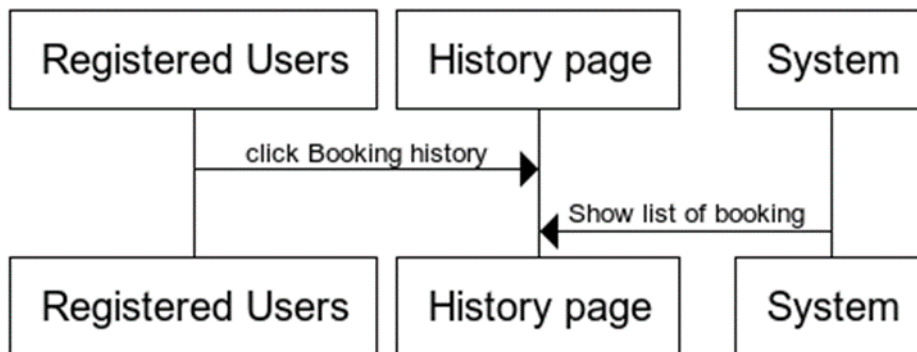
View booking detail



2.5. View Booking History

Author	Hoang Thien An	
Use Case Name	View booking history	
Actors	Registered Users	
Description	Registered Users can view their booking history	
	Actor Action	System Responses
Basic Flow	1. User click on service used history in dropdown list of the phone number	2. Display all services + booking info that user have used
Alterative flow		

View booking history



2.6. Delete booking history

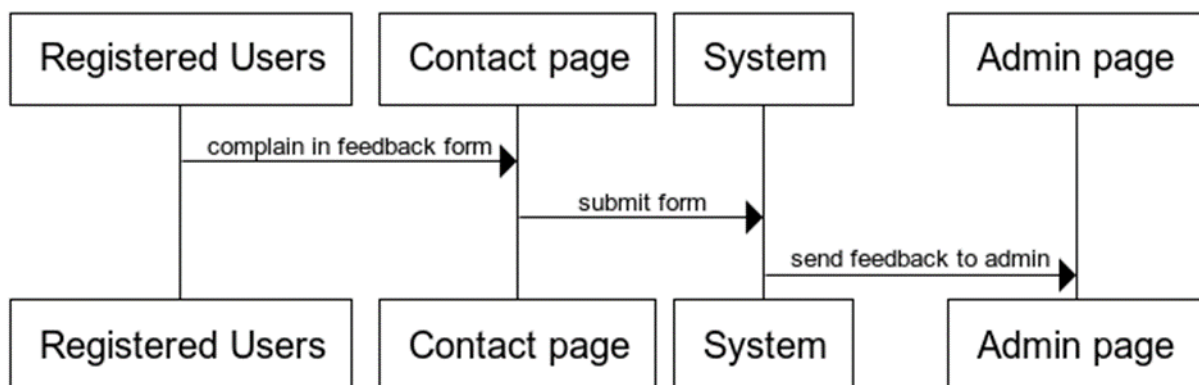
Author	Hoang Thien An	
Use Case Name	Delete booking history	
Actors	Registered Users	
Description	Registered Users can delete their booking history if they want	
	Actor Action	System Responses
Basic Flow	User click on delete all in page service used history	Delete all services history user used
Alterative flow		

2.7. Add complaint

Author	Hoang Thien An
Use Case Name	Add complain
Actors	Registered Users

Description	Registered Users can complain if they unsatisfied with the hairstyle they want	
	Actor Action	System Responses
Basic Flow	User can complain in feedback form if they are unsatisfied	The form will send to admin
Alterative flow		

Add complain

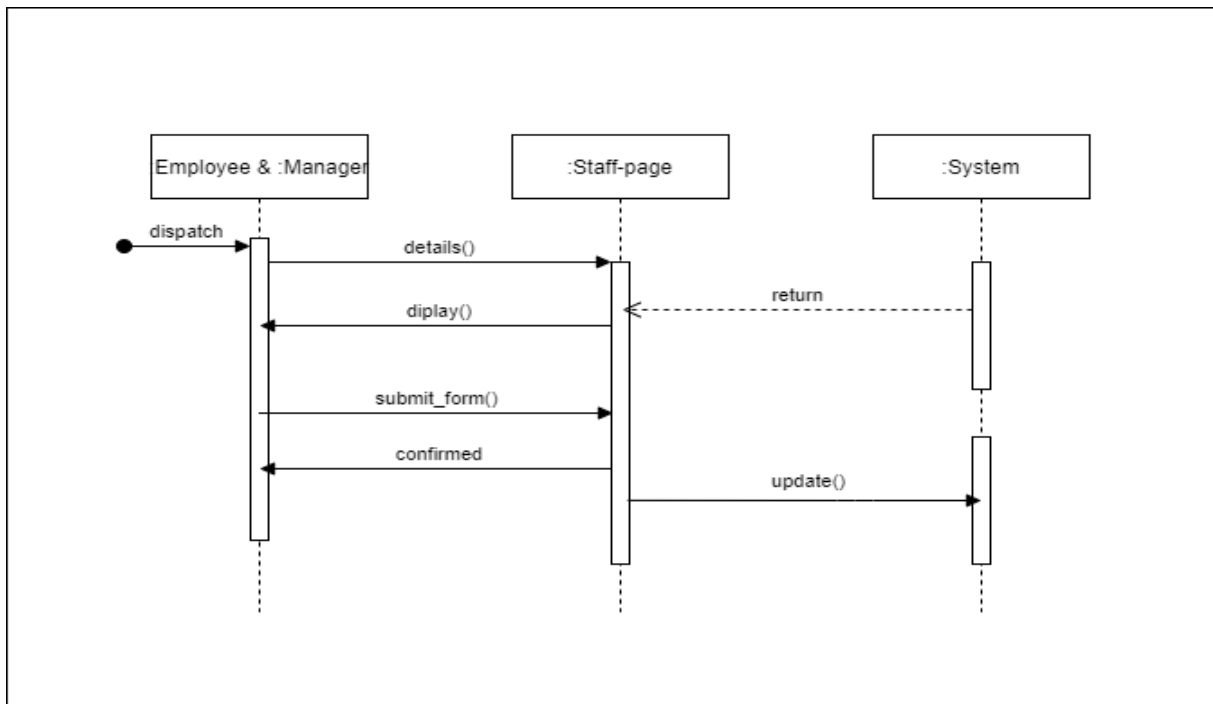


3. Manager

3.1. Update personal information

Author	Le Minh	
Use Case Name	Update personal information	
Actors	Manager	
Description	The employee has change home address , phone number, email	
	Actor Action	System Responses

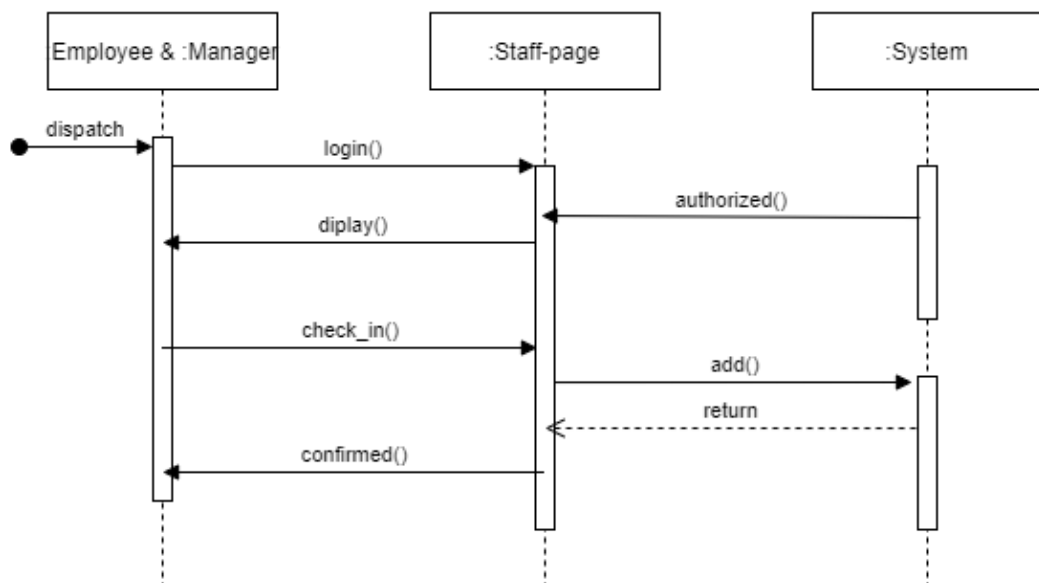
Basic Flow	Step 1: Click on details Step 3: Click on update Step 5: Input edit information Step 6: Confirmed	Step 2: Display all details Step 4: Show the update form
Alterative flow		



3.2. Take turn with booking

Author	Le Minh	
Use Case Name	Take turn with booking	
Actors	Manager	
Description	The manager will match the employee with the appointment that has been check-in in shop	
	Actor Action	System Responses

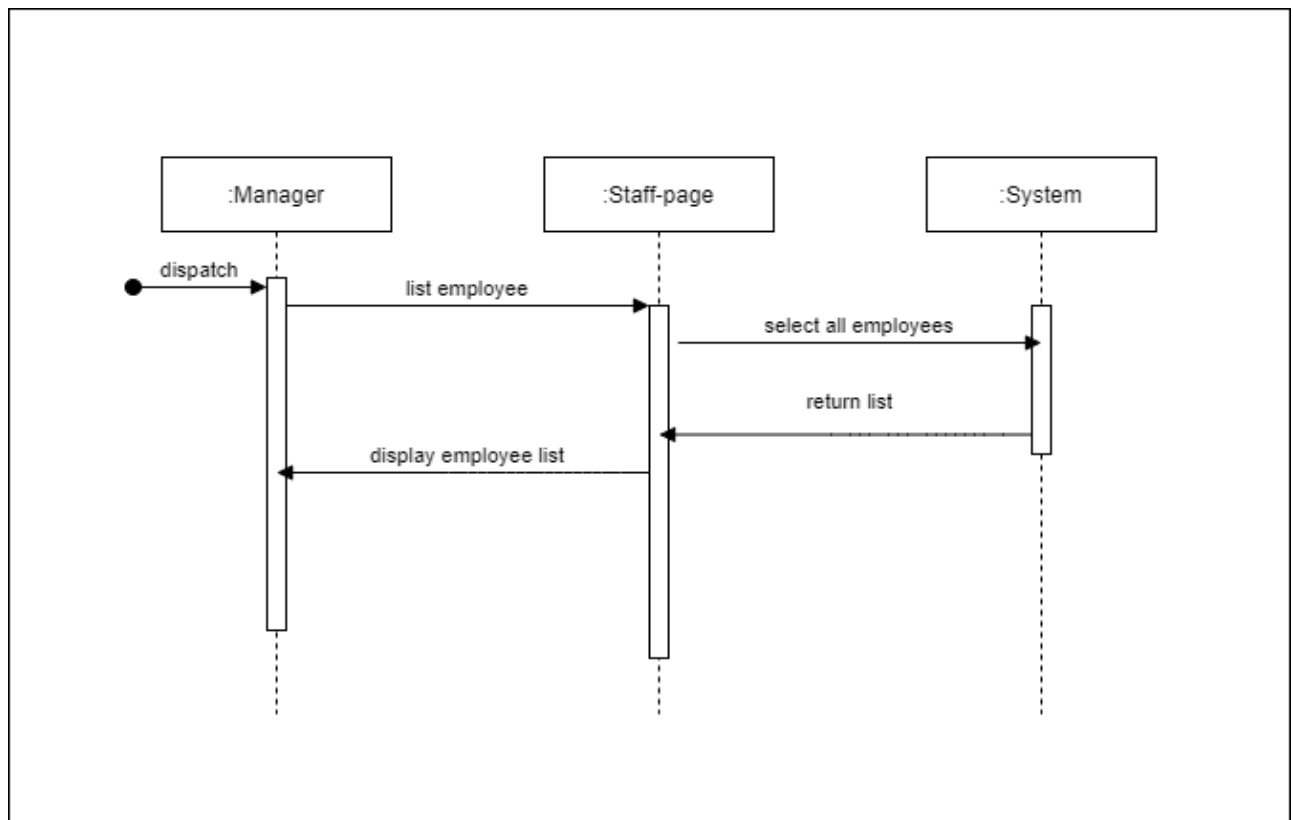
Basic Flow	Step 1: Click on show waiting list Step 4: Select employee Step 5: Click confirm	Step 2: Choose the appointment Step 3: Show detail appointment and show dropdown employee list Step 6: Add to Turn table
Alterative flow		



3.3. View employee history turn

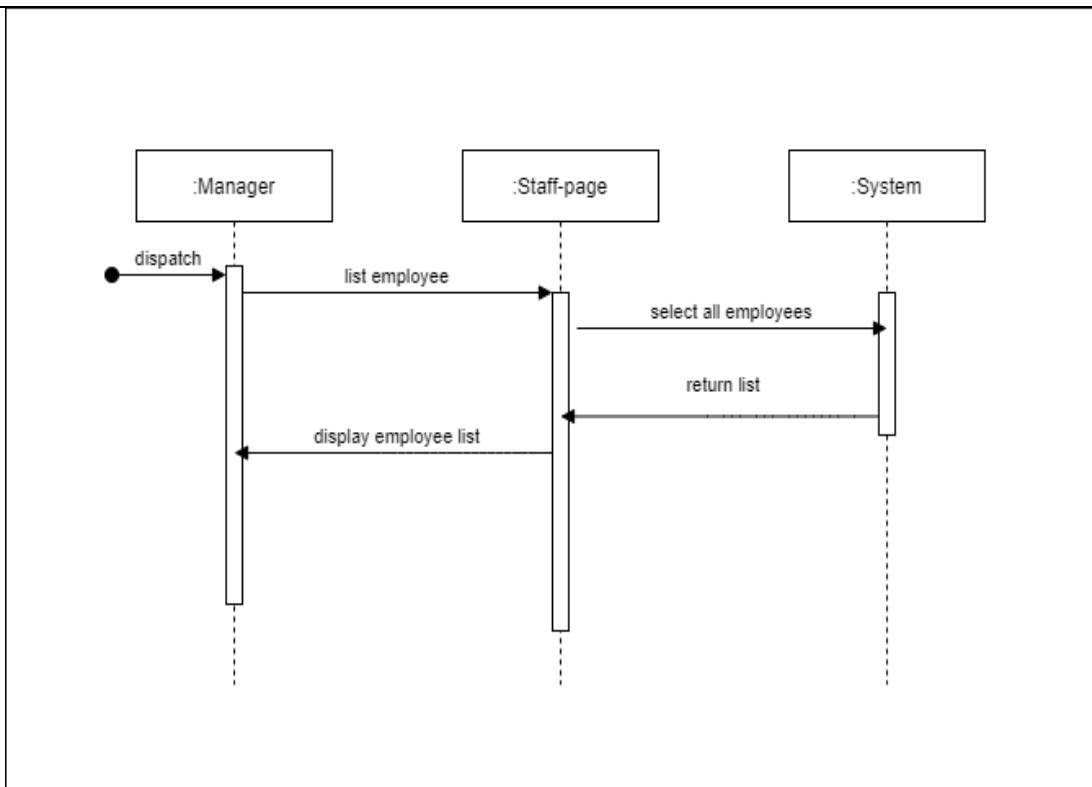
Author	Le Minh
Use Case Name	View employee history turn
Actors	Employee

Description	The employee can check their turn in a day	
	Actor Action	System Responses
Basic Flow	Step 1: Click on details	Step 2: Display all details
Alterative flow	Step 3: They can check their amount , that they make	Step 4: Click “Home”



3.4. View all staff information

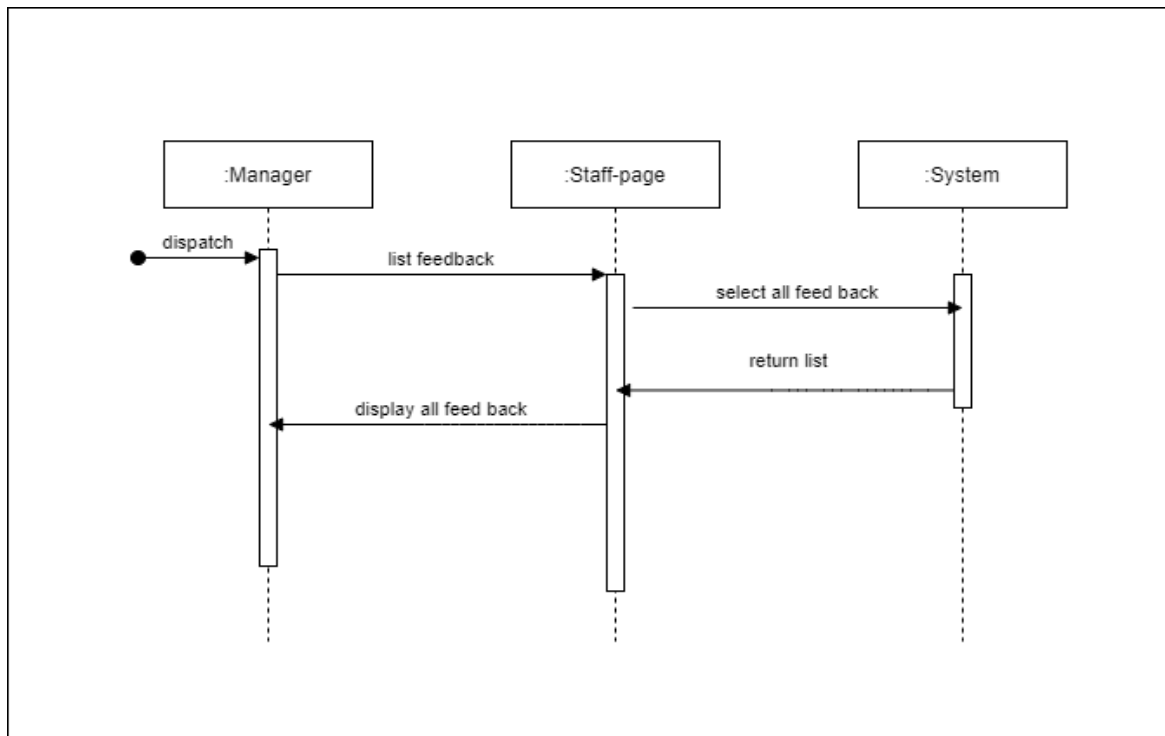
Author	Le Minh	
Use Case Name	View all staff information	
Actors	Manager	
Description	The manager can view all staffs information in their store, view their salary	
	Actor Action	System Responses
Basic Flow	Step 1: Click on employee list button Step 3: Click on a specific employee	Step 2: Display all employee Step 4: display employee's details
Alterative flow		



3.5. View feedback

Author	Le Minh	
Use Case Name	View feedback	
Actors	Manager and Admin	
Description	The manager can view feedback from customer	
	Actor Action	System Responses

Basic Flow	<p>Step 1: Click on feedback list</p> <p>Step 3: Click on a specific feedback</p>	<p>Step 2: Display all feedback</p> <p>Step 4: display customer feedback</p>
Alternative flow		



3.6. Making payment

Author	Le Minh
Use Case Name	Making payment
Actors	Manager, customer

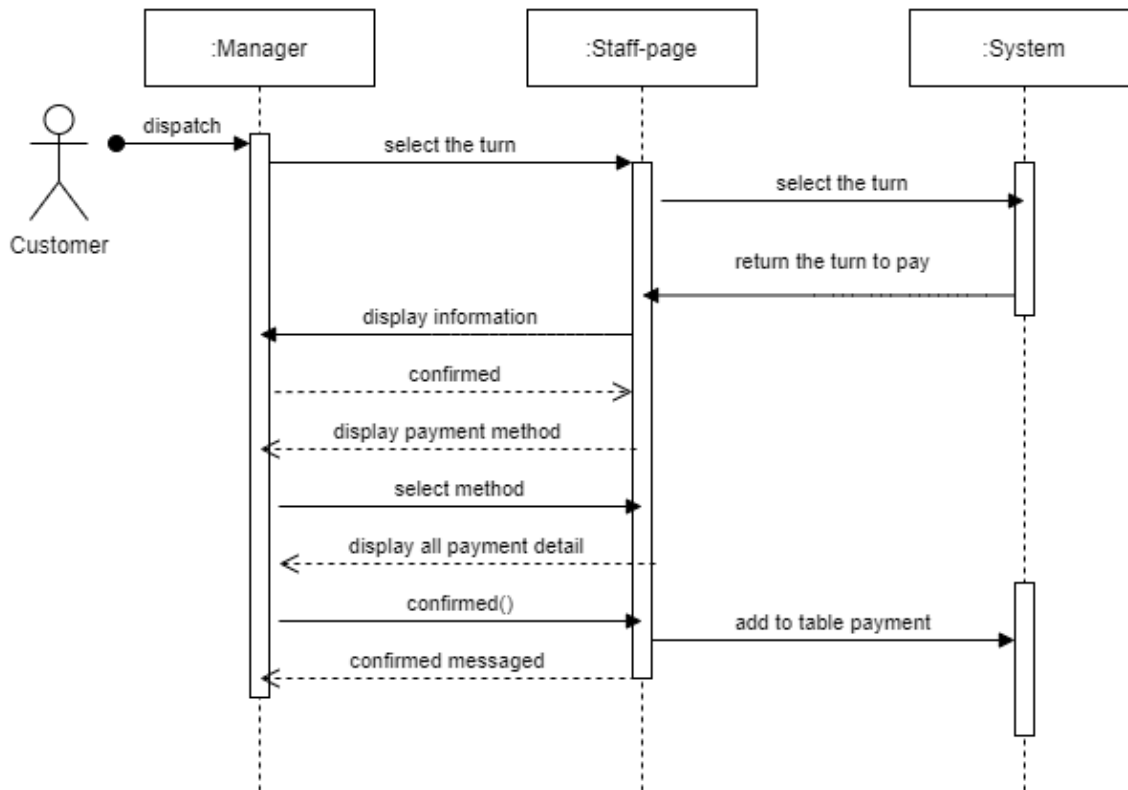
FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

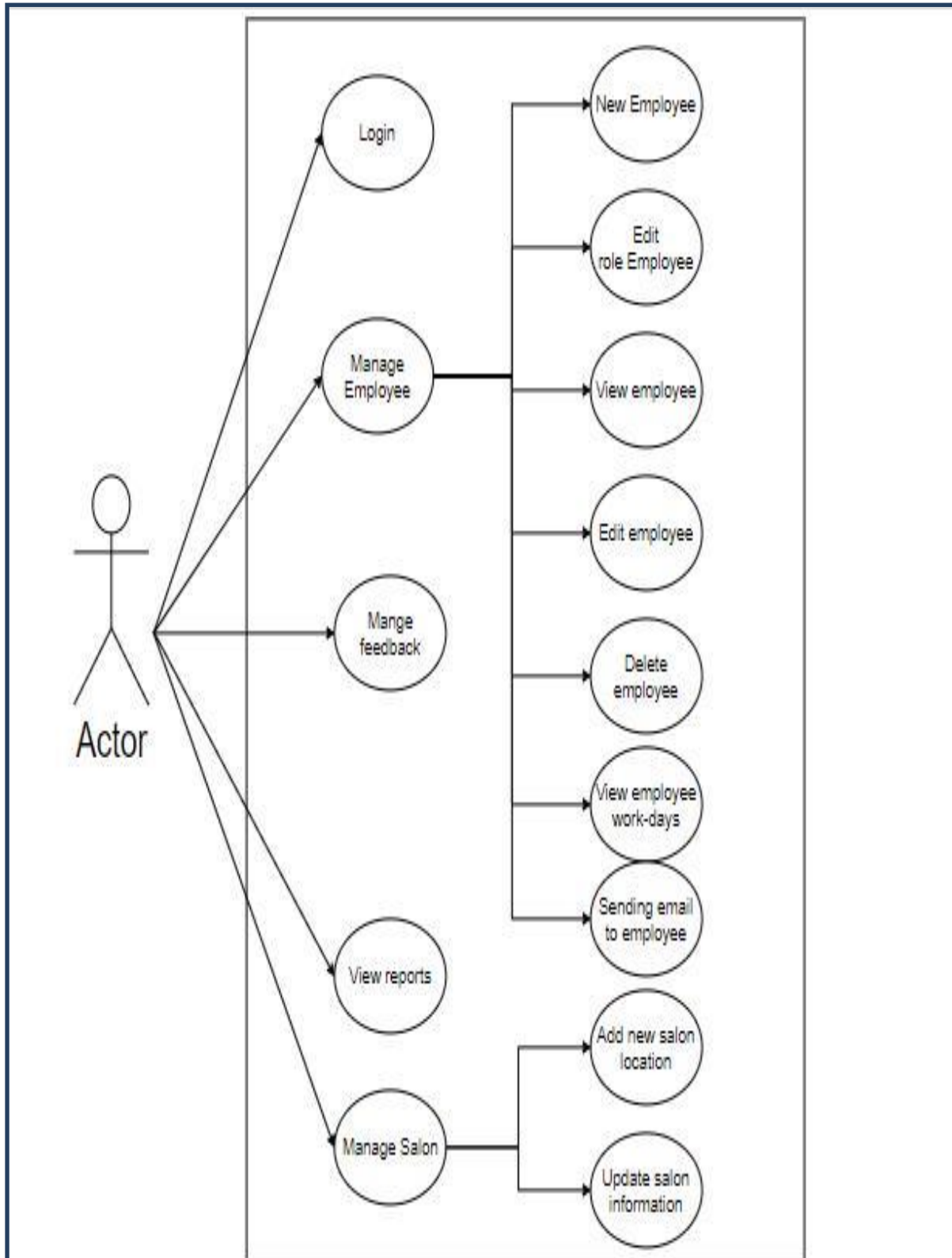
Description	The customer after finish their service, they come to front table and make payment	
	Actor Action	System Responses
Basic Flow	Step 1: Click on Turn table list Step 2: Choose the customer appointment Step 4: Confirm to next step Step 6: Choose the payment medthod and click confirm to next step Step 8: Confirm	Step 3: Display information of the appointment Step 5: Display form of payment method Step 7: Display all payment detail
Alterative flow	Step 9: Click “No”	Step 10: Go back to turn table list

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

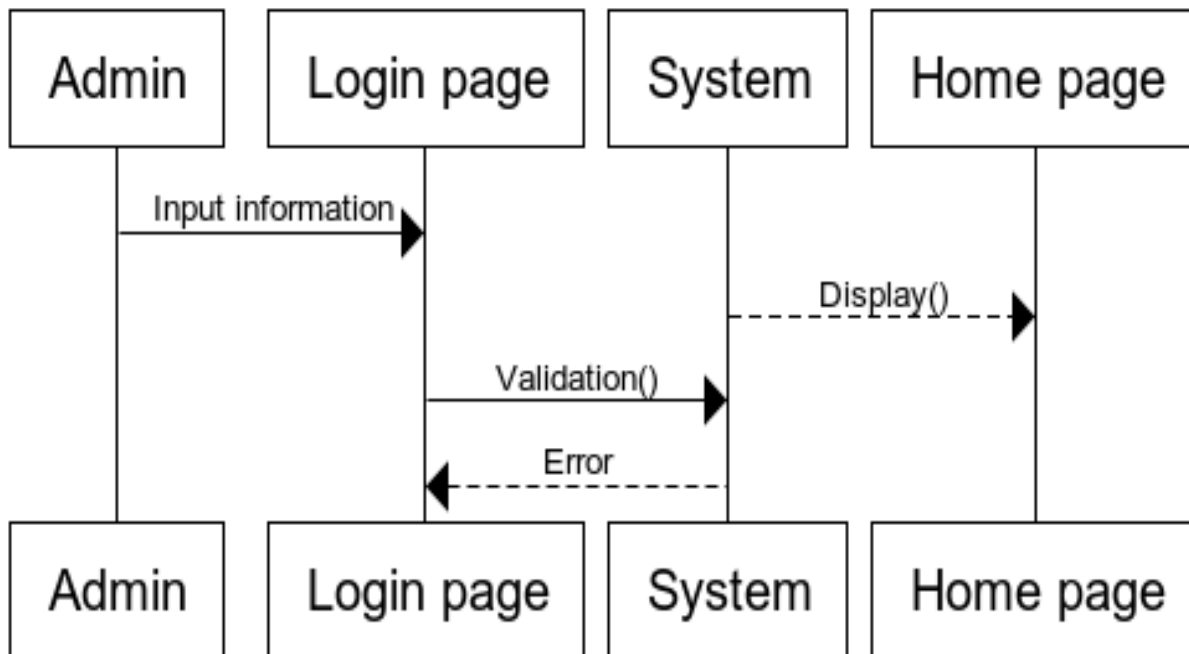


4. Administrator



4.1. Login

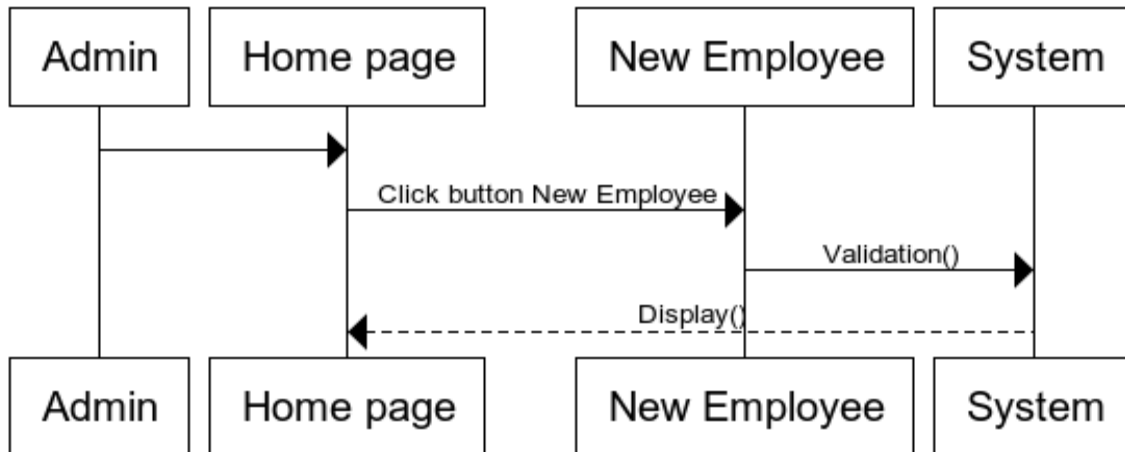
Author	Nguyễn Minh Thoại	
Use Case Name	Login	
Actors	Admin	
Description	Admin log in with their registered email and password.	
	Actor Actions	System Responses
Basic flow	1. Input email and password and clicks on Submit button	2. System check email and password [Exception 1] 3. System tracks the user's information and display Home page
Exception	[Exception 1] 1. Actor left the Email blank 2. Actor left the Password blank 3. Actor inputs wrong email or password	Display error message: - "Email can not be blank" - "Password can not be blank" - "Wrong email or Password"



4.2. New Employee

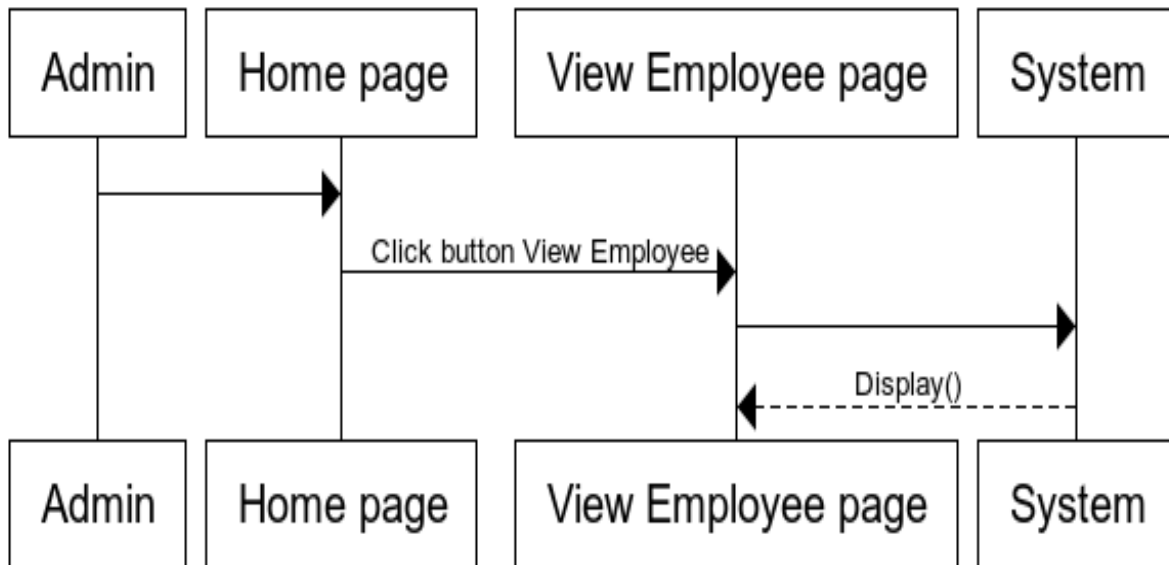
Author	Nguyễn Minh Thoại	
Use Case Name	New employee	
Actors	Admin	
Description	Admin click button new employee to create new employee	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor input: phone number, password, first name, last name, role, salon id, thumbnail, is active, nickname, email, home address, date of birth, is available, is online booking available	2. System check the information [Exception 1] 3. Create new employee to data in employee table

Exception	[Exception 1] 1. Actor left all field blank	Display error message: - all field “can not blank”
------------------	--	---



4.3. View Employee

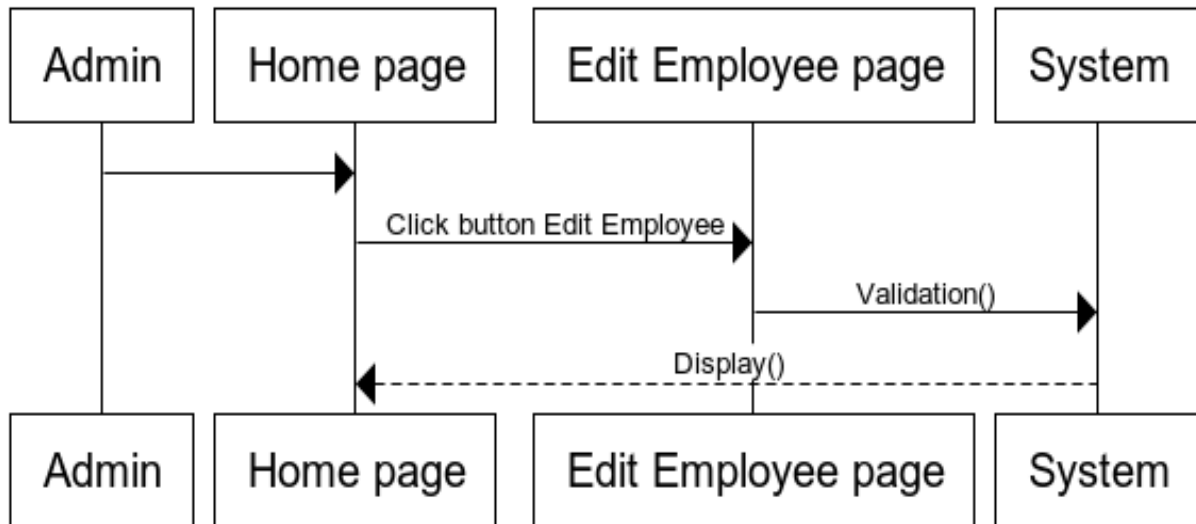
Author	Nguyễn Minh Thoại	
Use Case Name	View employee	
Actors	Admin	
Description	Admin clicks View employee button to view employee information	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor click view employee	2. Display employee information
Exception		



4.4. Edit employee

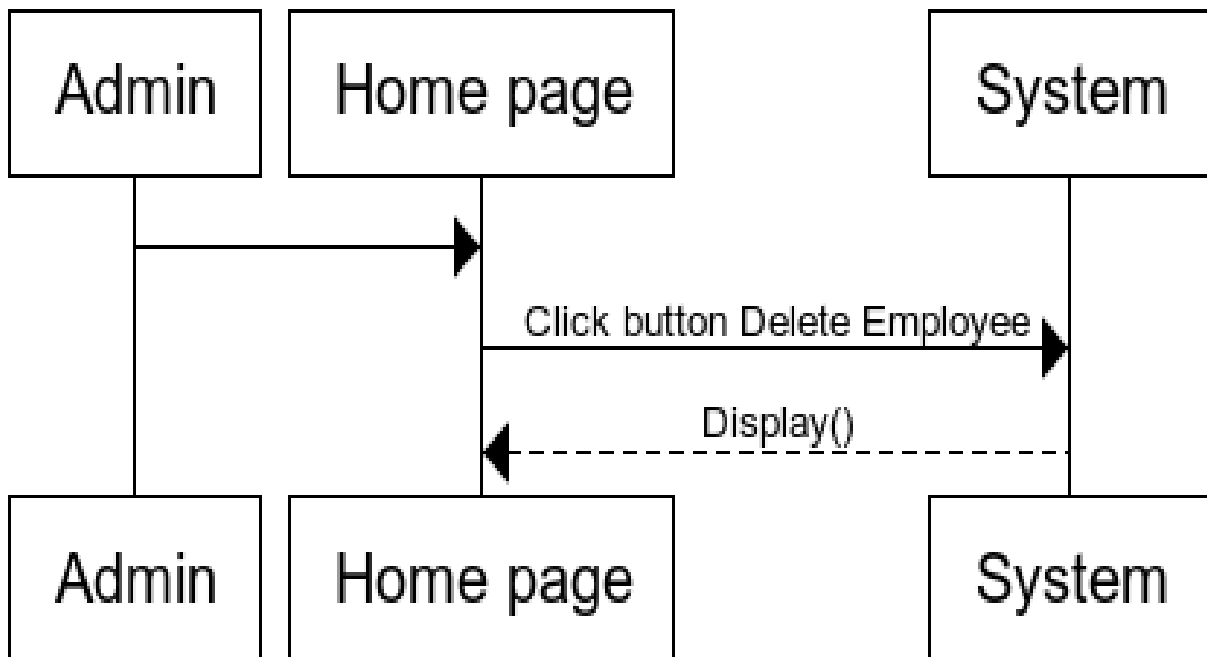
Author	Nguyễn Minh Thoại	
Use Case Name	Edit employee	
Actors	Admin	
Description	Admins want to update existed employee's information	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor input information to input fields: phone number, password, first name, last name, role, salon id, thumbnail, is active, nickname, email, home address, date of birth, is available, is online booking available	2. System check the information [Exception 1] 3. Update new employee information in table.

Exception	[Exception 1] 1. Actor left all field blank	Display error message: - all field “can not blank”
------------------	--	---



4.5. Delete Employee

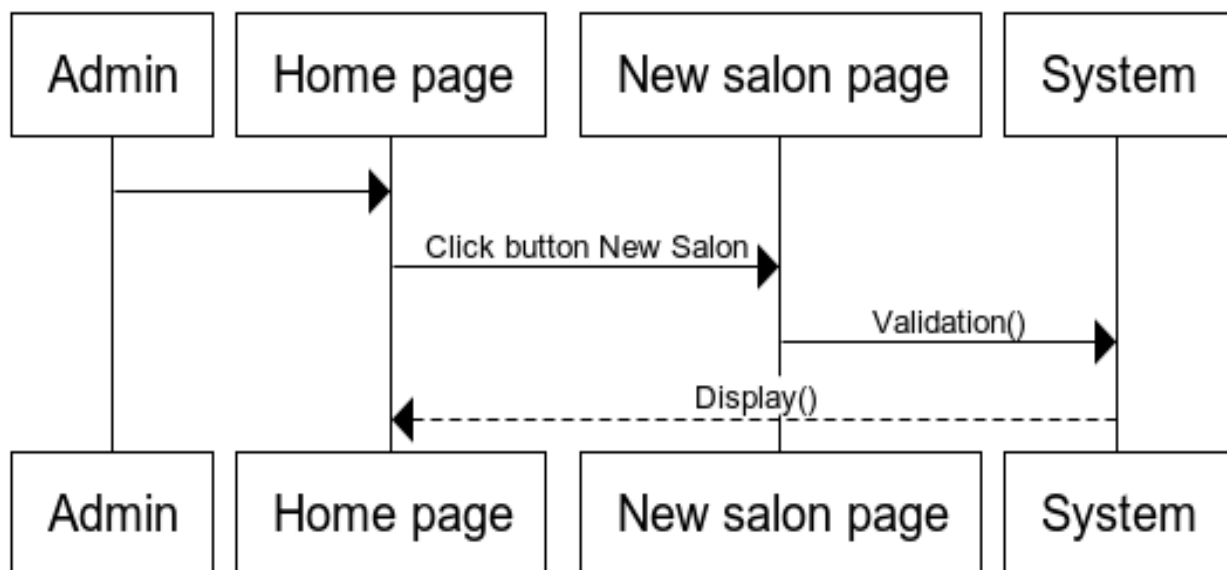
Author	Nguyễn Minh Thoại	
Use Case Name	Edit employee	
Actors	Admin	
Description	Admins want to delete existed employee	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor click button delete	2. System delete employee's information
Exception		



4.6. Add new salon

Author	Nguyễn Minh Thoại	
Use Case Name	New salon	
Actors	Admin	
Description	Admin click button new salon to create new salon	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor input: salon name, address, email, thumbnail, phone number, opening hour, minute in one time slot, is available for booking, number of turn in one time slot is opened, is	2. System check the information [Exception 1] 3. Create new salon to data in salon table

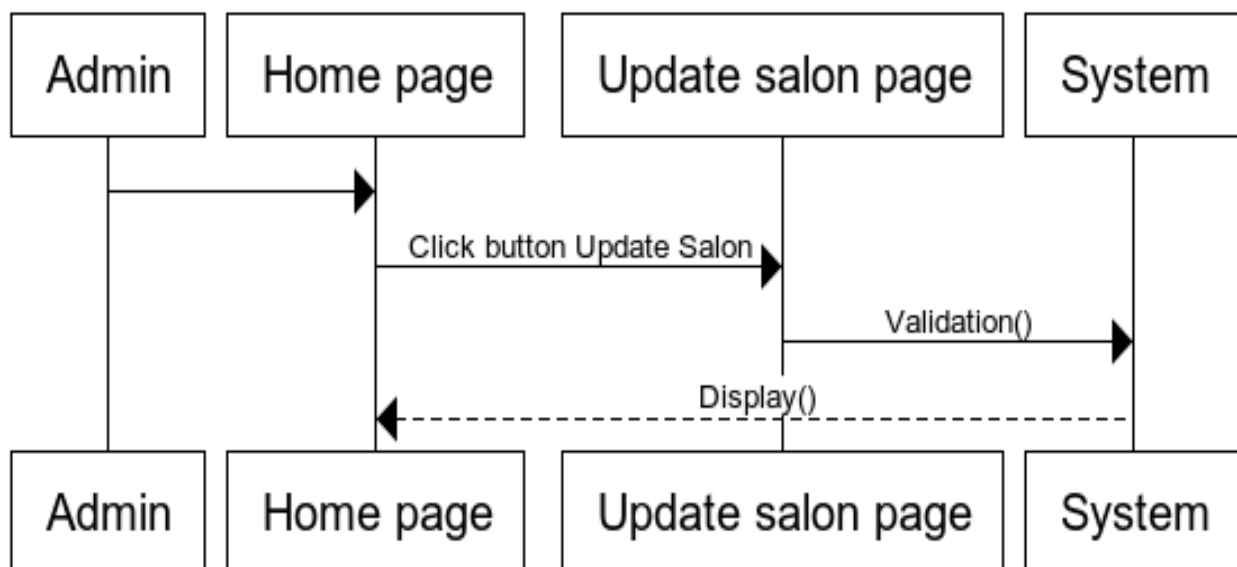
	car parking available	
Exception	[Exception 1] 1. Actor left all field blank	Display error message: - all field “can not blank”



4.7. Update Salon

Author	Nguyễn Minh Thoại	
Use Case Name	Update salon	
Actors	Admin	
Description	Admins want to update existed salon's information	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Actor input information to input fields: salon name, address, email, thumbnail, phone number, opening hour, minute in one time slot, í	2. System check the information [Exception 1] 3. Update new salon information in table.

	available for booking, number of turn in one time slot is opened, is car parking available	
Exception	[Exception 1] 1. Actor left all field blank	Display error message: - all field “can not blank”



Task Sheet 2

Project Ref. No.: Barberia		Project Title:	Activity Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Use Case	BARBERIA	Hoang Thien An	18/07/2021	5	Le Minh	100%
2	Table Relationship Diagram			18/07/2021	5	Le Minh	100%
3	Data Flow Diagram			18/07/2021	5	Hoang Thien An	100%
4	Sequence Diagram			18/07/2021	5	All members	100%

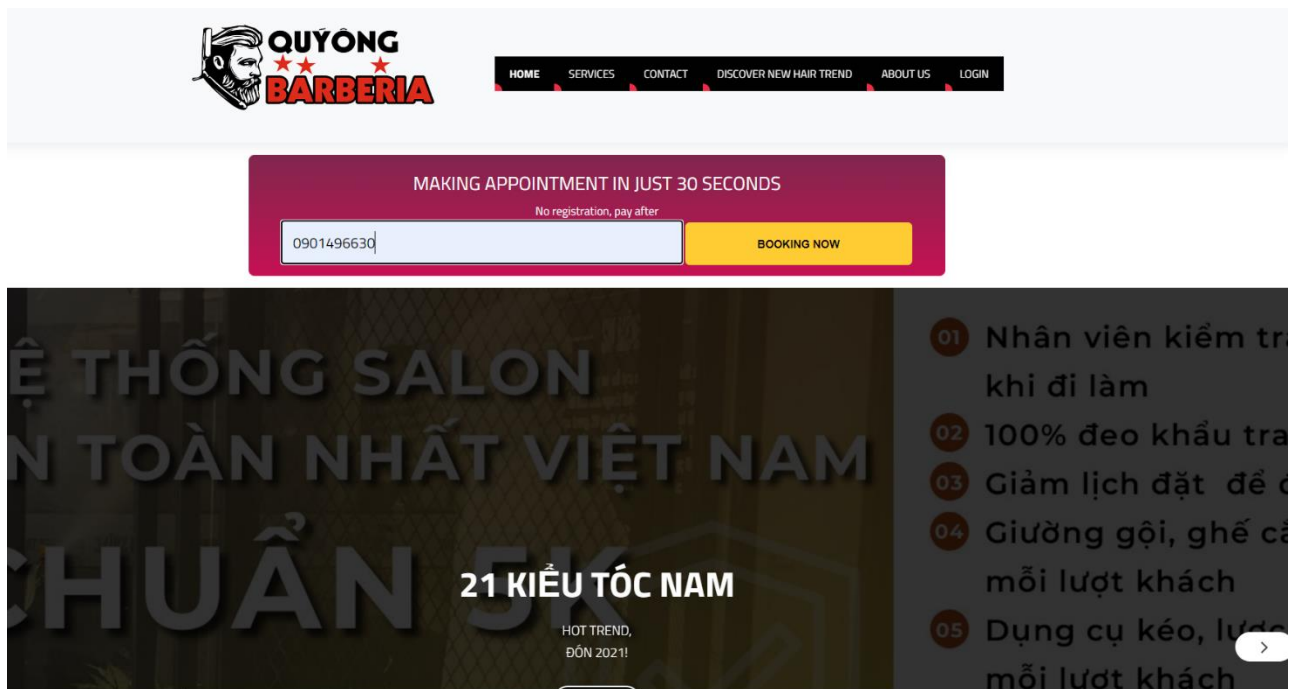
Date: 25/7/2021	
Signature of Instructor:	Signature of Team Leader:
MR. NGO PHUOC NGUYEN	Le Minh

Review 3

GUI Design

For Customer

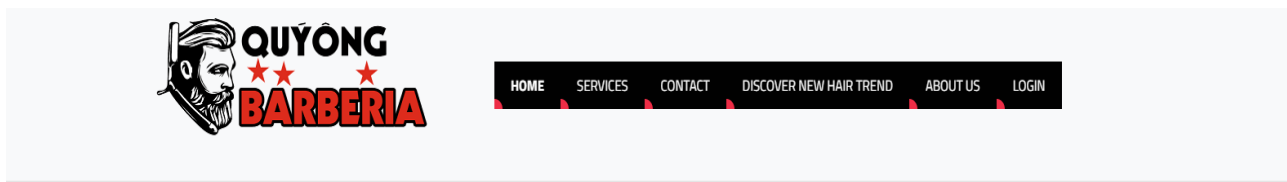
I. Home page



No	Name	Type	Validation	Event	Description	Status
1.	Home page	Link		Click	Click go to Home page	Enable
2.	Services	Link		Click	Click go to Services page	Enable
3.	Contact	Link		Click	Click go to Contact page	Enable
4.	Hair style	Link		Click	Click go to Hair style page	Enable
5.	About	Link		Click	Click go to About page	Enable
6.	Login	Link		Click	Click go to Login page	Enable

7.	Text box	Text box	Requested format	Click	Input phone number	Enable
8.	Button	Button		Click	Click go to Booking page	Enable

II. Booking:



KEEP YOUR SIT IN JUST 30 SECONDS, ONLY WITH PHONE NUMBER, CANCEL ANYTIME

BOOKING INFORMATION

Salon name
 BARBERIA - CÁCH MẠNG THÁNG 8

Salon address
 590 Cách Mạng Tháng 8, Phường 11, Quận 3, Thành phố Hồ Chí Minh

Your phone number
 0901496630

Pick your services

Check me

☒ Cắt tóc thường (-50K-)
 ☐ Tẩy da chết, đắp mặt nạ (-40K-)
 ☐ COMBO CẮT GỘI (-199K-)
 ☐ Cắt - Xả - Tạo kiểu (-70K-)

Pick your free time

Chọn thời gian

Ngày 09-08	Ngày 10-08	Ngày 11-08	Ngày 12-08	Ngày 13-08
<input type="radio"/> 9 giờ 0 phút	<input type="radio"/> 9 giờ 0 phút	<input type="radio"/> 9 giờ 0 phút	<input type="radio"/> 9 giờ 0 phút	<input type="radio"/> 9 giờ 0 phút
<input type="radio"/> 9 giờ 30 phút	<input type="radio"/> 9 giờ 30 phút	<input type="radio"/> 9 giờ 30 phút	<input type="radio"/> 9 giờ 30 phút	<input type="radio"/> 9 giờ 30 phút
<input type="radio"/> 10 giờ 0 phút	<input type="radio"/> 10 giờ 0 phút	<input type="radio"/> 10 giờ 0 phút	<input type="radio"/> 10 giờ 0 phút	<input type="radio"/> 10 giờ 0 phút
<input type="radio"/> 10 giờ 30 phút	<input type="radio"/> 10 giờ 30 phút	<input type="radio"/> 10 giờ 30 phút	<input type="radio"/> 10 giờ 30 phút	<input type="radio"/> 10 giờ 30 phút
<input type="radio"/> 11 giờ 0 phút	<input type="radio"/> 11 giờ 0 phút	<input type="radio"/> 11 giờ 0 phút	<input type="radio"/> 11 giờ 0 phút	<input type="radio"/> 11 giờ 0 phút
<input type="radio"/> 11 giờ 30 phút	<input type="radio"/> 11 giờ 30 phút	<input type="radio"/> 11 giờ 30 phút	<input type="radio"/> 11 giờ 30 phút	<input type="radio"/> 11 giờ 30 phút
<input type="radio"/> 12 giờ 0 phút	<input type="radio"/> 12 giờ 0 phút	<input type="radio"/> 12 giờ 0 phút	<input type="radio"/> 12 giờ 0 phút	<input type="radio"/> 12 giờ 0 phút
<input type="radio"/> 12 giờ 30 phút	<input type="radio"/> 12 giờ 30 phút	<input type="radio"/> 12 giờ 30 phút	<input type="radio"/> 12 giờ 30 phút	<input type="radio"/> 12 giờ 30 phút
<input type="radio"/> 13 giờ 0 phút	<input type="radio"/> 13 giờ 0 phút	<input type="radio"/> 13 giờ 0 phút	<input type="radio"/> 13 giờ 0 phút	<input type="radio"/> 13 giờ 0 phút
<input type="radio"/> 13 giờ 30 phút	<input type="radio"/> 13 giờ 30 phút	<input type="radio"/> 13 giờ 30 phút	<input type="radio"/> 13 giờ 30 phút	<input type="radio"/> 13 giờ 30 phút
<input type="radio"/> 14 giờ 0 phút	<input type="radio"/> 14 giờ 0 phút	<input type="radio"/> 14 giờ 0 phút	<input type="radio"/> 14 giờ 0 phút	<input type="radio"/> 14 giờ 0 phút
<input type="radio"/> 14 giờ 30 phút	<input type="radio"/> 14 giờ 30 phút	<input type="radio"/> 14 giờ 30 phút	<input type="radio"/> 14 giờ 30 phút	<input type="radio"/> 14 giờ 30 phút
<input type="radio"/> 15 giờ 0 phút	<input type="radio"/> 15 giờ 0 phút	<input type="radio"/> 15 giờ 0 phút	<input type="radio"/> 15 giờ 0 phút	<input type="radio"/> 15 giờ 0 phút
<input type="radio"/> 15 giờ 30 phút	<input type="radio"/> 15 giờ 30 phút	<input type="radio"/> 15 giờ 30 phút	<input type="radio"/> 15 giờ 30 phút	<input type="radio"/> 15 giờ 30 phút
<input type="radio"/> 16 giờ 0 phút	<input type="radio"/> 16 giờ 0 phút	<input type="radio"/> 16 giờ 0 phút	<input type="radio"/> 16 giờ 0 phút	<input type="radio"/> 16 giờ 0 phút
<input type="radio"/> 16 giờ 30 phút	<input type="radio"/> 16 giờ 30 phút	<input type="radio"/> 16 giờ 30 phút	<input type="radio"/> 16 giờ 30 phút	<input type="radio"/> 16 giờ 30 phút
<input type="radio"/> 17 giờ 0 phút	<input type="radio"/> 17 giờ 0 phút	<input type="radio"/> 17 giờ 0 phút	<input type="radio"/> 17 giờ 0 phút	<input type="radio"/> 17 giờ 0 phút
<input type="radio"/> 17 giờ 30 phút	<input type="radio"/> 17 giờ 30 phút	<input type="radio"/> 17 giờ 30 phút	<input type="radio"/> 17 giờ 30 phút	<input type="radio"/> 17 giờ 30 phút
<input type="radio"/> 18 giờ 0 phút	<input type="radio"/> 18 giờ 0 phút	<input type="radio"/> 18 giờ 0 phút	<input type="radio"/> 18 giờ 0 phút	<input type="radio"/> 18 giờ 0 phút
<input type="radio"/> 18 giờ 30 phút	<input type="radio"/> 18 giờ 30 phút	<input type="radio"/> 18 giờ 30 phút	<input type="radio"/> 18 giờ 30 phút	<input type="radio"/> 18 giờ 30 phút
<input type="radio"/> 19 giờ 0 phút	<input type="radio"/> 19 giờ 0 phút	<input type="radio"/> 19 giờ 0 phút	<input type="radio"/> 19 giờ 0 phút	<input type="radio"/> 19 giờ 0 phút
<input type="radio"/> 19 giờ 30 phút	<input type="radio"/> 19 giờ 30 phút	<input type="radio"/> 19 giờ 30 phút	<input type="radio"/> 19 giờ 30 phút	<input type="radio"/> 19 giờ 30 phút

Anh đi cắt cùng nhiều người ? (nếu khung giờ không đủ thợ cho cả nhóm salon sẽ gọi xác nhận lại)

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

YOUR ARE DONE

You have been successful schedule with us! Please come before you booking 10 minute to check-in.

Your phone number:
0901496630

Booking time:
15-08-2021, 9 giờ 0 phút

Your services: **Prepare money:**

Cắt tóc thường **50,000 VND** **50,000 VND**

[GO BACK HOME](#)

[HOME](#) [SERVICES](#) [CONTACT](#) [BOOKING](#)

All Rights Reserved. © 2018 StyleBarber Design By : Group 1

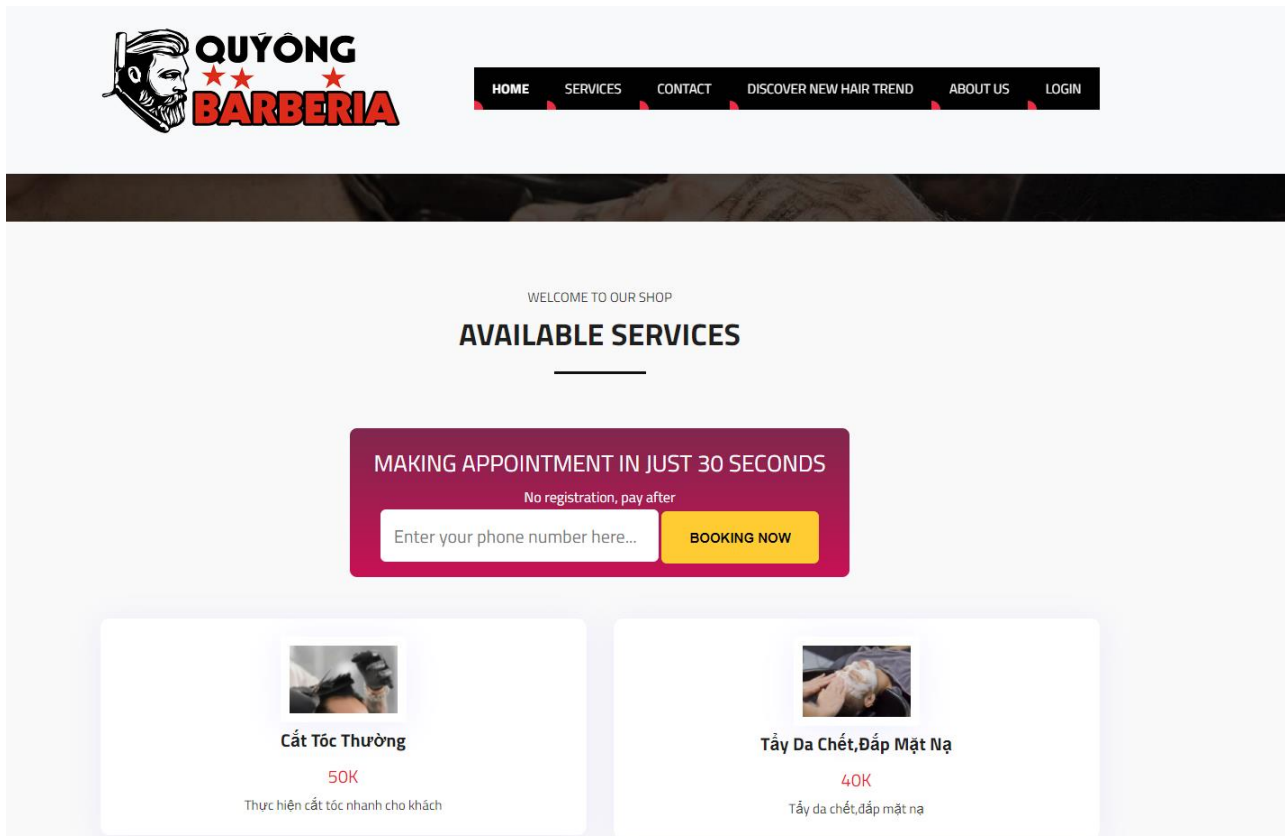
No	Name	Type	Validation	Event	Description	Status
1	Home page	Link		Click	Click go to Home page	Enable
2	Services	Link		Click	Click go to Services page	Enable
3	Contact	Link		Click	Click go to Contact page	Enable
4	Hair style	Link		Click	Click go to Hair style page	Enable
5	About	Link		Click	Click go to About page	Enable
6	Login	Link		Click	Click go to Login page	Enable
7	Button	Button		Click	Click go to Home page	Enable

III. Contact

No	Name	Type	Validation	Event	Description	Status
1	Home page	Link		Click	Click go to Home page	Enable
2	Services	Link		Click	Click go to Services page	Enable
3	Contact	Link		Click	Click go to Contact page	Enable
4	Hair style	Link		Click	Click go to Hair style page	Enable
5	About	Link		Click	Click go to About page	Enable
6	Login	Link		Click	Click go to Login page	Enable
7	Text box	Text box	Not Blank	Click	Input text	Enable

8	Button	Button		Click	Click to submit form	Enable
---	--------	--------	--	-------	----------------------	--------

IV. Services



No	Name	Type	Validation	Event	Description	Status
1	Home page	Link		Click	Click go to Home page	Enable
2	Services	Link		Click	Click go to Services page	Enable
3	Contact	Link		Click	Click go to Contact page	Enable
4	Hair style	Link		Click	Click go to Hair style page	Enable
5	About	Link		Click	Click go to About page	Enable
6	Login	Link		Click	Click go to Login	Enable

					page	
7	Text box	Text box	Requested format	Click	Input phone number	Enable
8	Button	Button		Click	Click go to Booking page	Enable

V. HAIR STYLES

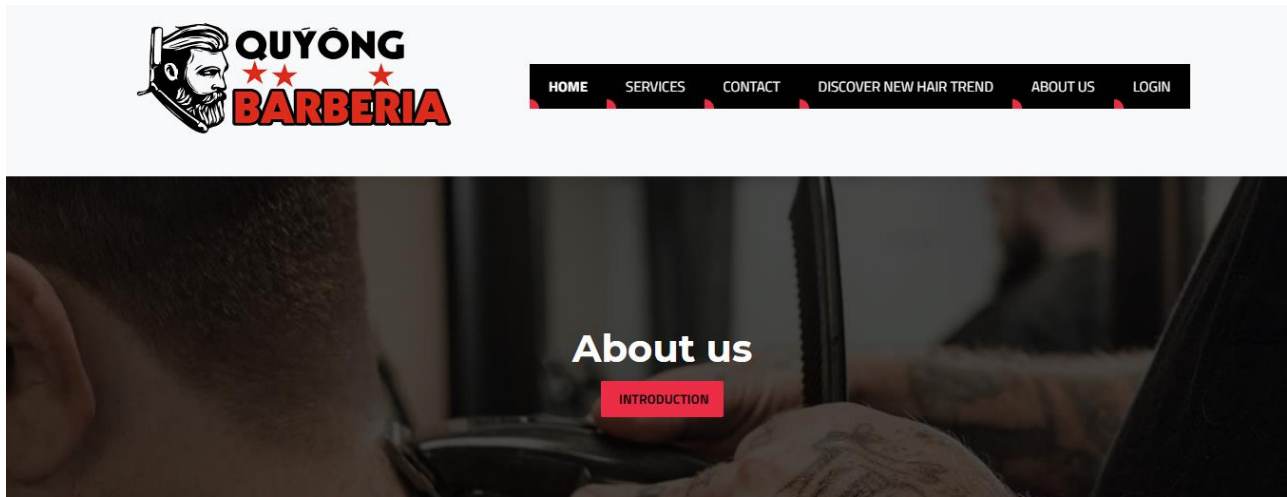


Discover

OUR NEW TRENDS



VI. ABOUT US



INTRODUCTION

Welcome to Barberia

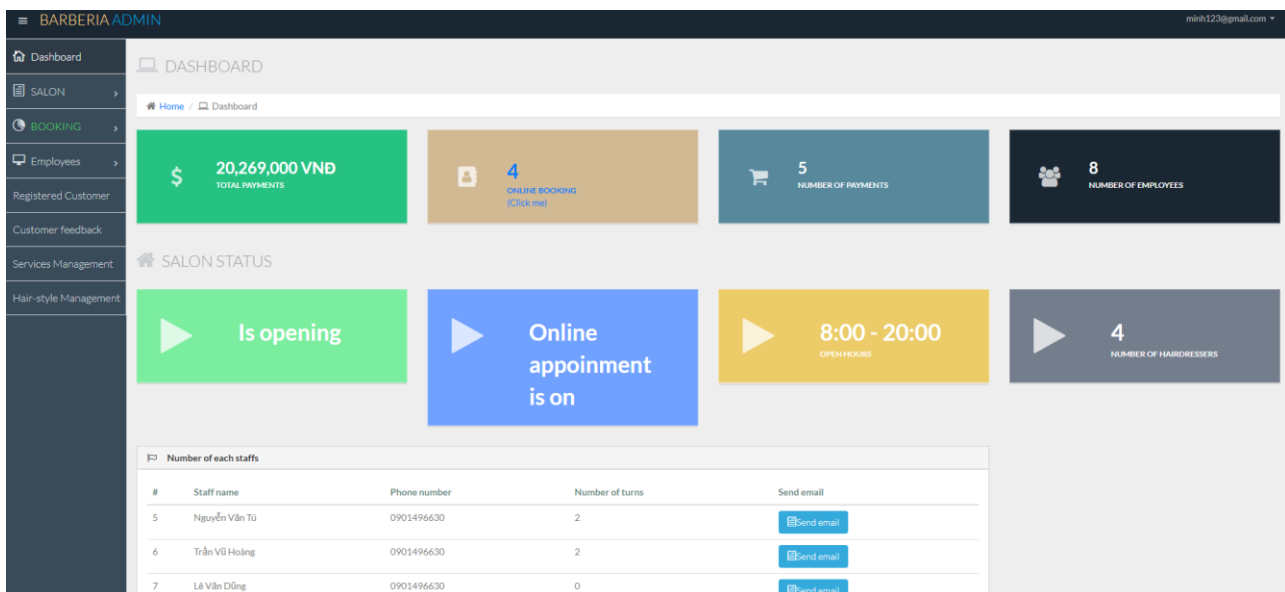
Sứ mệnh của Style Barber Store là giúp nam giới Việt Nam có được vẻ ngoài đẹp trai, tinh thần sảng khoái thu hút phái đẹp. Với kinh nghiệm phục vụ hàng triệu nam giới Việt thông qua việc chuyên cung cấp các sản phẩm chăm sóc tóc, da mặt, dầu gội... của chuỗi cắt tóc nam Style Barber. Style Barber Store khẳng định được vị thế là nhà phân phối mỹ phẩm nam chính hãng giá tốt nhất thị trường. Song song với sự phát triển của xã hội và nhu cầu chăm sóc tăng cao của nam giới vì chính ngoại hình giúp phái mạnh trở nên tự tin hơn, có nhiều cơ hội trong cuộc sống.



No	Name	Type	Validation	Event	Description	Status
1	Home page	Link		Click	Click go to Home page	Enable
2	Services	Link		Click	Click go to Services page	Enable
3	Contact	Link		Click	Click go to Contact page	Enable
4	Hair style	Link		Click	Click go to Hair style page	Enable
5	About	Link		Click	Click go to About page	Enable
6	Login	Link		Click	Click go to Login page	Enable

For Admin

I. DASHBOARD:



II. SALON INFO/ UPDATE

The "SALON DETAILS" page allows for updating the salon's information. It includes a sidebar menu and a main content area with the following fields and controls:

- Salon name:** BARBERIA - CÁCH MẠNG THÁNG 8
- Location address:** 590 Cách Mạng Tháng 8, Phường 11, Quận 3, Thành phố Hồ Chí Minh
- Email:** barberiaservices@gmail.com
- Phone number:** 0901998877
- Open at:** 09:00
- Close at:** 20:00
- Number of minute in one time slot:** 30
- Number of turn in one time slot:** 3
- Open online booking:** [ALLOW ONLINE BOOKING](#)
- IS OPENING:** [OPENING](#)
- CAR PARKING:** [AVAILABLE](#)

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

BARBERIAADMIN minh123@gmail.com

Dashboard | SALON | BOOKING | Employees | Registered Customer | Customer feedback | Services Management | Hair-style Management

UPDATE SALON

Home / Update

Update SALON

Salon Name:

Location address:

Email:

Phone number:

Open at:

Close at:

Number of minute in one time slot:

Number of turns in one time slot:
This number must not exceed the number of hairdressers

Online booking allow: ☒

IS OPENING: ☒

No	Name	Type	Validation	Event	Description	Status
1	Text Box	Text Box	Not null	Click	Input text to edit salon info	Enable
2	Dashboard	Link		Click	Click go to Dashboard	Enable
3	Salon	Link		Click	Click go to Salon page to view and edit info	Enable
4	Booking list	Link		Click	Click go to Booking list	Enable
5	Employee	Link		Click	Click go to Employee page, view and add and edit employee info	Enable
6	Registered customer list	Link		Click	Click to view customer list	Enable
7	Feedback	Link		Click	Click go to Feedback page	Enable
8	Services	Link		Click	Click go to Services page	Enable
9	Hair style	Link		Click	Click go to Dashboard	Enable
10	Button	Button		Click	Submit form	Enable

III. EMPLOYEE LIST:

#	Thumbnail	Last Name	First Name	Phone number	Address	Email	Role	Is Working	Actions
1		Lê	Minh	0901496630	1237 Hoàng Sa, P5, Quận Tân Bình	minh123@gmail.com	ADMIN	ĐANG HOẠT ĐỘNG	Edit Send email Delete
2		Nguyễn	Minh Thoại	0901496630	1237 Hoàng Sa, P5, Quận Tân Bình	thoi123@gmail.com	Manager	ĐANG HOẠT ĐỘNG	Edit Send email Delete
3		Lương	Vinh Hiền	0901496630	1237 Hoàng Sa, P5, Quận Tân Bình	hien123@gmail.com	Manager	ĐANG HOẠT ĐỘNG	Edit Send email Delete
4		Hoàng	Thiên Ân	0901496630	1237 Hoàng Sa, P5, Quận Tân Bình	an123@gmail.com	ADMIN	ĐANG HOẠT ĐỘNG	Edit Send email Delete

No	Name	Type	Validation	Event	Description	Status
1	Dashboard	Link		Click	Click go to Dashboard	Enable
2	Salon	Link		Click	Click go to Salon page to view and edit info	Enable
3	Booking list	Link		Click	Click go to Booking list	Enable
4	Employee	Link		Click	Click go to Employee page, view and add and edit employee info	Enable
5	Registered customer list	Link		Click	Click to view customer list	Enable
6	Feedback	Link		Click	Click go to Feedback page	Enable
7	Services	Link		Click	Click go to Services page	Enable
8	Hair style	Link		Click	Click go to Dashboard	Enable
9	Small Blue Button	Button		Click	Edit Employee info	Enable
10	Red button	Button		Click	Change working status	Enable

IV. ADD NEW EMPLOYEE

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

The screenshot shows a web application interface. In the background, there is a table titled 'Danh sách nhân viên' (Employee List) with columns for 'Ảnh' (Image), 'Họ' (Surname), 'Tên' (Name), 'Email', 'Chức vụ' (Position), and 'Hoạt động' (Status). The table contains four rows of employee data. Overlaid on top of this table is a modal form titled 'Thêm Nhân Viên Mới' (Add New Employee). The form has several input fields with labels and validation markers: (*)Tên gọi: (Name), (*)Họ: (Surname), (*)Tên: (First Name), (*)Hình nhân viên: (Employee Image) with a 'Choose File' button, (*)Số điện thoại: (Phone Number), (*)Chức vụ: (Position) with a dropdown menu showing 'ROLE_ADMIN', (*)Email: (Email), (*)Mật khẩu: (Password), (*)Xác nhận mật khẩu: (Confirm Password), (*)Địa chỉ nhà: (Home Address), and (*)Ngày sinh: (Date of Birth) with a date picker. At the bottom of the form is a checkbox labeled 'Hoạt động:'. The background table has the following data:

Ảnh	Họ	Tên	Email	Chức vụ	Hoạt động
	Lê	Minh	lminh123@gmail.com	ADMIN	ĐANG HOẠT ĐỘNG
	Nguyễn	Minh Thoại	ngminhthoai@gmail.com	Quản lý	ĐANG HOẠT ĐỘNG
	Lương	Vĩnh Hiến	luong123@gmail.com	Quản lý	ĐANG HOẠT ĐỘNG
	Hoàng	Thiên Ân	hoang123@gmail.com	ADMIN	ĐANG HOẠT ĐỘNG

No	Name	Type	Validation	Event	Description	Status
1	Text box	Text box	Not blank, requested format		Add new employee info	Enable
2	Button	Button		Click	Submit form	Enable
3	Choose file button	button		Click	Click to choose avatar of employee	Enable

V. BOOKING LIST

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

BARBERIA ADMIN						
Dashboard						
Danh sách khách đặt hẹn online						
Mã lịch hẹn	Tên khách hàng	Số điện thoại	Thời gian đặt hẹn	Mô tả	Trạng thái	Tác vụ
7		0901496630	Hôm nay, 12 giờ 0 phút		Chưa check-in	Check-in Hủy hẹn
6		0901496630	Hôm nay, 14 giờ 0 phút		Chưa check-in	Check-in Hủy hẹn
8		0901496630	11-08-2021, 10 giờ 30 phút		Chưa check-in	Check-in Hủy hẹn

VI. PAYMENT LIST

BARBERIA ADMIN						
Dashboard						
Danh sách đã thanh toán						
# Mã hóa đơn	Tên nhân viên phụ trách	Số điện thoại nhân viên	# Mã lịch hẹn	Thời gian lịch hẹn	Phương thức thanh toán	Hóa đơn
1	Lê Văn Dũng	0901496630	2	08-08-2021, 9 giờ 0 phút	Tiền mặt	199,000 VND
2	Nguyễn Văn Tú	0901496630	4	08-08-2021, 9 giờ 0 phút	Tiền mặt	90,000 VND
3	Nguyễn Văn Tú	0901496630	1	09-08-2021, 9 giờ 0 phút	Viễn từ MoMo	50,000 VND
4	Lê Văn Dũng	0901496630	3	09-08-2021, 12 giờ 0 phút	Viễn từ MoMo	40,000 VND
5	Huỳnh Tấn Phát	0901496630	9	08-08-2021, 18 giờ 30 phút	Tiền mặt	40,000 VND
6	Nguyễn Văn Tú	0901496630	10	09-08-2021, 9 giờ 0 phút	Viễn từ MoMo	359,000 VND
					TỔNG HÓA ĐƠN	
					778,000 VND	
Xuất report file HTML		Xuất report file PDF				

VII. PAYMENT REPORT

BARBERIA

Payment Reports

590 Cach Mang Thang Tam, 11 Ward, 3 District, Ho Chi Minh city

Id	Employee name	Time	Payment	Total bill
1	Vũ Hoàng	11-08-2021 16:00	MOMO wallet	50,000 vnd
2	Vũ Hoàng	14-09-2021 13:00	MOMO wallet	19,900,000 vnd
3	Văn Tú	12-08-2021 15:35	MOMO wallet	70,000 vnd
4	Tân Phát	13-08-2021 09:00	MOMO wallet	50,000 vnd
5	Văn Tú	13-08-2021 09:00	MOMO wallet	199,000 vnd

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Task Sheet 3

Project Ref. No.: Barberia		Project Title:	Activity Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Admin template	BARBERIA	Le Minh & Hoang Thien An	31/07/2021	1	Hoang Thien An	100%
2	Client template			31/07/2021	1		100%
3	Admin login (security)			30/07/2021	2		100%
4	Validation Regex			30/07/2021	2		100%
5	Client login (session)			30/07/2021	2		100%
6	Clients edit info			01/08/2021	1		100%
7	Clients view bookings			01/08/2021	1		100%
8	Contact (page)			01/08/2021	1		100%
9	Video presentation			08/08/2021	2		100%
10	User Guide			08/08/2021	1		100%
11	Contact View			31/07/2021	1	Vinh Hien	100%
12	Review 3			05/08/2021	1		100%

13	About(page)			05/08/2021	1		100%
14	Send email to customer via feedback			05/08/2021	2		100%
15	Integrated Email Sender			07/08/2021	1		100%
16	Customer (Detail)			31/07/2021	1		100%
17	Customer List(admin)			07/08/2021	1		100%
18	Hair styles (CRUD) and Hairstyle page client			31/07/2021	1	Minh Thoai	100%
19	Salon (UD)			01/08/2021	1		100%
20	Service (CRUD)			01/08/2021	1		100%
21	About us(client page)			31/07/2021	1		100%
22	Dashboard			31/07/2021	1		100%
23	Employee (CRUD)			01/08/2021	1		100%

24	Booking modules logic			31/07/2021	1	Le Minh	100%
25	Booking page design (client)			02/08/2021	3		100%
26	Database design & connect			31/07/2021	2		100%
27	Application Constructure			31/07/2021	2		100%
	Employee Salary			08/08/2021	1		100%
29	Payment management			02/08/2021	1		100%
30	Payment method with QR			08/08/2021	1		100%
31	Export payment report			08/08/2021	1		100%
32	Booking management (Admin)			03/08/2021	1		100%

Date: 30/7/2021

FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

Signature of Instructor:

MR. NGO PHUOC NGUYEN

Signature of Team Leader:

Le Minh