



CAPSTONE PROJECT REPORT

**EasyDoctor - An e-health platform that connects
patients and doctors**

Report 6 – Software User Guides

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I. Record of Changes

Date	A* M, D	In charge	Change Description
		WEB	https://easydoctors.herokuapp.com/
		VIDEO	https://www.youtube.com/playlist?list=PLCA6YmLMBvjjTTzTtruiUcNRzqlG_wEud

*A - Added M - Modified D - Deleted

II. Release Package & User Guides

1. Deliverable Package

No.	Deliverable Item	Description
1	Project Schedule	
2	Source Codes	EasyDoctor
3	Documents	
3.1	Introduction	Report1_Project Introduction.docx
3.2	Management plan	Report2_Project Management Plan.docx
3.3	Requirement	Report3_Software Requirement Specification.docx
3.4	Software design	Report4_Software Design Document.docx
3.5	Testing document	Report5_Test Documentation.docx
3.6	User Guides	Report6_Software User Guides.docx
3.7	Final Project Document	Report7_Final Project Report.docx

2. Installation Guides

2.1 System Requirements

2.1.1. Hardware requirement

Name	Name/ Version	Description
Internet Connection	Wifi	Wifi and Cable (20 Mbps or more)
Operating System	Window 10	Operating system and platform for development/production
Computer Processor	Intel® Core™ i5 Processors	
Computer Memory	>= 4GB	Minimum memory to store
Storage space	>= 128 GB SSD	Storage to run application

2.1.2. Software requirement

Name	Name/ Version	Description
Operating System	Window 10	Operating system and platform for development/production
Modelling Tool	https://draw.io/	Used to design diagrams

IDE	Visual Studio Code 2019, Eclipse 2019	Code editor tools
Web Browser	Google Chrome	Running and testing browser

2.2 Installation Instruction

No installation required. Just go online on a browser to use the system with the following address:

<https://easydoctors.herokuapp.com/>

3. User Manual

3.1 Overview

This user guide is divided into 3 different user roles. Each role has a section that explains how to use it and the steps for each feature of the respective account's role. The website has a referral page that displays referral information to the user when they first enter the page.



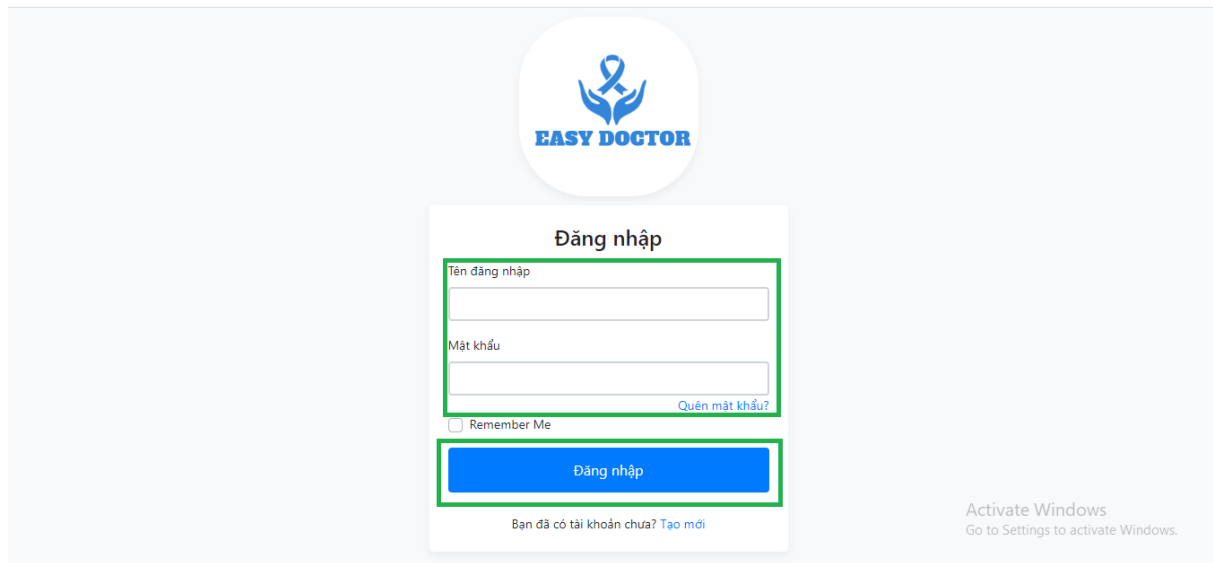
Figure 1: Landing Page

3.2 User manual guide for Patient

3.2.1. Login

This feature is used to login into the system with a patient role.

You must register an account before doing these steps.



The login screen features the EASY DOCTOR logo at the top center. Below it is a white box titled "Đăng nhập" (Login). Inside this box, there are two input fields: "Tên đăng nhập" (Username) and "Mật khẩu" (Password). A link "Quên mật khẩu?" (Forgot password?) is located to the right of the password field. Below the password field is a checkbox labeled "Remember Me". A large blue button labeled "Đăng nhập" is at the bottom of the login box. Below the button, there is a link "Bạn đã có tài khoản chưa? Tạo mới" (Do you already have an account? Create new). In the bottom right corner of the screen, there is a Windows watermark that says "Activate Windows Go to Settings to activate Windows."

Figure 2: Login Screen Guide

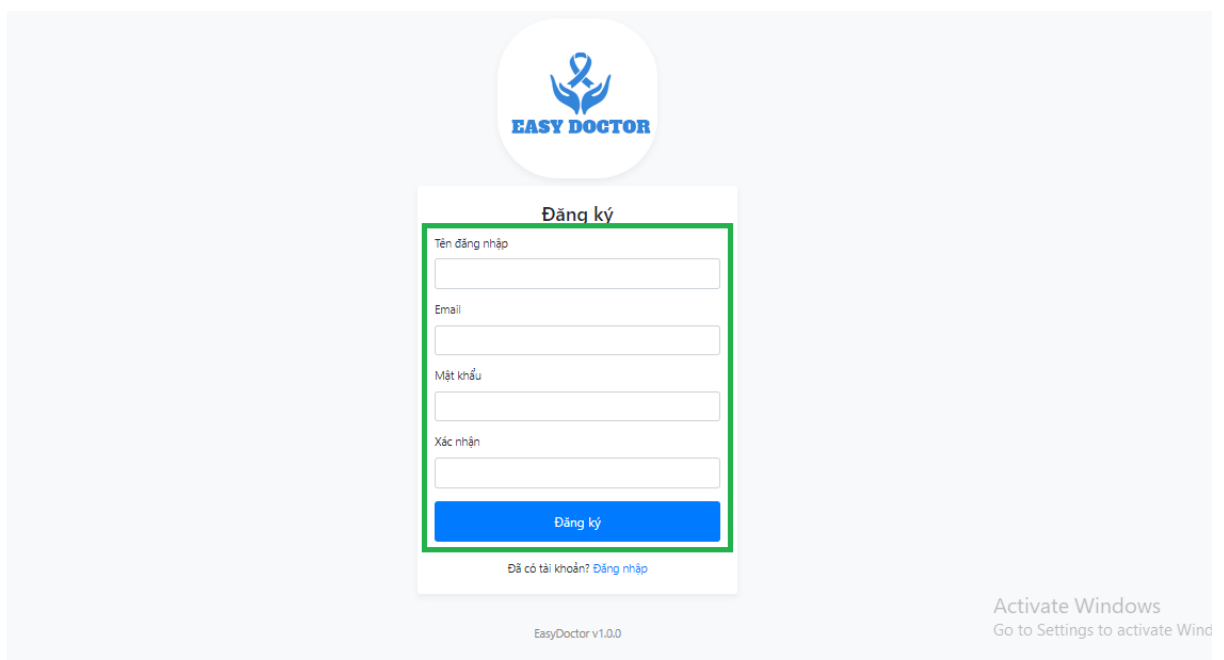
Use the following steps:

- Step 1: User enters the link: <https://easydoctors.herokuapp.com/login>
- Step 2: Fill in the information of the account: Email or Username and Password.
- Step 3: Click the "Đăng Nhập" button on this page.

If the Username/ Email and Password you entered are correct, the user has logged in successfully.

3.2.2. Register

This feature is used to register an account to enter the system as a patient.



The register screen features the EASY DOCTOR logo at the top center. Below it is a white box titled "Đăng ký" (Register). Inside this box, there are four input fields: "Tên đăng nhập" (Username), "Email", "Mật khẩu" (Password), and "Xác nhận" (Confirm). A large blue button labeled "Đăng ký" is at the bottom of the register box. Below the button, there is a link "Đã có tài khoản? Đăng nhập" (Do you already have an account? Login). In the bottom right corner of the screen, there is a Windows watermark that says "Activate Windows Go to Settings to activate Windows." At the bottom center of the screen, the text "EasyDoctor v1.0.0" is displayed.

Figure 3: Register Screen Guide

Use the following steps:

Step 1: User enters the link: <https://easydoctors.herokuapp.com/register> or “Tạo tài khoản mới” in Login


Step 2: Fill in the information of the account: Username, Email, Password and Confirm Password

Step 3: Click the "Register" button on this page.

Registered email must be correct and unused, and password and Confirm Password must be the same

3.2.3. Forgot password

This feature is used to reset the password.



The logo for Easy Doctor, featuring a blue ribbon forming a heart shape above the text "EASY DOCTOR" in blue capital letters.

Đăng nhập

Tên đăng nhập

Mật khẩu

[Quên mật khẩu?](#)

☐ Remember Me

Đăng nhập

Bạn đã có tài khoản chưa? [Tạo mới](#)

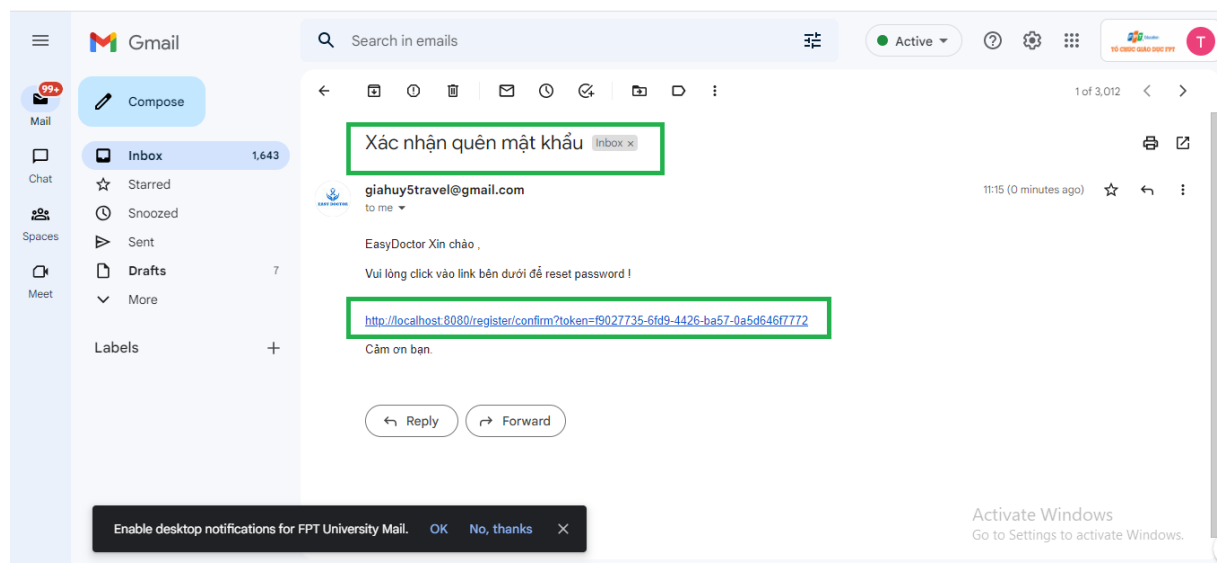
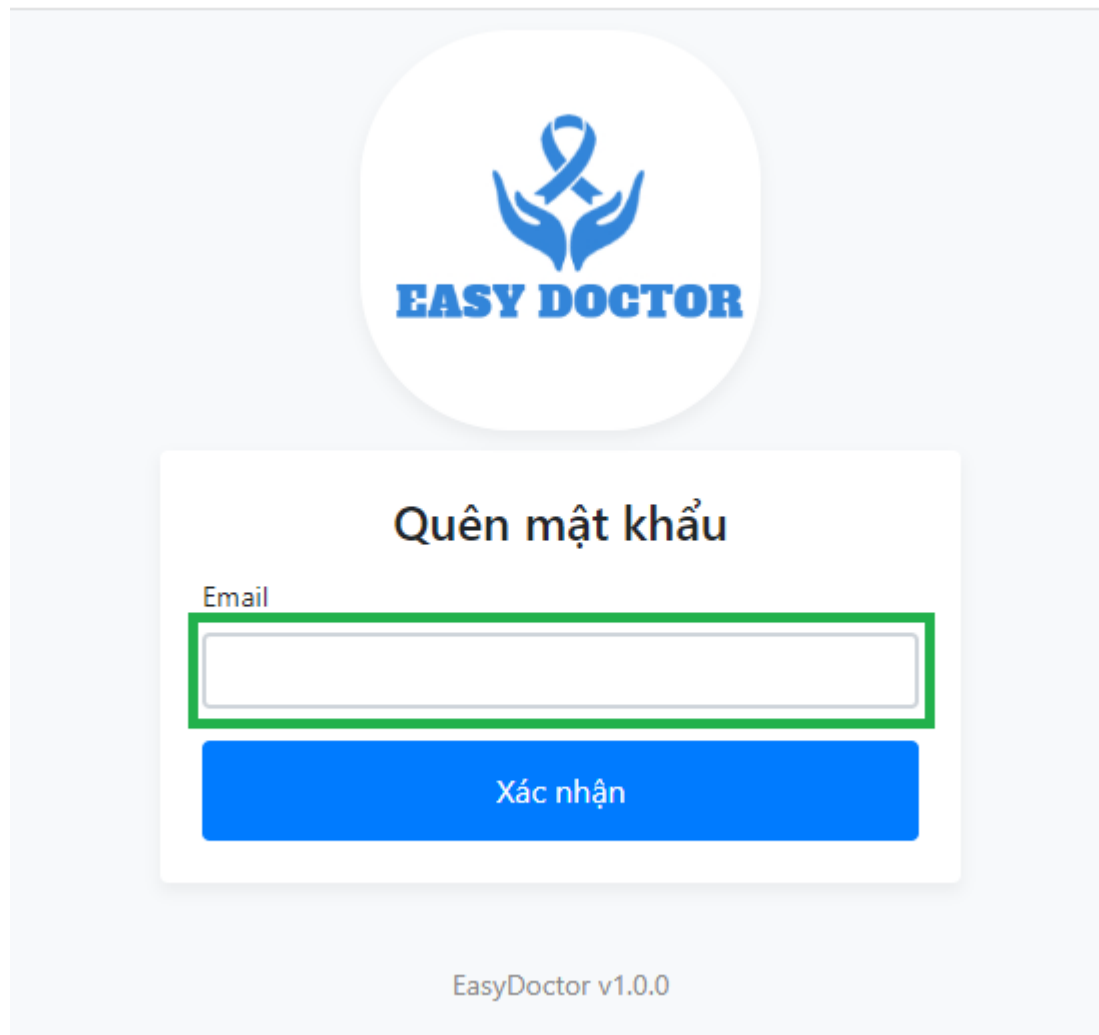


Figure 4: Forgot Password Screen Guide

Use the following steps:

- Step 1: Click the button “Forgot Password”
- Step 2: Enter your account Email
- Step 3: Click the button “Reset” and the system will send an email confirming that forgot password
- Step 4: Click the forgot password email link, to be able to create a new password

3.2.4. Edit profile

This feature is used to change the personal information of patient

Figure 5: Edit Profile Screen Guide

Use the following steps:

Step 1: After login to the account, users go to the "Tài khoản của tôi" page. Click “Thông tin cá nhân”

Step 2: Enter the personal information that needs to be changed in the correct format.

Step 3: Click the "Lưu thay đổi" button

3.2.5. Change password

This feature is used to change password

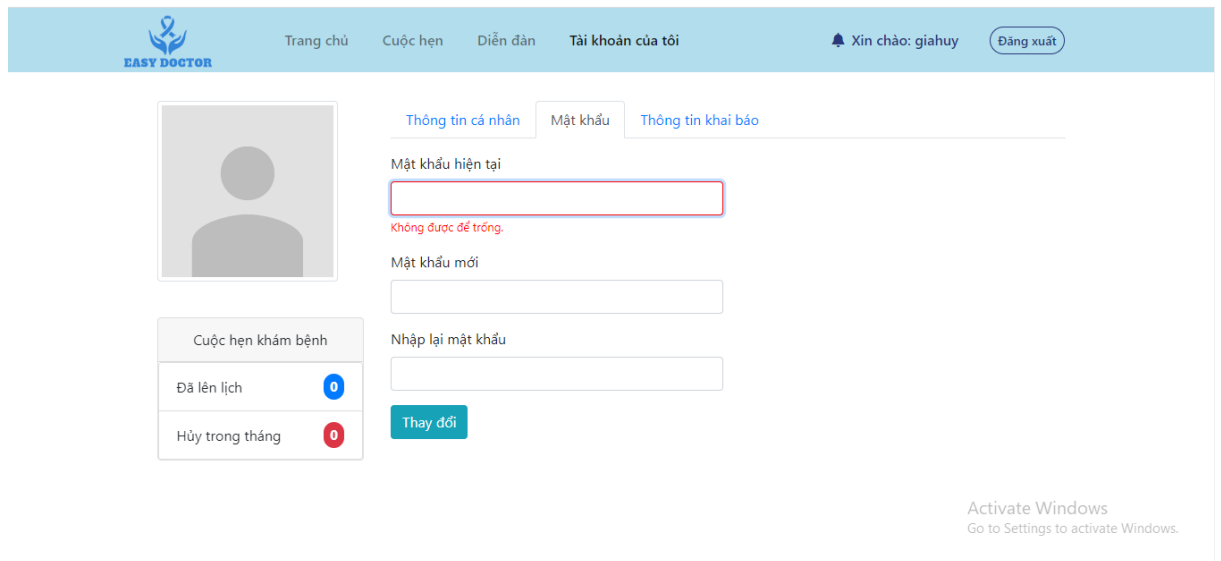


Figure 6: Change Password Screen Guide

Use the following steps:

Step 1: After login to the account, click on” Tài khoản của tôi” select tab “Mật khẩu”

Step 2: Enter info to change password

Step 3: Click the "Thay đổi" button

The user needs to enter the correct current password and the new password must match the re-entered password.

3.2.6. Upload image profile

This feature is used to upload patient images.

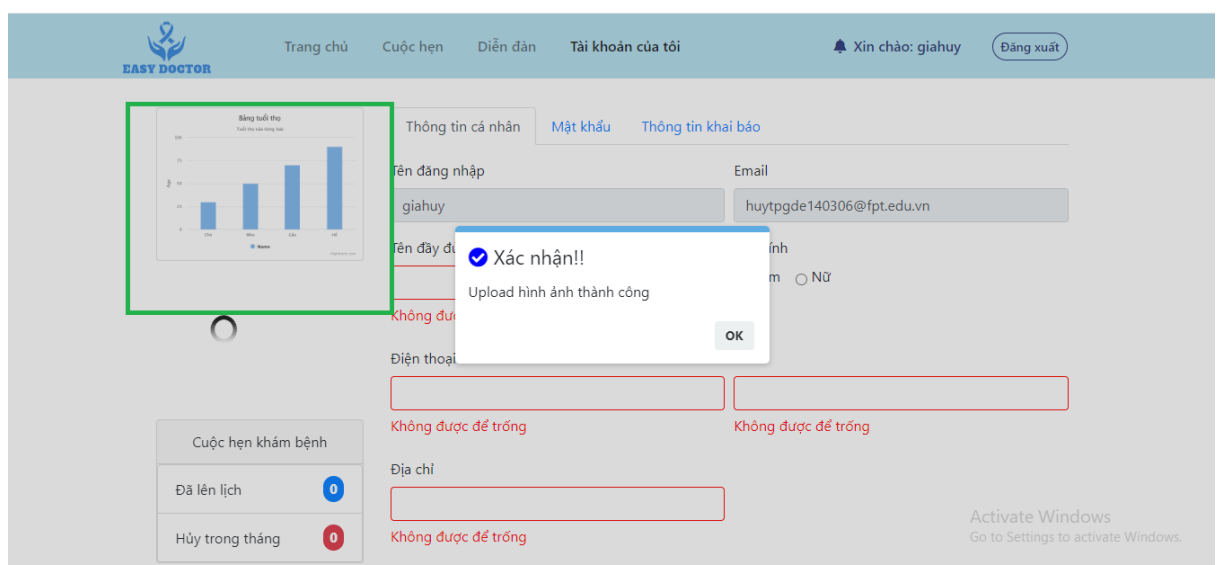


Figure 7: Upload Image Profile Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Tài khoản của tôi" page.
- Step 2: Click on the image on the left side of the screen.
- Step 3: It will display the images on your computer. Click to select the appropriate image to post on the system.

If the uploaded image file is too large or there is an error during the upload process, an error message will be displayed.

3.2.7. View declaration information

This feature is used to view the declaration information of patients.

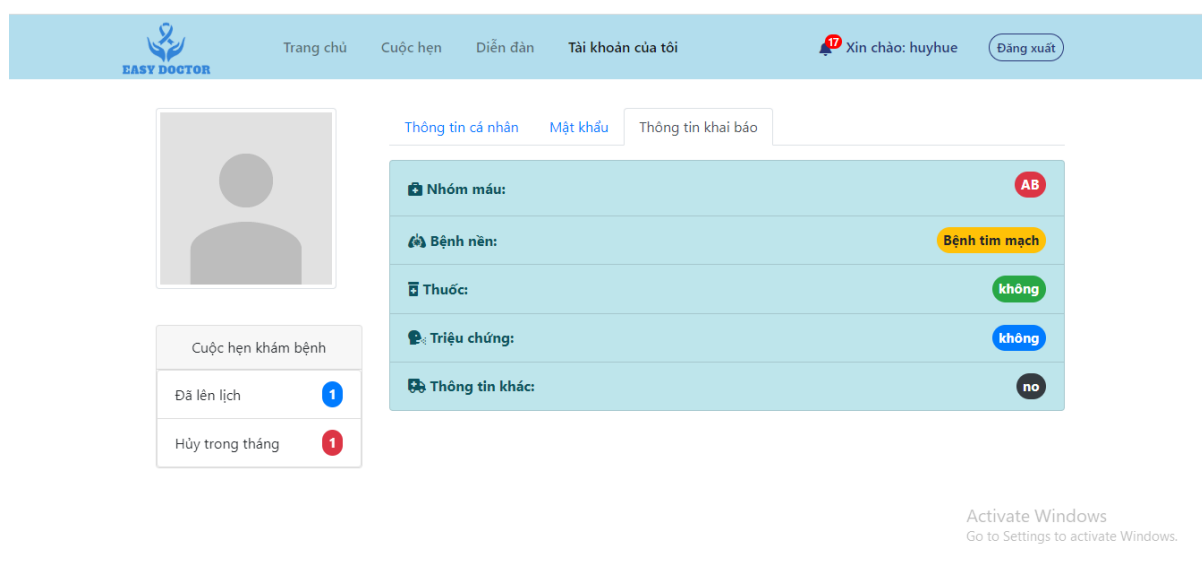


Figure 8: View Declaration Information Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Tài khoản của tôi" page.
- Step 2: Then the patient clicks on " Thông tin khai báo"
- Step 3: The information that the patient has declared when making an appointment will be displayed on screen

3.2.8. See list doctors

This feature is used to list doctors of patients.

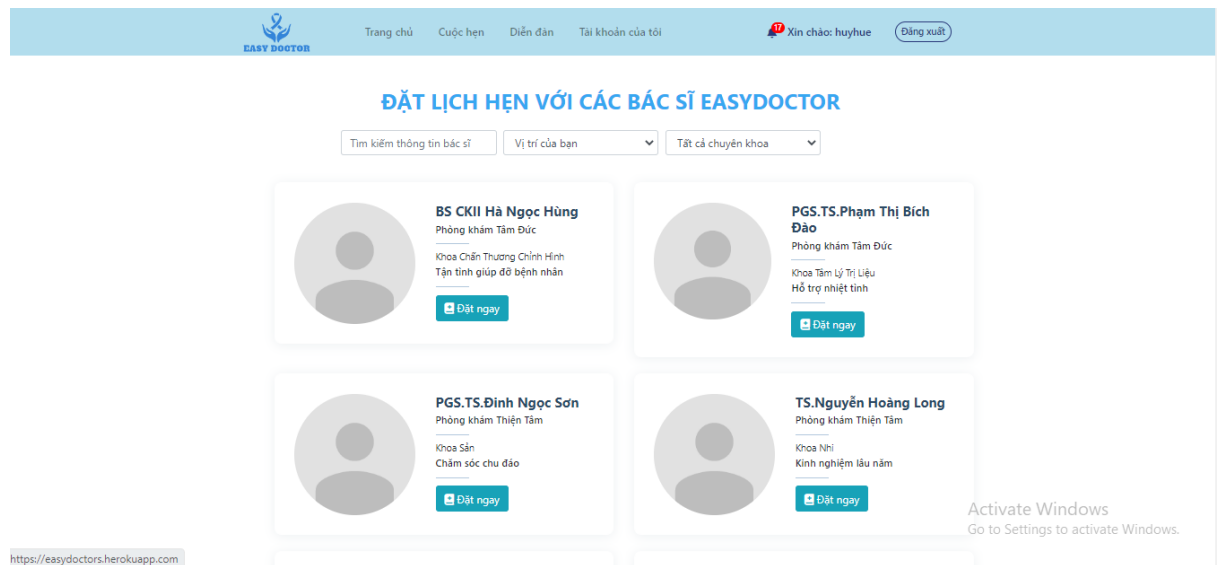


Figure 9: See List Doctor Screen Guide

Use the following steps:

Step 1: After login to the account, the patient goes to the "Trang chủ" page.

Step 2: Search for the doctor you want to find through doctor information, and specialty address.

3.2.9. View detail doctor

This feature is used to detail doctors of patients.

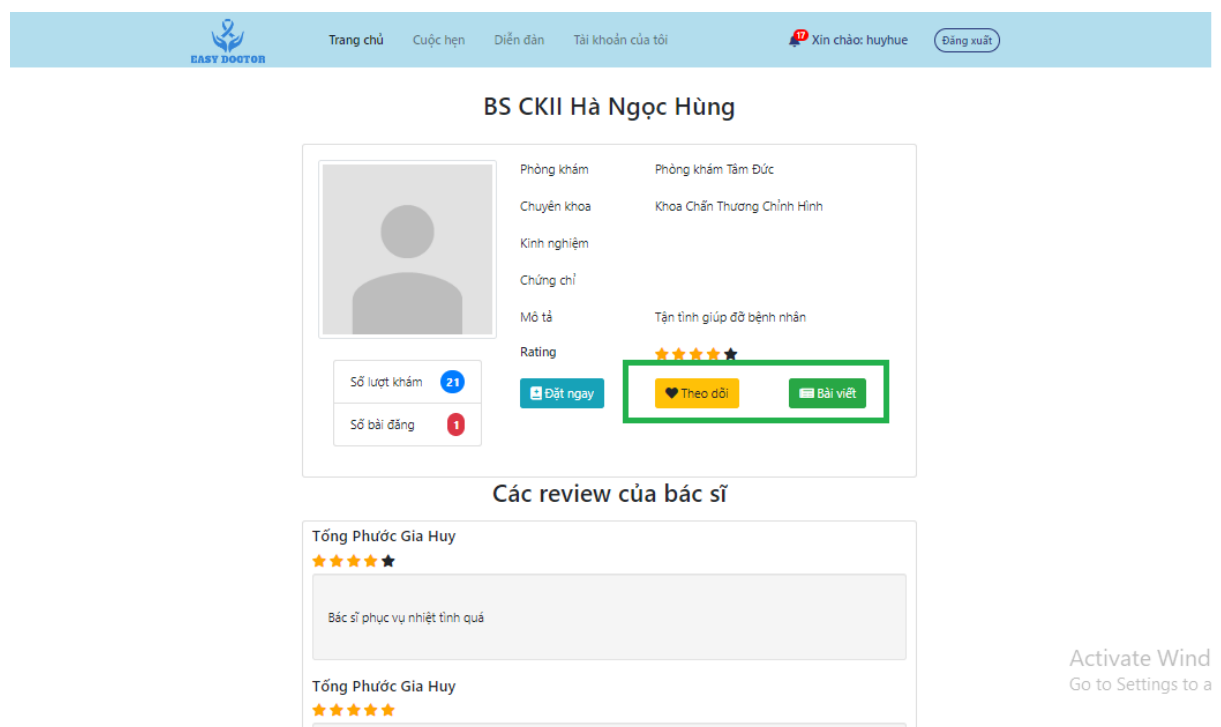


Figure 10: View Detail Doctor Screen Guide

Use the following steps:

Step 1: After login to the account, the patient goes to the "Trang chủ" page.

Step 2: The patient selects a doctor from the list of doctors.

Here, the patient can book an appointment with that doctor, view the doctor's posts on the Blog, follow the doctor to see the posts, and view the doctor's reviews.

3.2.10. Process doctor appointment

This feature is to book an appointment with a doctor for a patient. The appointment booking process goes through 6 steps: select doctor, update medical declaration, select examination package, select examination time, appointment summary, and confirmation.

Use the following steps:

- **Step 1: Select doctor**

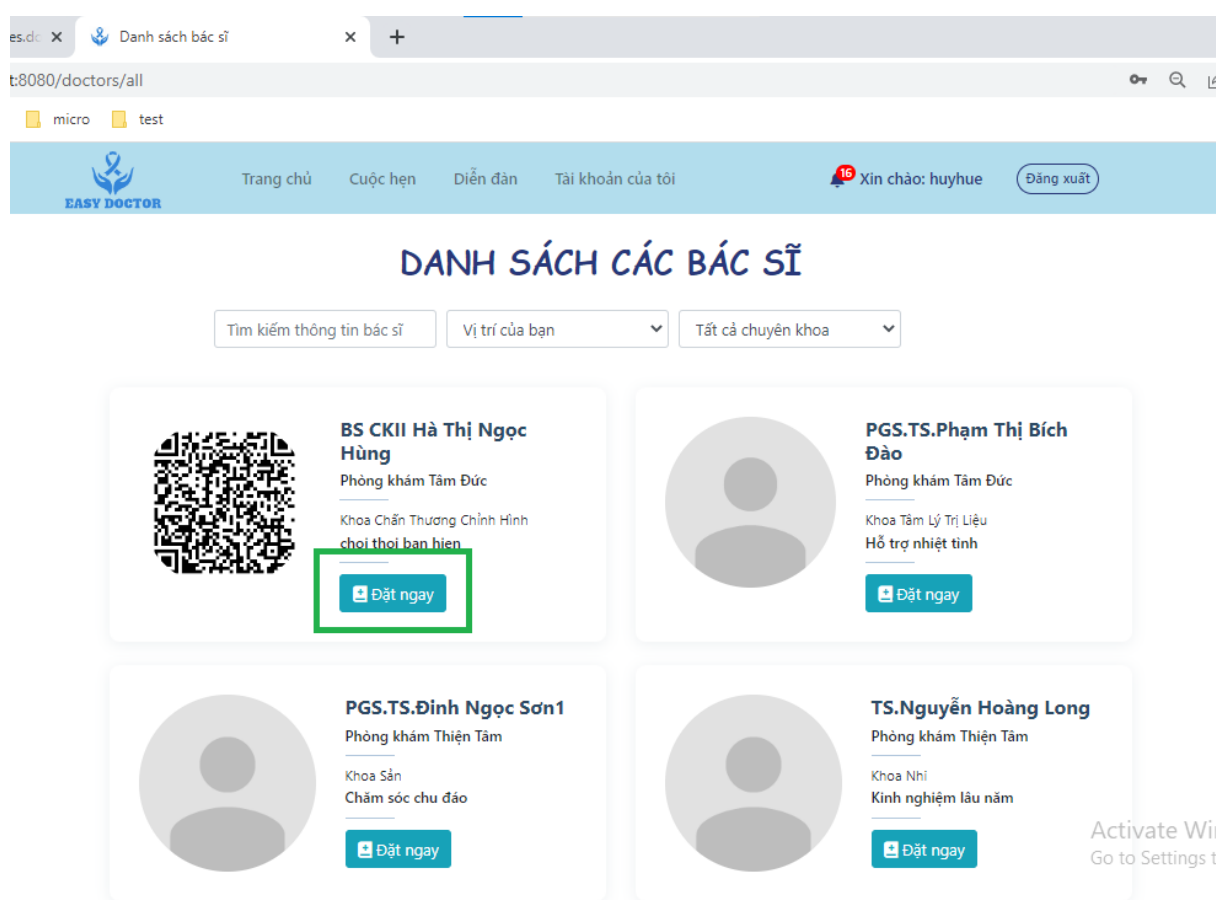


Figure 11: Select Doctor Screen Guide

- **Step 2: Update medical declaration**

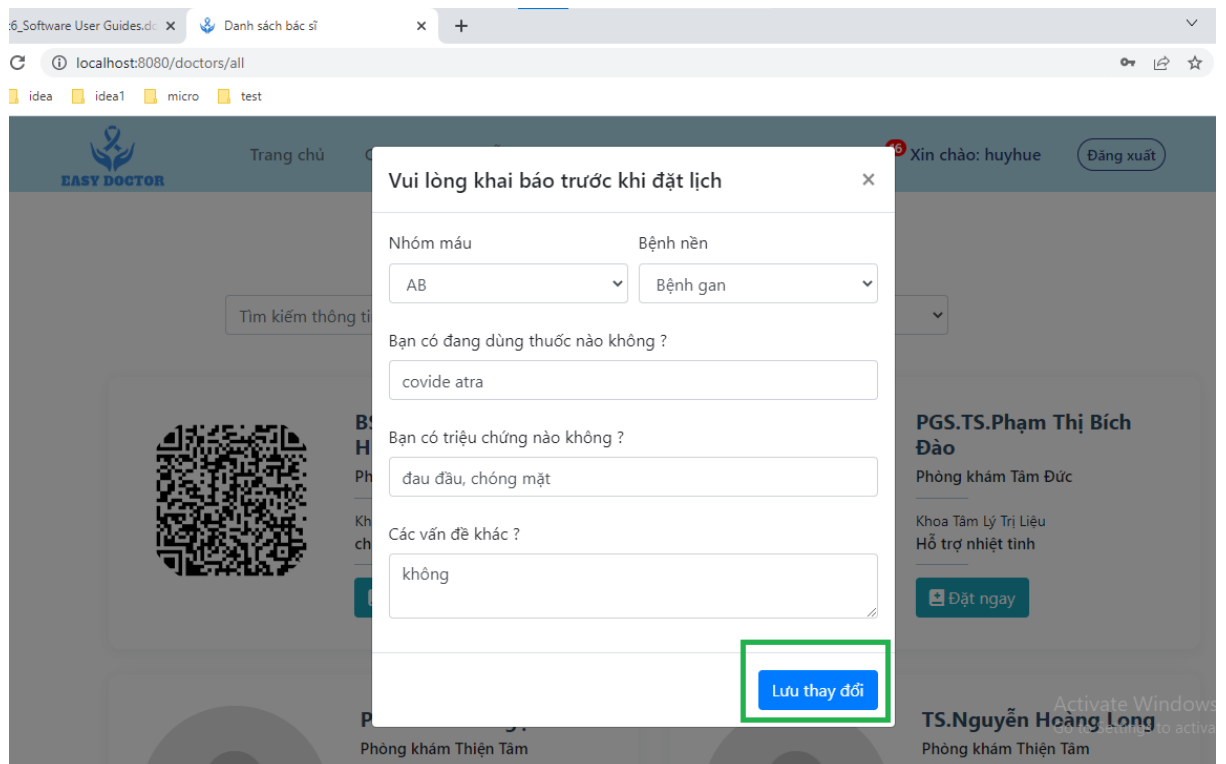
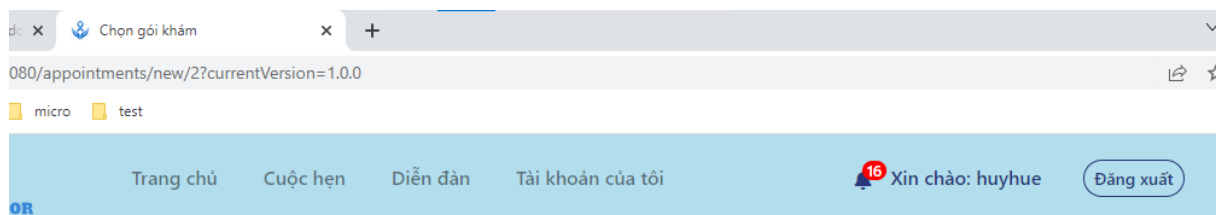
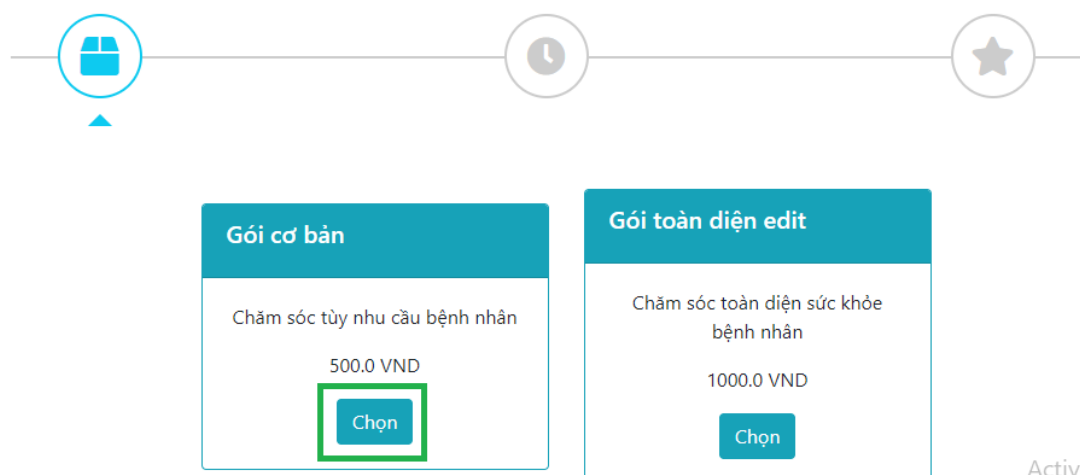


Figure 12: Update Medical Declaration Screen Guide

- Step 3: Select examination package



1. CHỌN GÓI KHÁM BỆNH



Activate Windows
Go to Settings to activate Windows.

Figure 13: Select Examination Package Screen Guide

- Step 4: Select examination date time

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localhost:8080/appointments/new/2/1

idea1 micro test

EASY DOCTOR Trang chủ Cuộc hẹn Diễn đàn Tài khoản của tôi Xin chào: huyhue Đăng xuất

2. CHỌN THỜI GIAN KHÁM BỆNH

July 24, 2022 < >

Sunday
10:00 - 11:00
11:00 - 12:00
12:00 - 13:00
13:00 - 14:00
14:00 - 15:00

Activate Windows
Go to Settings to activate Windows.

Figure 14: Select Examination Date Time Screen Guide

- Step 5: Appointment summary

3. TÓM TẮT ĐẶT LỊCH KHÁM BỆNH



Ngày	24-07-2022
Thời gian	12:00 - 13:00
Bác sĩ	BS CKII Hà Thị Ngọc Hùng
Gói khám	Gói cơ bản
Mô tả	Chăm sóc tùy nhu cầu bệnh nhân
Giá	500.0 VND
Có thể hủy bởi bệnh nhân?	Yes

Kiểm tra mail để nhập OTP xác nhận:

Xác nhận đặt

OTP:  
44 giây còn lại

Figure 15: Appointment Summary Screen Guide

- **Step 6: Appointment confirmation** (You must enter the OTP code sent via email or on the screen to confirm the appointment (OTP code is valid for 60 seconds))

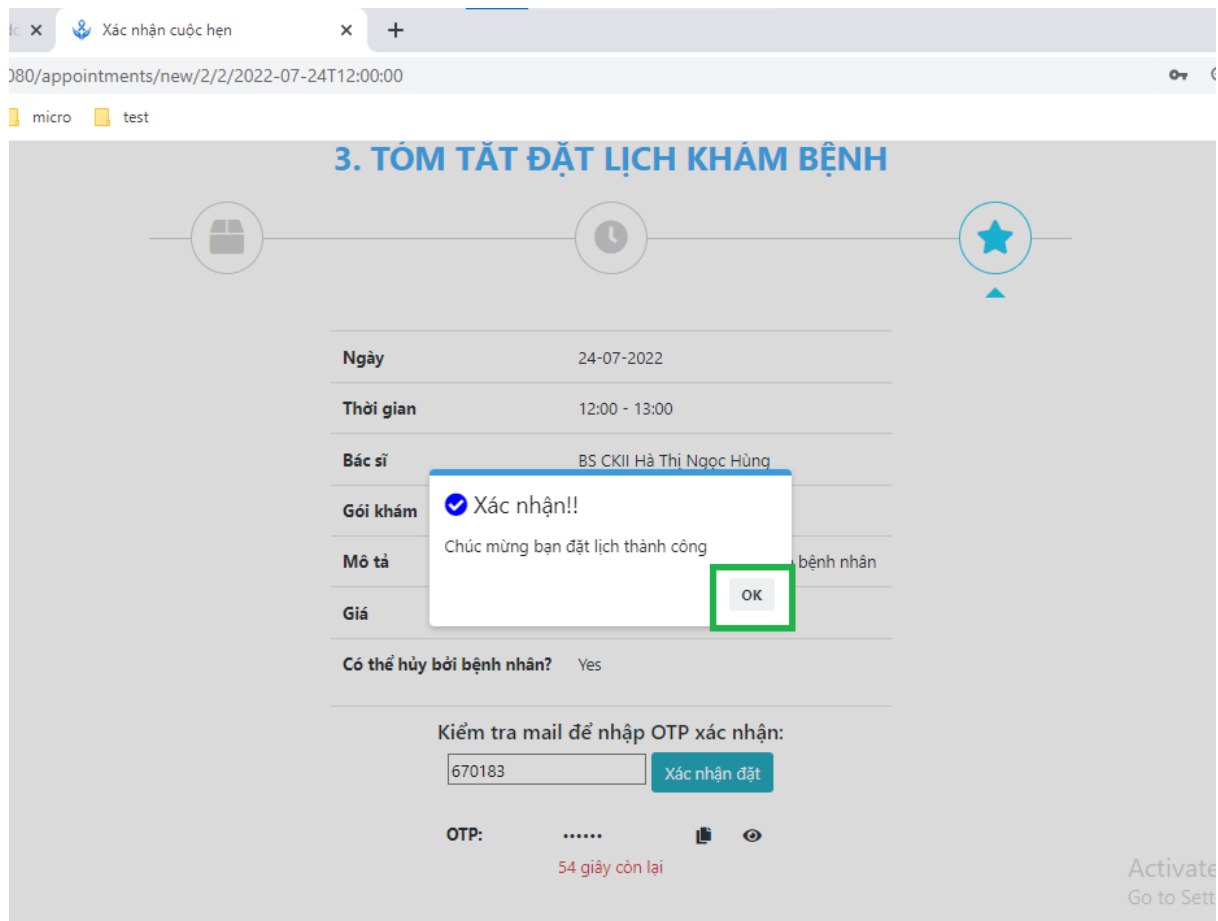


Figure 16: Appointment Confirmation Screen

3.2.11. See list appointments

This feature is used to see the list of appointments of patients.

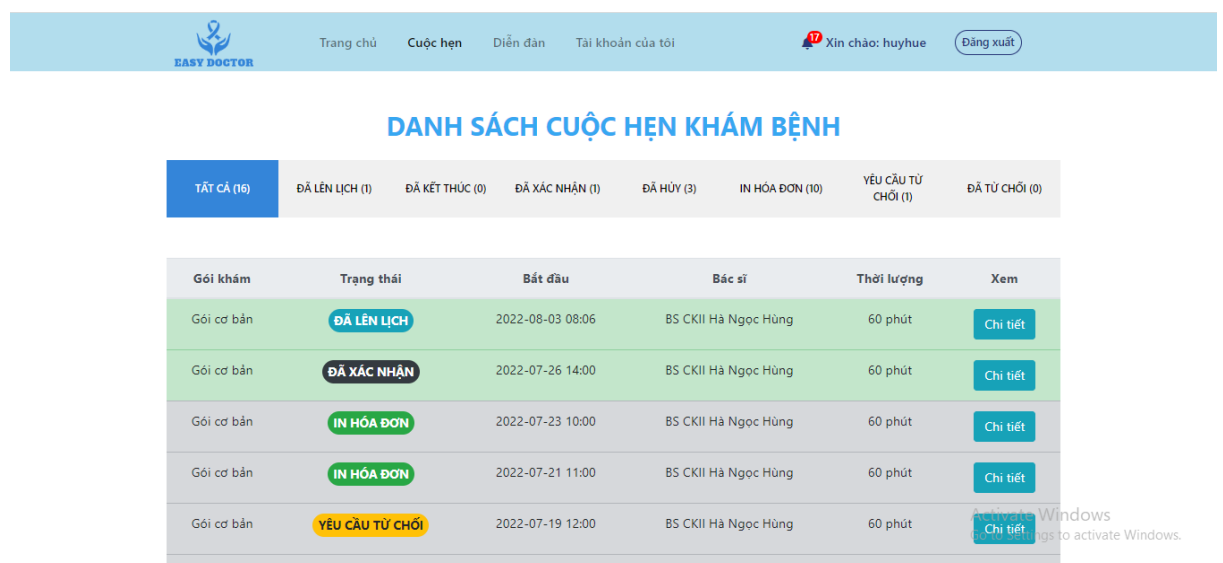


Figure 17: See List Appointment Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: The user will see a list of his appointments and their status. Click "Chi tiết" to view the details of each appointment.

3.2.12. Cancel appointment

This feature is used to cancel an appointment of a patient.

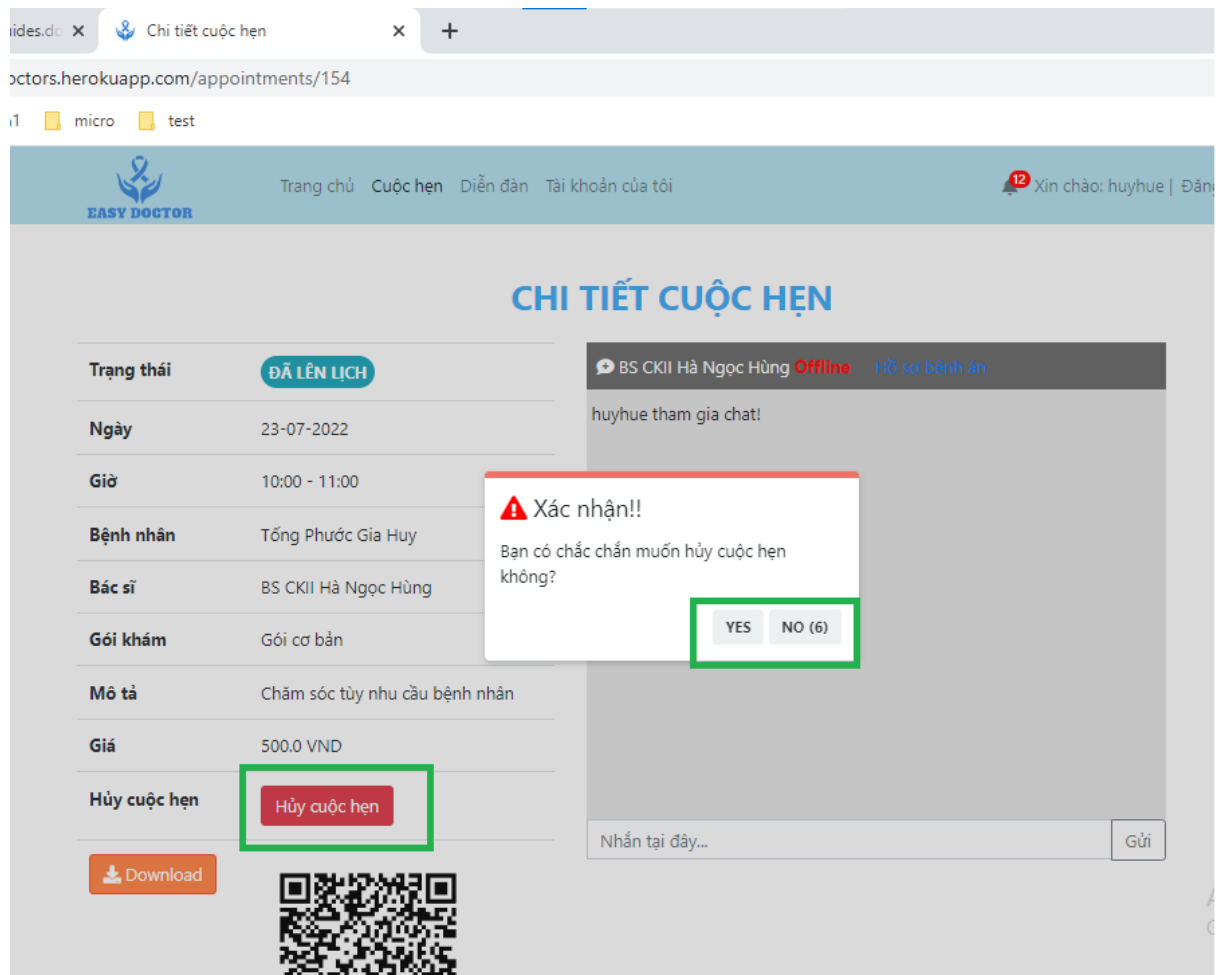


Figure 18: Cancel Appointment Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the doctor.
- Step 3: Click the "Hủy cuộc hẹn" button to cancel the appointment. And yes will display an alert to confirm the cancellation.

There will be conditions that you cannot cancel the appointment such as being in the scheduled state, the number of cancellations is not allowed to exceed the specified times in 1 month, before 24 hours from the start of the appointment.

After successful cancellation, the system will send a cancellation notice to the other party to notify and change the status.

3.2.13. Reject appointment

This feature is used to decline an appointment when the appointment did not go as scheduled with the patient role. This feature has 2 ways to decline an appointment.

Method 1: Reject by clicking refuse on the system.

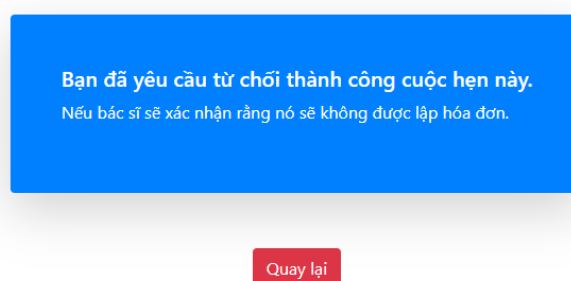
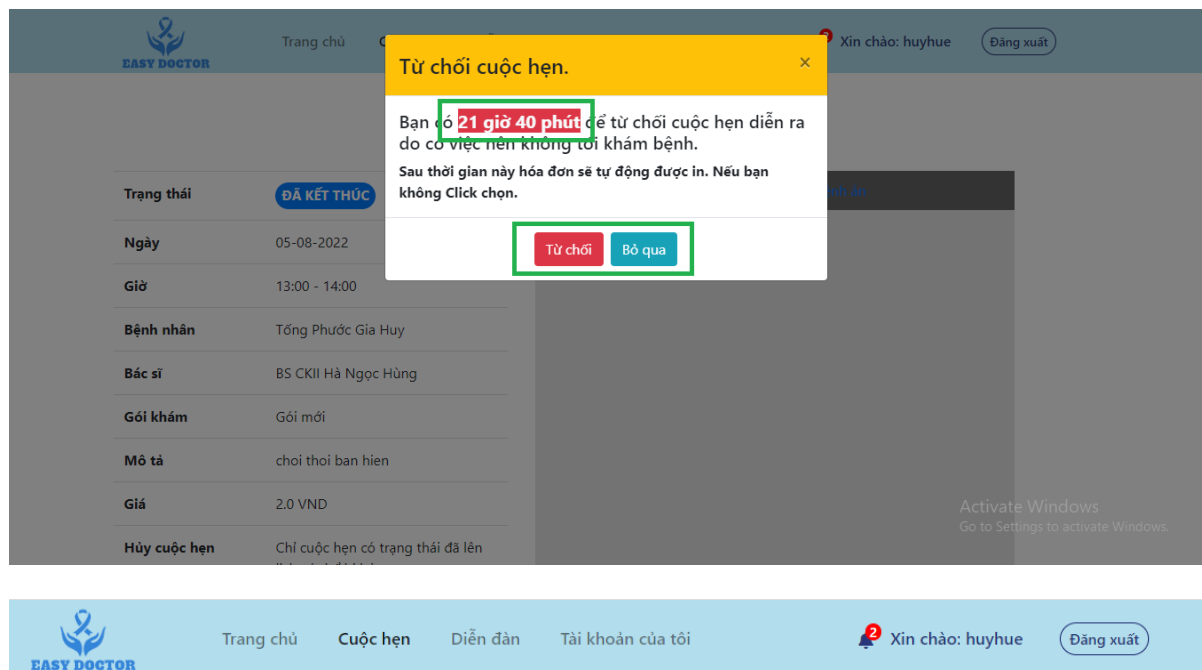


Figure 19: Reject Appointment Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the doctor.
- Step 3: It will show an appointment rejection popup. Click "Từ chối" if it happens. Otherwise, click "Bỏ qua".
- Step 4: Switch to the success confirmation screen.
- *The system will automatically count down the time allowed to refuse an appointment after 24 hours after the end of the appointment.*

Method 2: Reject by clicking the token link on Gmail sent to the patient.

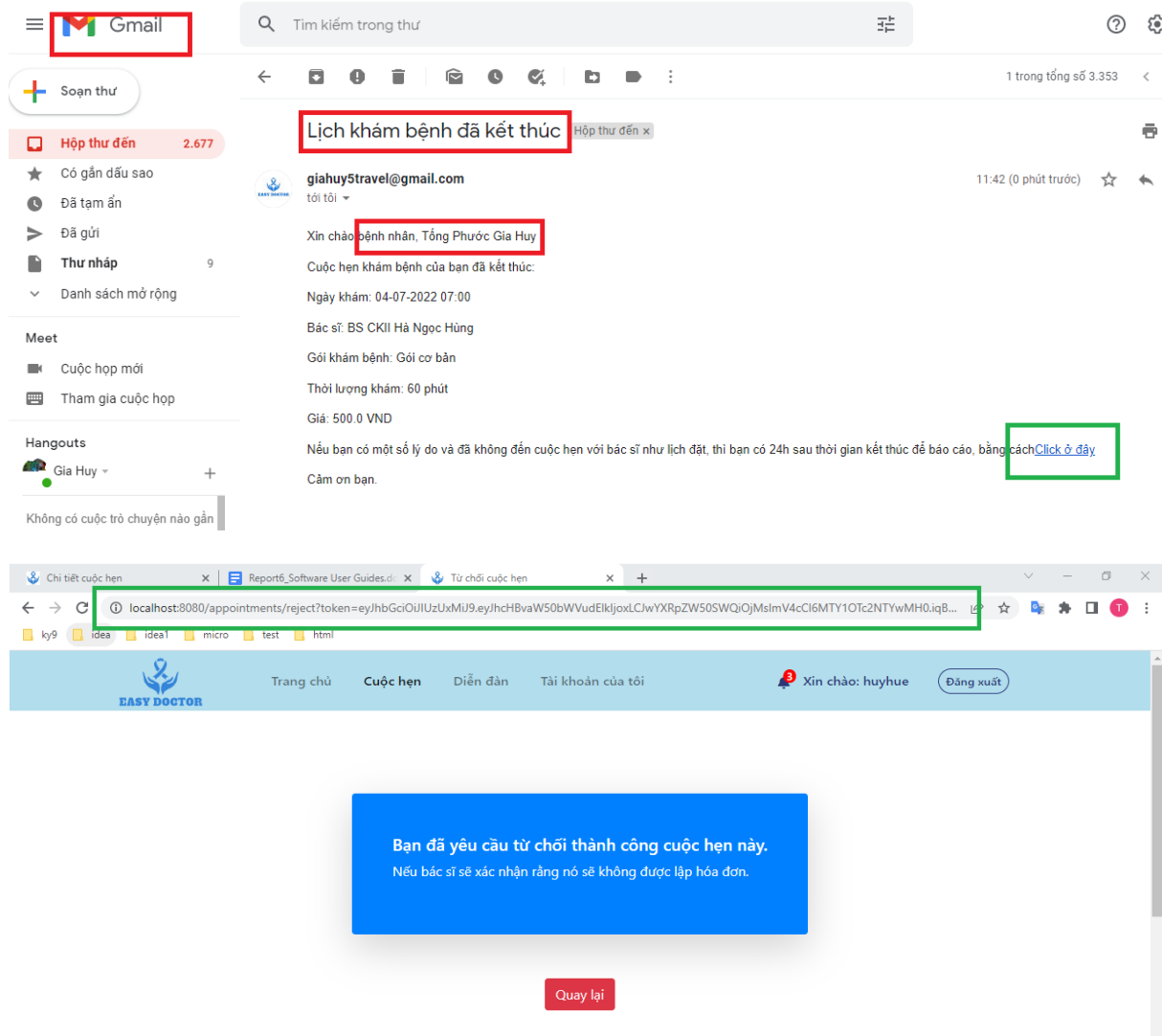


Figure 20: Reject Appointment Screen Guide

Use the following steps:

- Step 1: After logging in to your Gmail account, the user checks the mail.
- Step 2: The system will send a rejection email to the patient.
- Step 3: Patient Click the link token sent by email to decline the appointment.
- Step 4: Switch to the success confirmation screen.
- *The token link will be valid for 24 hours from the time of sending the email.*

3.2.14. Review doctor

This feature is used to reviewing doctors of patients. After each successful appointment with a doctor when in an invoiced appointment status, the patient has the right to review that doctor.

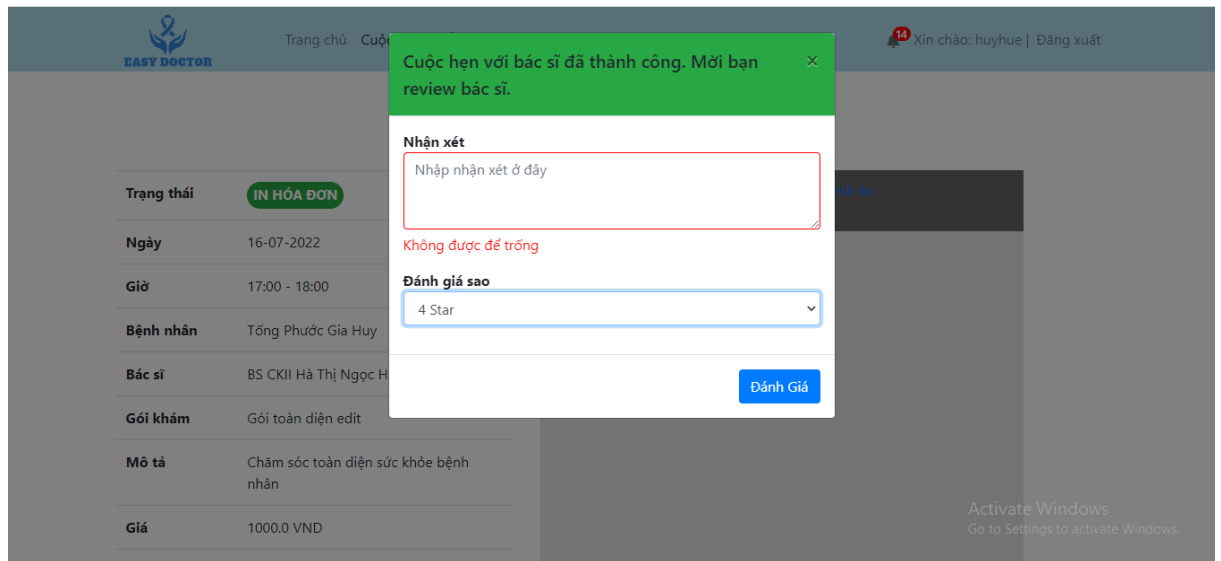


Figure 21: Review Doctor Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the doctor.
- Step 3: It will show a review popup. Enter the information to review the doctor.
- Step 4: Click "Đánh giá" to review a doctor, after it will go to that doctor's detail page and your review will show up below that doctor.

3.2.15. Chat real-time

This feature is used for real-time chat about appointments between patients and doctors.

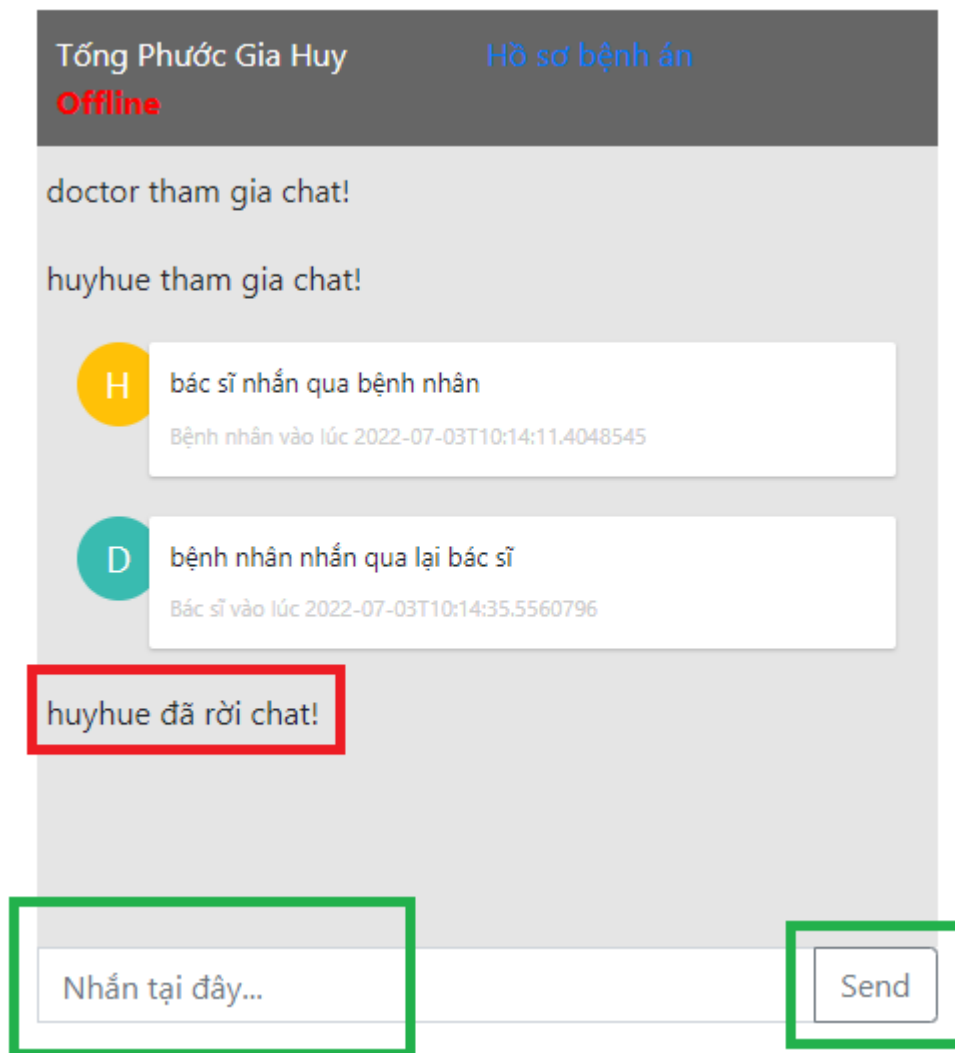


Figure 22: Chat Real Time Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the doctor.
- Step 3: Enter the text of the message and click send to chat about the appointment.

In this function, users can chat online in real-time and can see the chat status of the opposite party.

3.2.16. View medical record

This feature is used to view the patient's medical record with patient information, disease declaration, and patient appointment history.

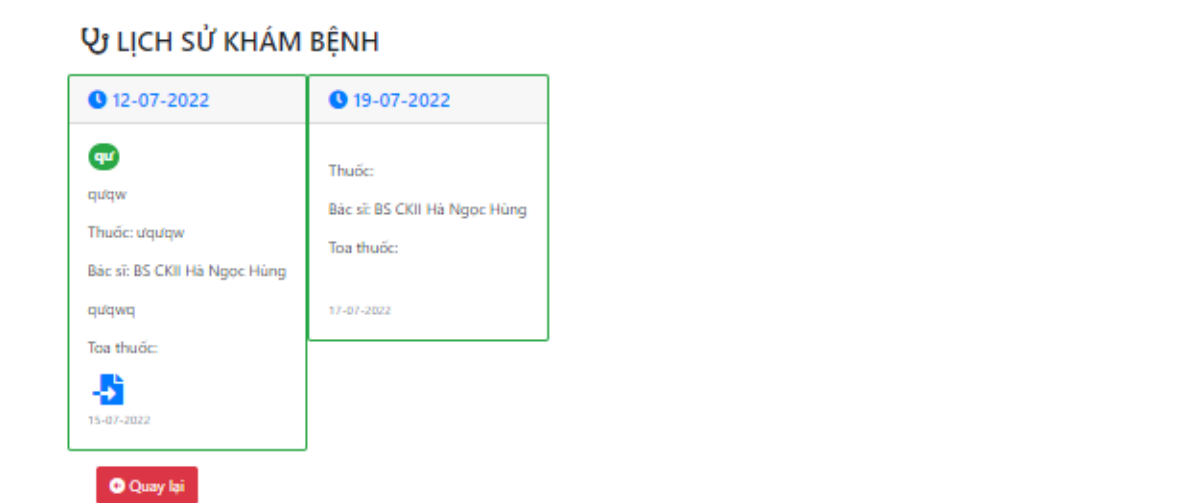
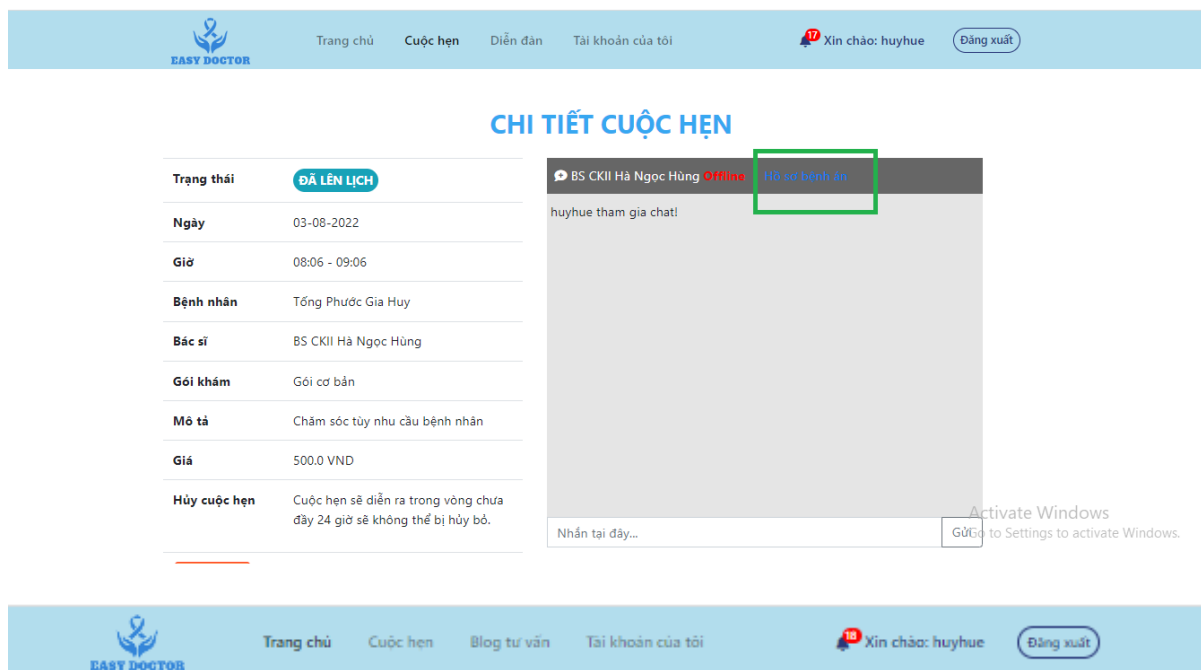


Figure 23: View Medical Record Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the doctor.
- Step 3: Click on the "HỒ sơ bệnh án" link in the chat section. It will display a new tab of that patient's medical record.

3.2.17. See list posts

This feature is used to list posts in Blogs for patients.



Figure 24: See List Post Screen Guide

Use the following steps:

- Step 1: After login to the account, the user clicks "Diễn đàn".
- Step 2: Type in the input or specialty combo to search for related posts.

3.2.18. Comment/Like post

This feature is used to comment/like posts in Blogs for patients and doctors.



Đây là bài post đầu tiên

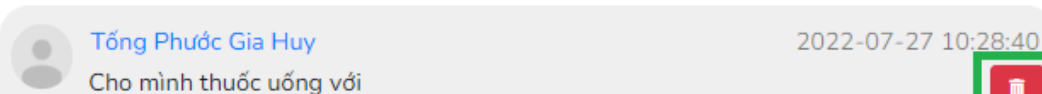
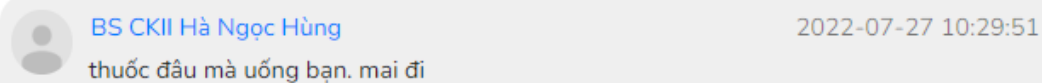


Figure 25: Comment/Like Post Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks "Diễn đàn".

Step 2: Users can like and add and delete comments on Blog posts.

3.2.19. Read notification

This feature is used to read notifications from the doctor.

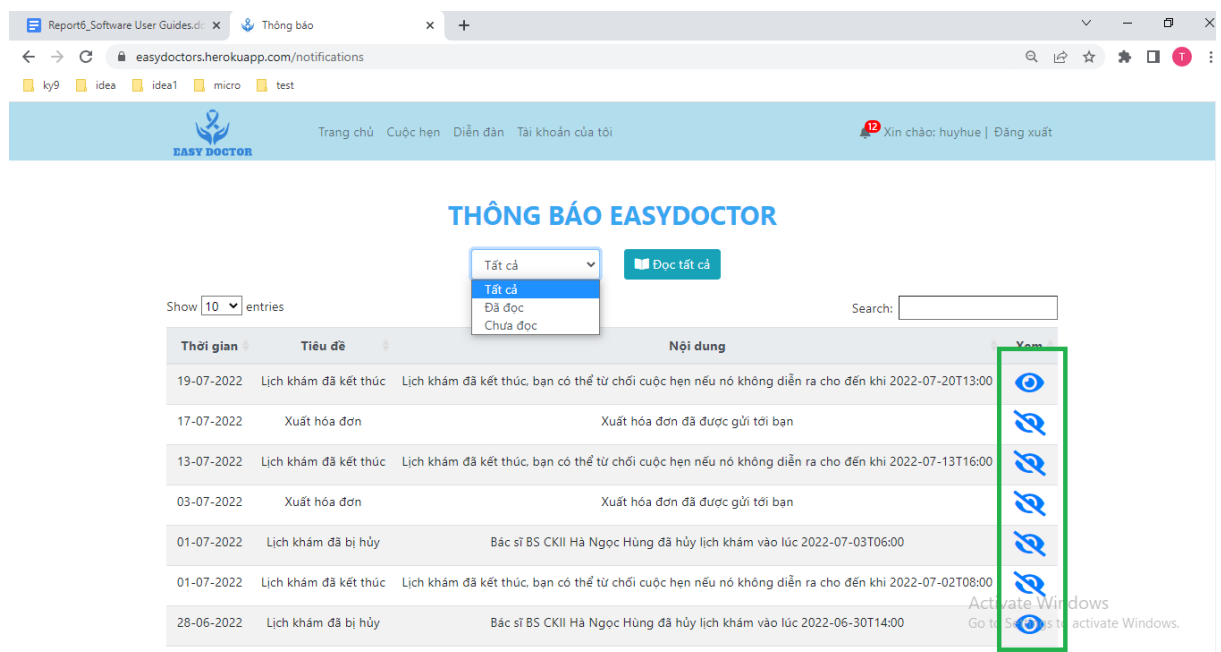


Figure 26: Read Notification Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks on the bell icon to the right of the navigation bar

Step 2: The user clicks on the message view icon on each message on the board.

Step 3: It will navigate to that notification's appointment details page.

In this function, when the user clicks on each notification, it will change the status of that notification.

3.2.20. Filter notification

This feature is used to filter notifications of patients. The user wants to see read or read notifications.

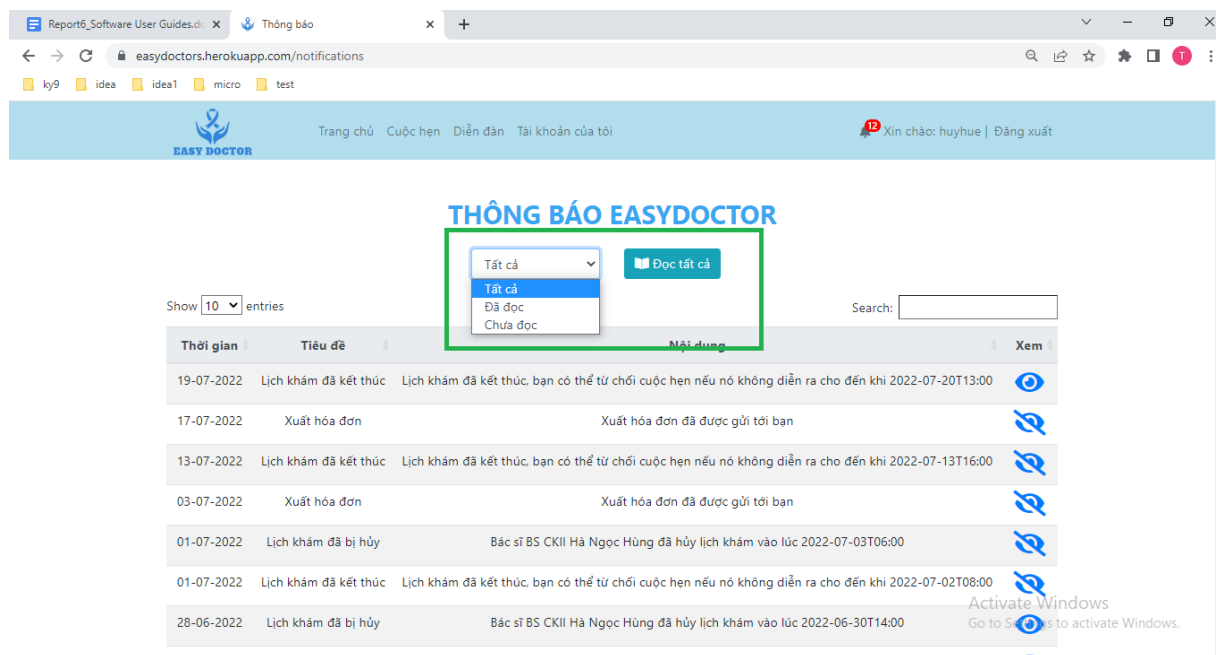


Figure 27: Filter Notification Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks on the bell icon to the right of the navigation bar

Step 2: The user selects the notification status in the combo box.

In case the user wants to change all notifications to read. Then choose "Đọc tất cả"

3.3 User manual guide for Doctor

3.3.1. Login

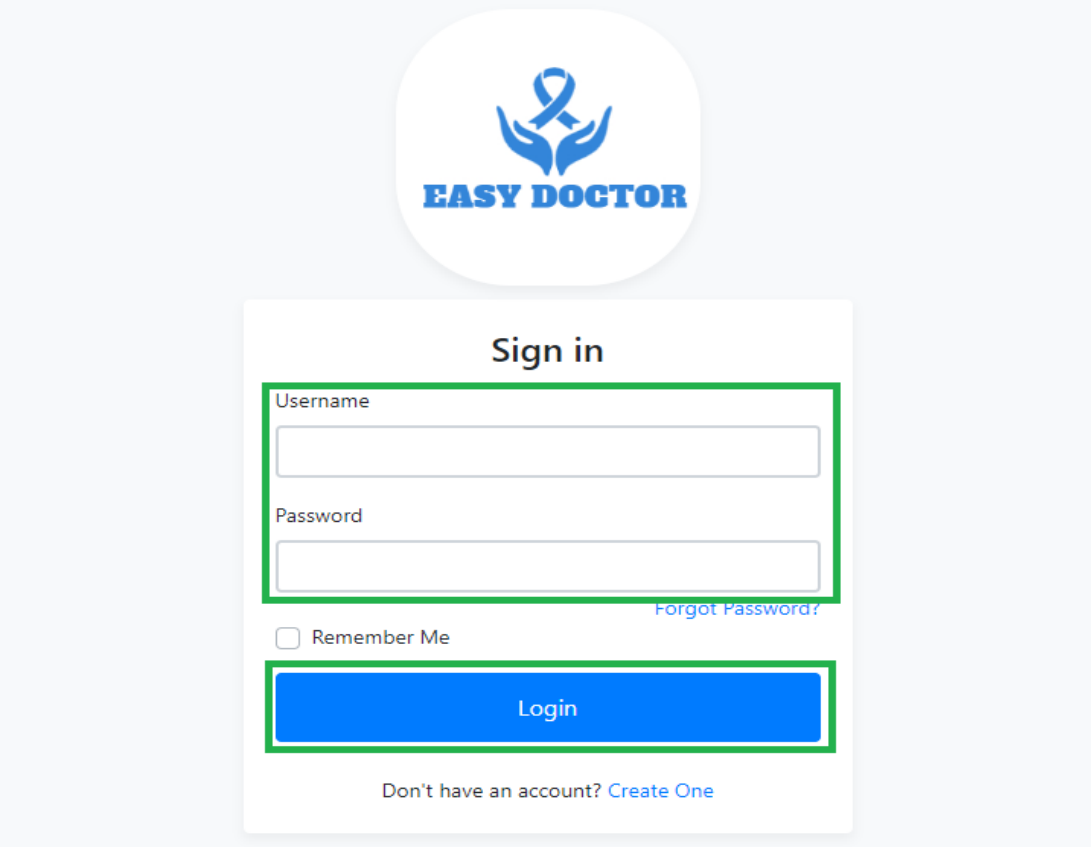


Figure 28: Login Screen Guide

Use the following steps:

- Step 1: User enter the link : <https://easydoctors.herokuapp.com/login>
- Step 2: Fill in the information of the account: Email or Username and Password.
- Step 3: Click the "Đăng Nhập" button on this page.

3.3.2. Forgot password

This feature is used to reset the password.



Đăng nhập

Tên đăng nhập

Mật khẩu

[Quên mật khẩu?](#)

☐ Remember Me

Đăng nhập

Bạn đã có tài khoản chưa? [Tạo mới](#)

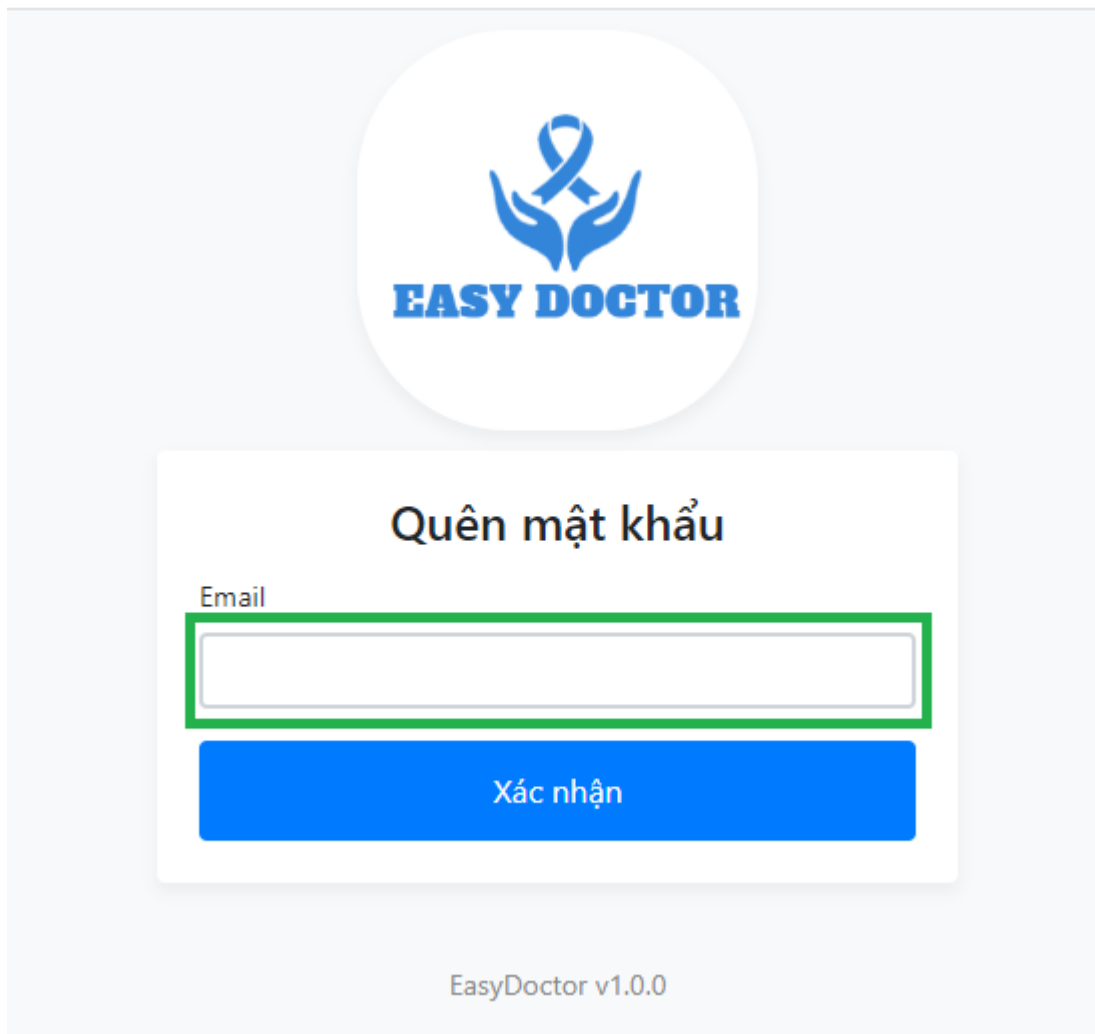


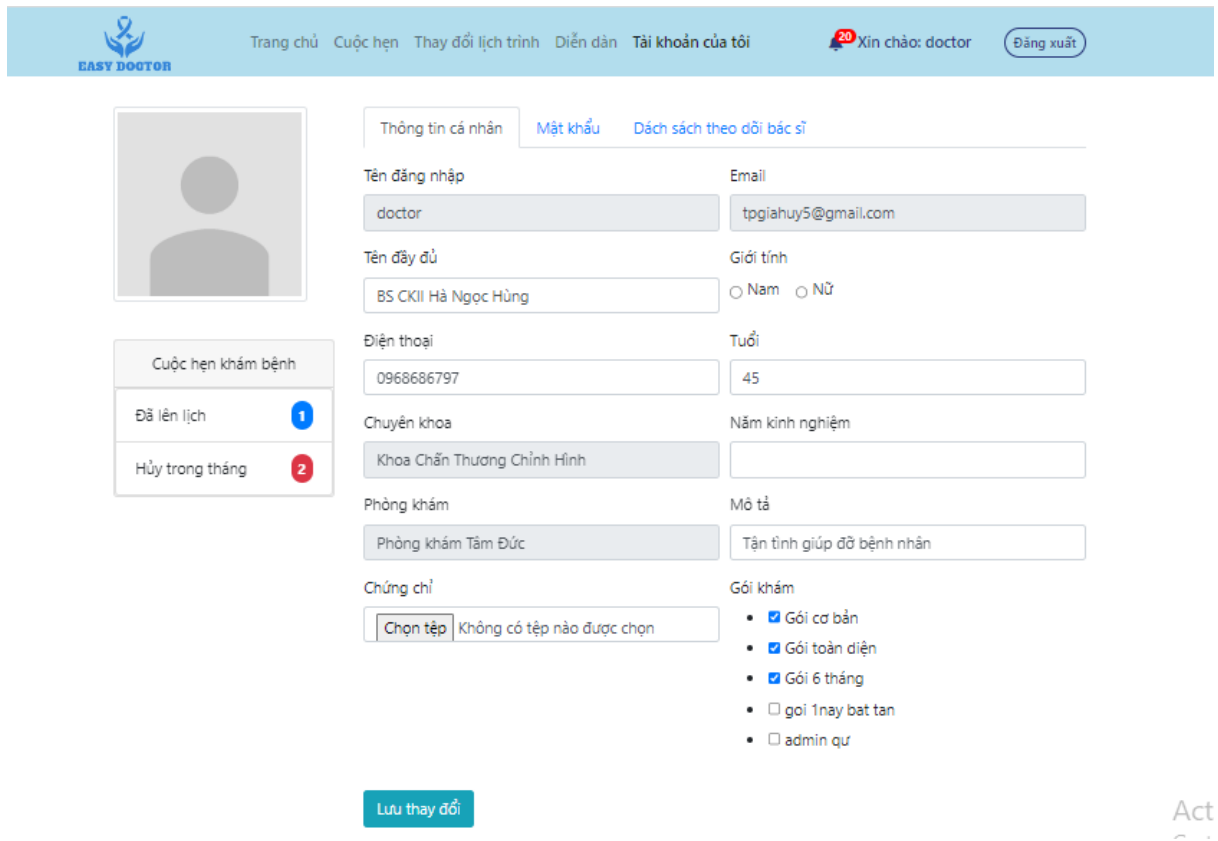
Figure 29: Forgot Password Screen Guide

Use the following steps:

- Step 1: Click the button “Forgot Password”
- Step 2: Enter your account Email
- Step 3: Click the button “Reset” and the system will send an email confirming forgot password
- Step 4: Click the forgot password email link, to be able to create a new password

3.3.3. Edit profile

This feature is used to change the personal information of a doctor



EASY DOCTOR

Trang chủ Cuộc hẹn Thay đổi lịch trình Diễn đàn Tài khoản của tôi Xin chào: doctor Đăng xuất

Thông tin cá nhân Mật khẩu Dách sách theo dõi bác sĩ

Tên đăng nhập: doctor Email: tpgiahu5@gmail.com

Tên đầy đủ: BS CKII Hà Ngọc Hùng Giới tính: ☐ Nam ☐ Nữ

Điện thoại: 0968686797 Tuổi: 45

Chuyên khoa: Khoa Chẩn Thương Chính Hình Năm kinh nghiệm:

Phòng khám: Phòng khám Tâm Đức Mô tả: Tận tình giúp đỡ bệnh nhân

Chứng chỉ: Chọn tệp Không có tệp nào được chọn Gói khám: ☒ Gói cơ bản ☒ Gói toàn diện ☒ Gói 6 tháng ☐ gói 1này bat tan ☐ admin qur

Lưu thay đổi

Figure 30: Edit profile Screen Guide

Use the following steps:

Step 1: After login to the account, users go to the "Tài khoản của tôi" page. Click choose "Thông tin cá nhân"

Step 2: Enter the personal information that needs to be changed in the correct format.

Step 3: Click the "Lưu thay đổi" button

Here doctors can choose packages for patients to book appointments.

3.3.4. Change password

This feature is used to change password

EASY DOCTOR Trang chủ Cuộc hẹn Diễn đàn Tài khoản của tôi Xin chào: huyhue | Đăng xuất

Thông tin cá nhân Mật khẩu Thông tin khai báo Payment

Mật khẩu hiện tại

Mật khẩu mới

Nhập lại mật khẩu

Thay đổi

Cuộc hẹn khám bệnh

Đã lên lịch	0
Hủy trong tháng	1

Figure 31: Change Password Screen Guide

Use the following steps:

Step 1: After login to the account, click on "Tài khoản của tôi" select tab "Mật khẩu"

Step 2: Enter info to change password

Step 3: Click the "Thay đổi" button

The user needs to enter the correct current password and the new password must match the re-entered password.

3.3.5. Upload image profile

This feature is used to upload doctor images.

EASY DOCTOR Trang chủ Cuộc hẹn Thay đổi lịch trình Blog tư vấn Tài khoản của tôi Xin chào: doctor Đăng xuất

Thông tin cá nhân Mật khẩu Danh sách theo dõi bác sĩ

Tên đăng nhập doctor Email tpgiahuy5@gmail.com

Tên đầy đủ BS CKII m Nữ

Điện thoại 0362529

Chuyên khoa Khoa Chấn Thương Chỉnh Hình Năm kinh nghiệm 3

Phòng khám Phòng khám Tâm Đức Mô tả Tận tình giúp đỡ bệnh nhân

Chứng chỉ 66d45aaa-8524-4a8e-ac0f- Gói khám Gợi cơ bản

Cuộc hẹn khám bệnh

Đã lên lịch	1
Hủy trong tháng	1

Xác nhận!! Upload hình ảnh thành công OK

Figure 32: Upload Image Profile Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Tài khoản của tôi" page.
- Step 2: Click on the image on the left side of the screen.
- Step 3: It will display the images on your computer. Click to select the appropriate image to post on the system.
- *If the uploaded image file is too large or there is an error during the upload process, an error message will be displayed.*

3.3.6. Upload certification

This feature is used to upload the doctor's certificate so that the patient can view the certificate on the doctor's details.

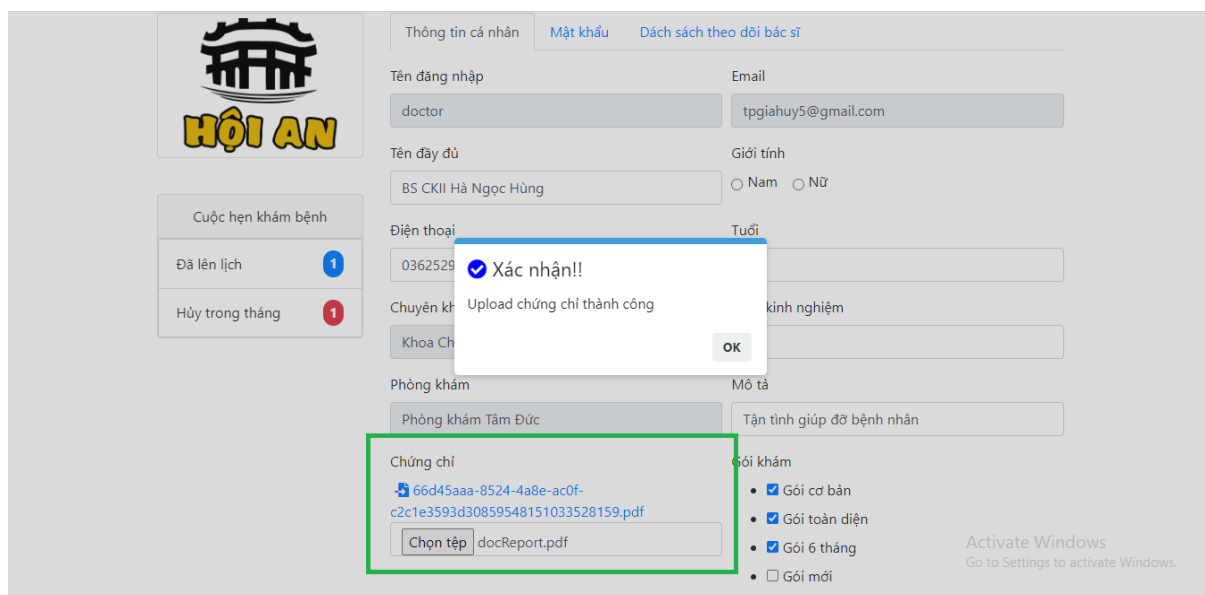


Figure 33: Upload Certification Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Tài khoản" page.
- Step 2: Select tab "Thông tin cá nhân". Select the certificate item to upload the certificate file in PDF format.
- Step 3: Reload this page to review the certificate online.

3.3.7. See list appointment

This feature is used to see the list of appointments of doctors.

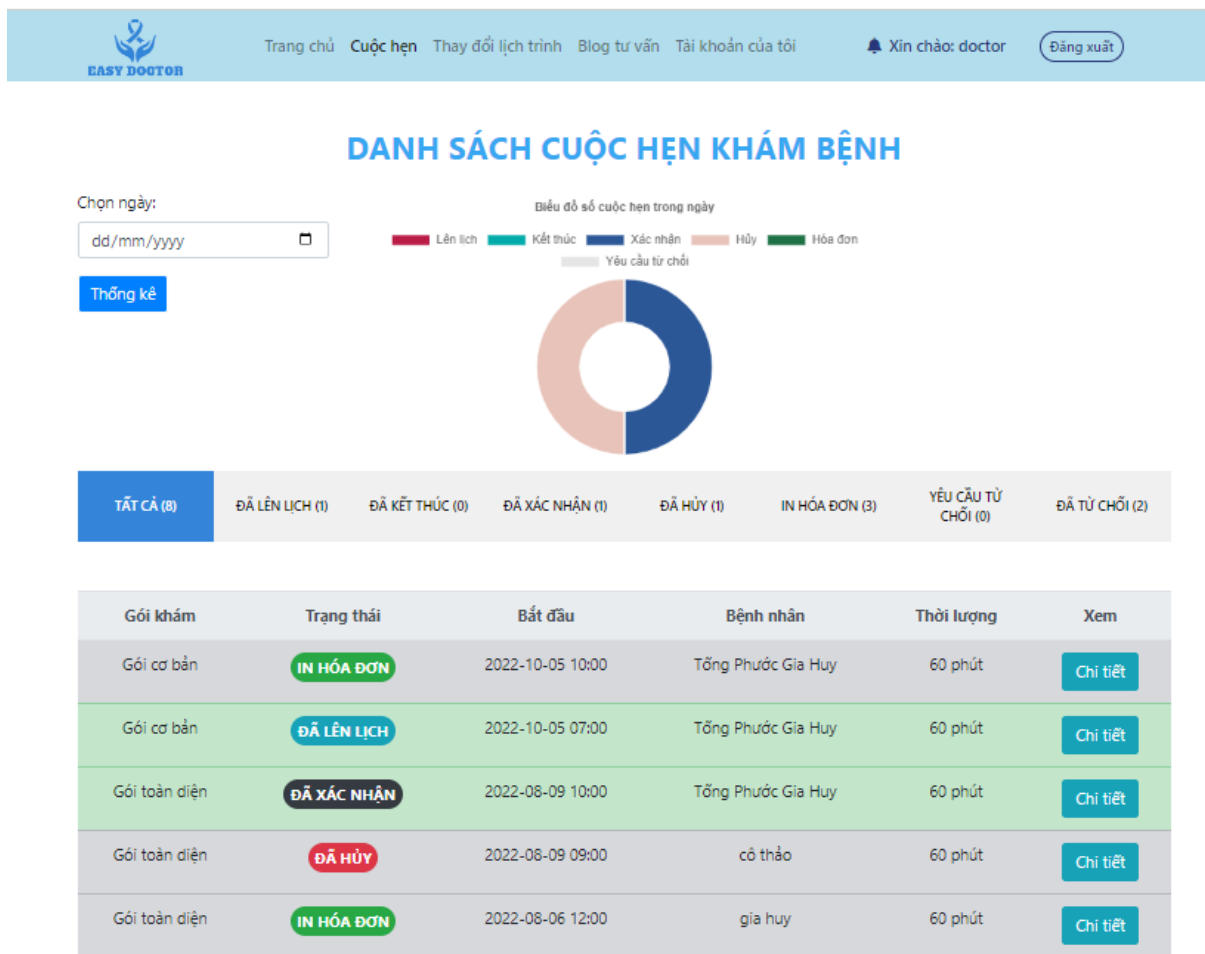


Figure 34: See List Appointment Screen

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: The user will see a list of his appointments and their status. Click "Chi tiết" to view the details of each appointment.

3.3.8. Appointment statistics

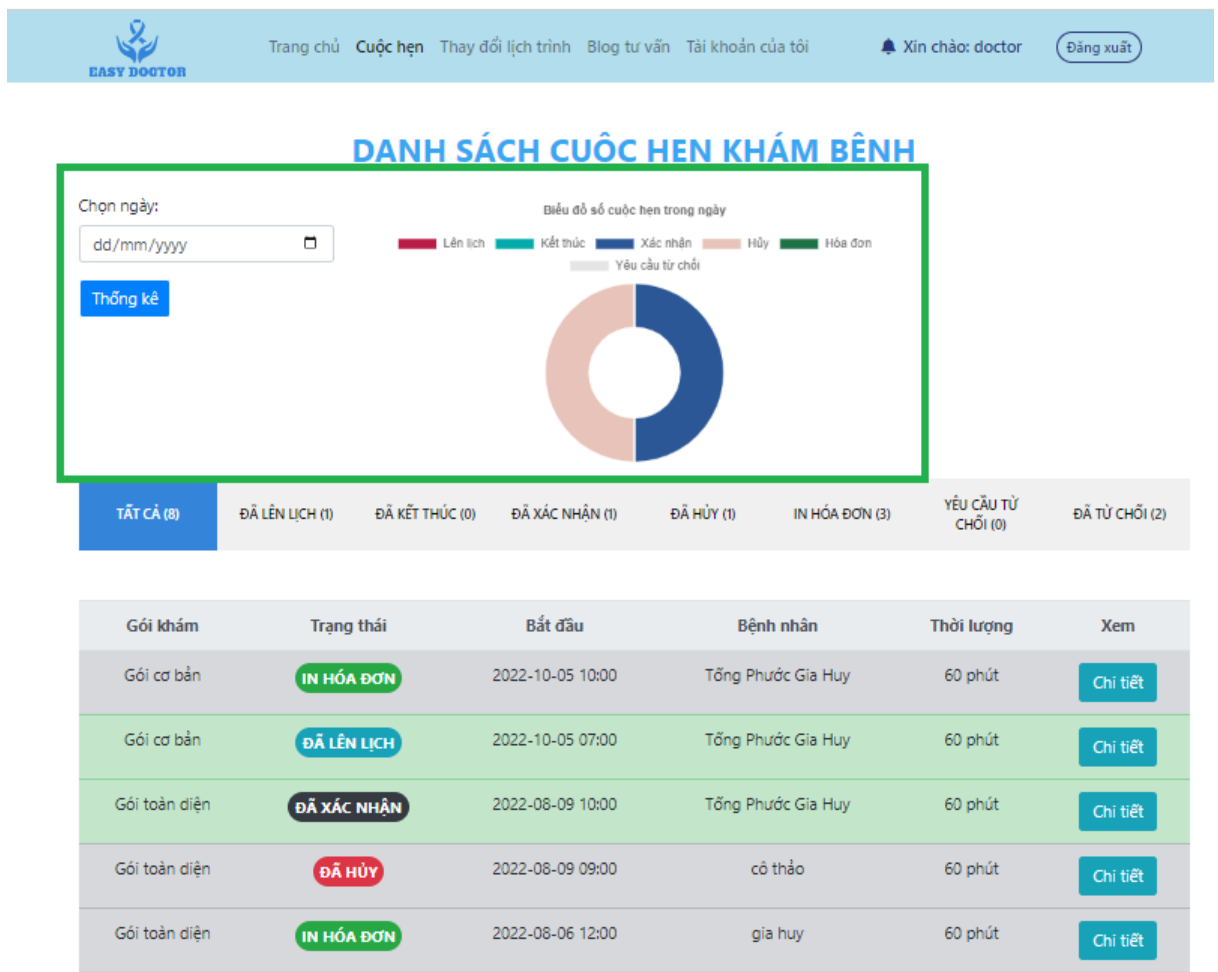


Figure 35: Appointment Statistics Screen

Use the following steps:

Step 1: After login to the account, users go to the "Cuộc hẹn" page.

Step 2: Select the date. Then click "Thống kê" to see the statistics of the day's appointments, and how many appointments are in different statuses.

3.3.9. Cancel appointment

This feature is used to cancel an appointment with a doctor

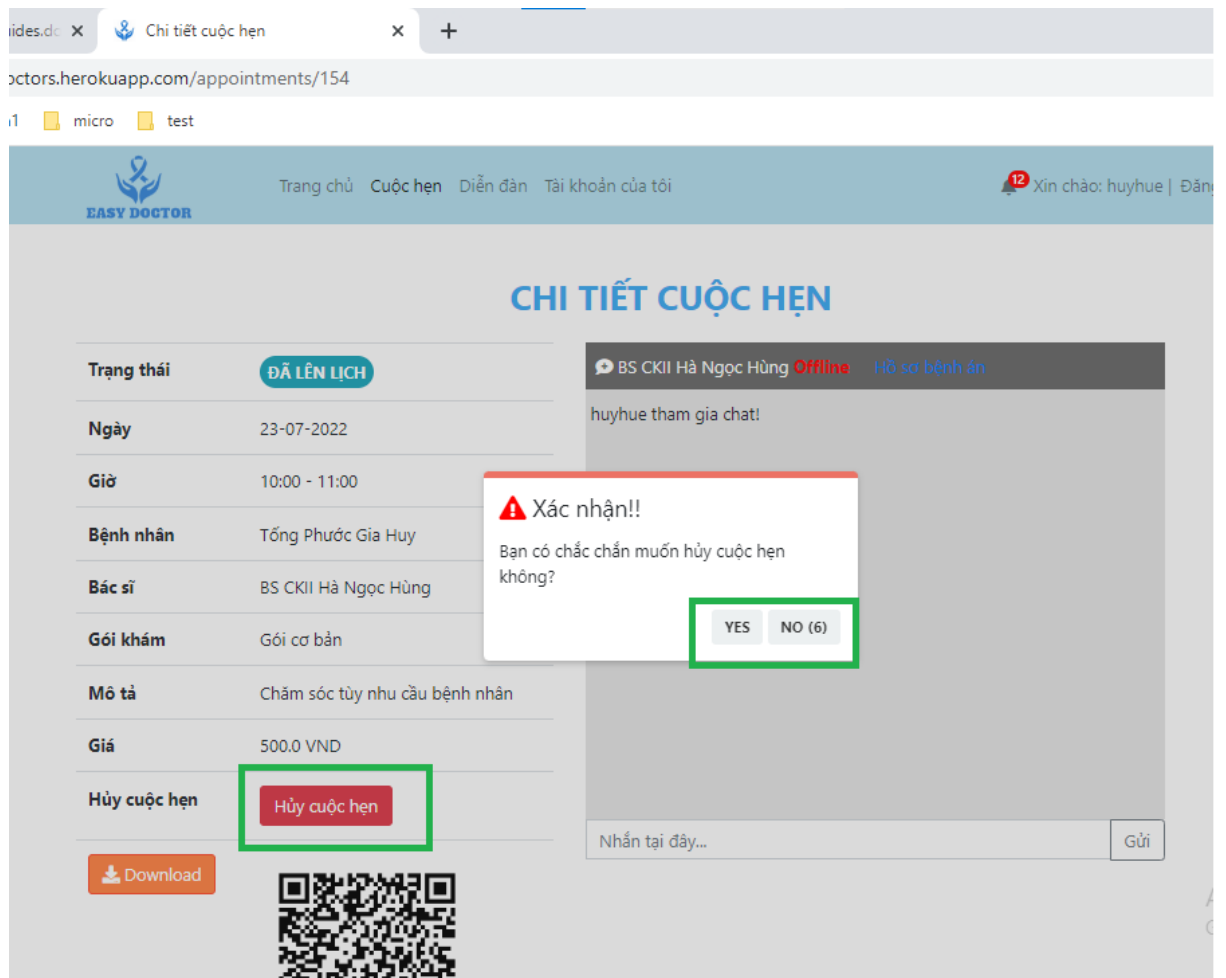


Figure 36: Cancel Appointment Screen Guide

Use the following steps:

Step 1: After login to the account, users go to the "Cuộc hẹn" page.

Step 2: Click on the details of the appointment booked with the patient.

Step 3: User clicks on "Hủy cuộc hẹn" to cancel.

Step 4: It will display a confirmation alert. Click OK to confirm cancellation.

It will send an email to the opponent to notify and change the cancel status. The doctor always has the right to cancel an appointment while in the scheduled state.

3.3.10. Accept reject appointment

This feature is used to accept appointment declines when the appointment does not go as scheduled with the doctor role. This feature has 2 ways to accept appointment declines.

Method 1: Accept the rejection by clicking "Chấp nhận" on the system.

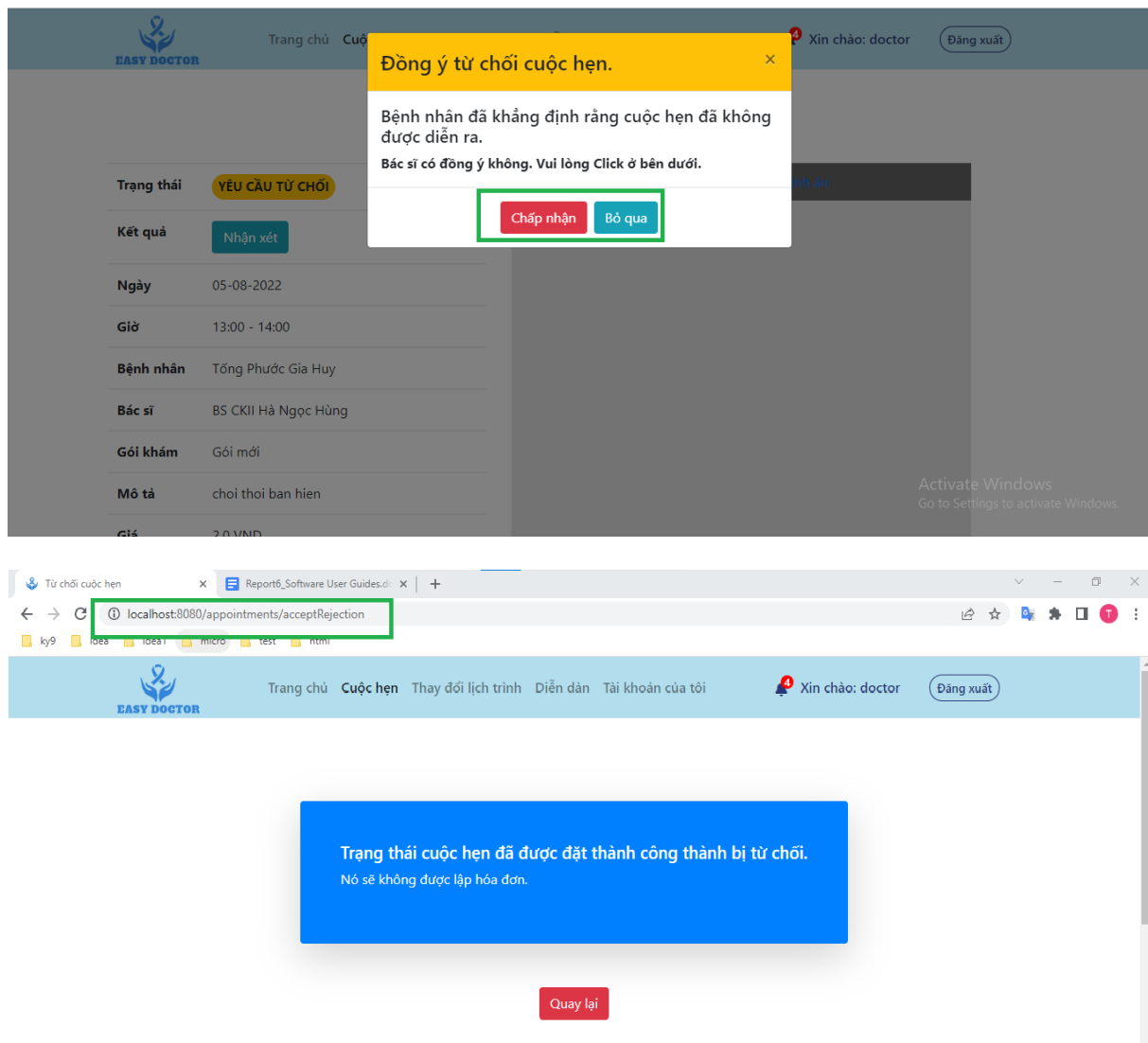


Figure 37: Accept Reject Appointment Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the patient.
- Step 3: It will show an appointment accepting the rejection popup. Click "Chấp nhận" if the doctor agrees it is true. Otherwise, click "Bỏ qua".
- Step 4: Switch to the success confirmation screen.
- *The doctor has 24 hours to accept the denial from the patient. Otherwise, the system will automatically send the invoice.*

Method 2: Accept rejection by clicking the token link on Gmail sent to the doctor.

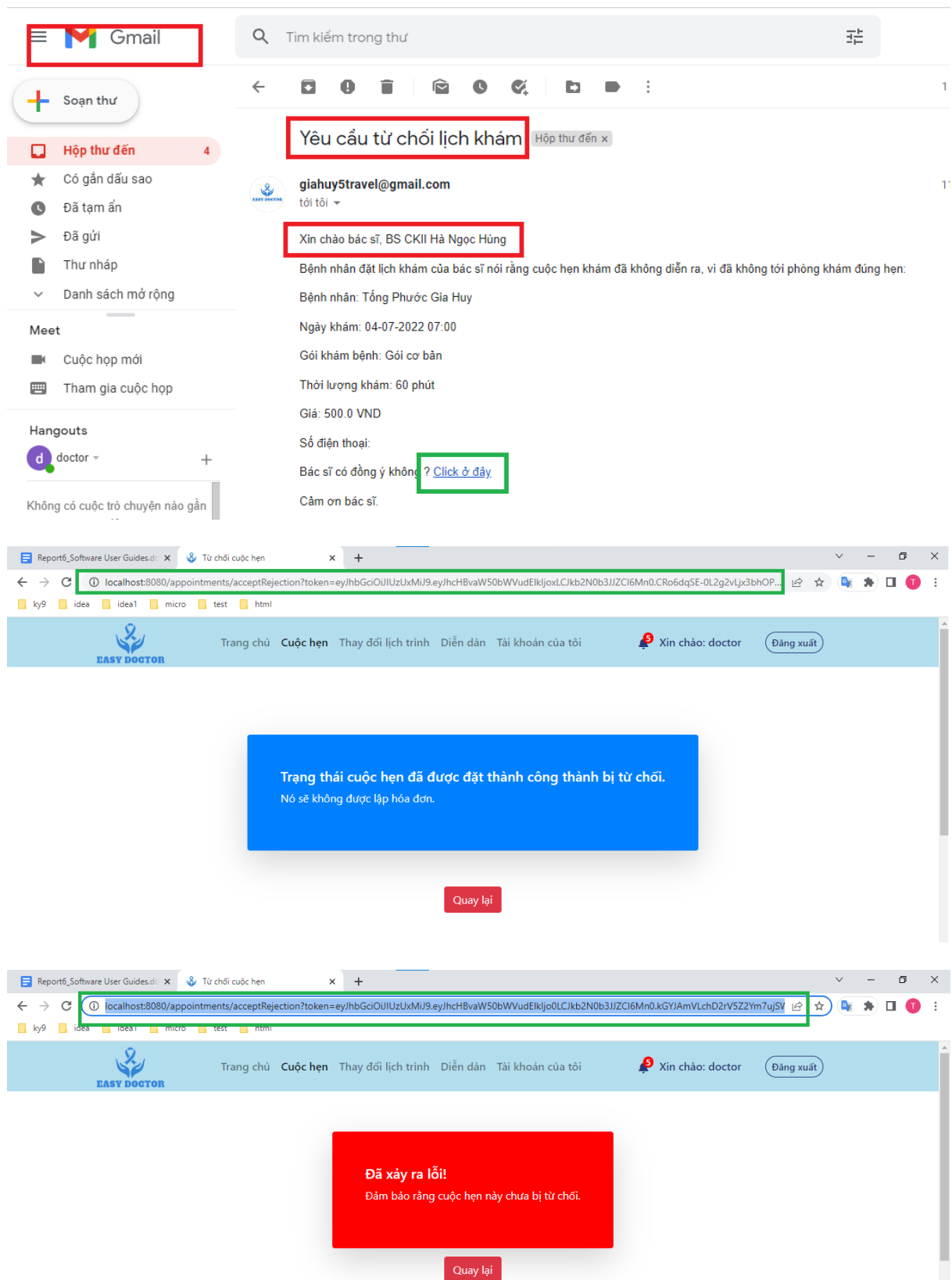


Figure 38: Accept Reject Appointment Screen Guide

Use the following steps:

- Step 1: After logging in to your Gmail account, the doctor checks the mail.

- Step 2: The system will send an accepted rejection email to the doctor.
- Step 3: Doctor Click the link token sent by email to accept the rejection of the appointment.
- Step 4: Switch to the success confirmation screen.
- *The token link will be valid for 24 hours from the time of sending the email.*

3.3.11. Chat real-time

This feature is used for real-time chat about appointments between patients and doctors.

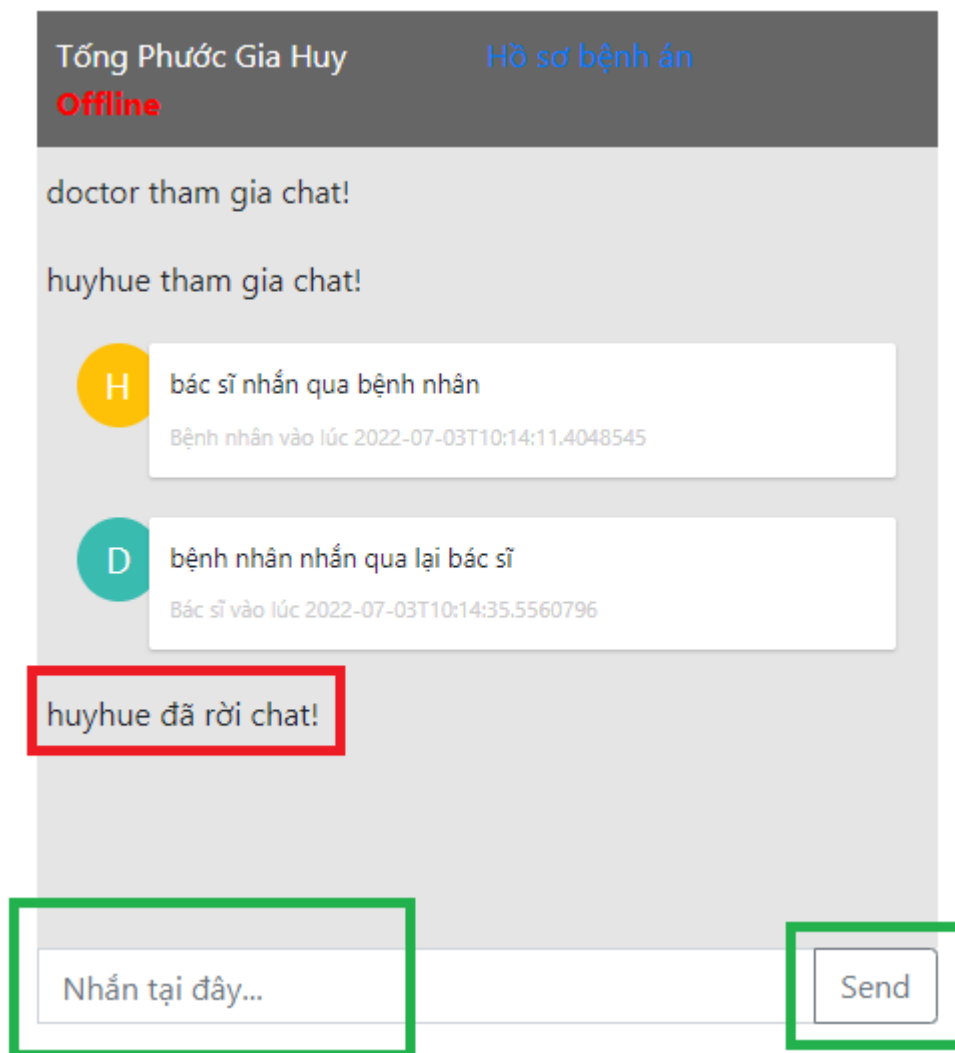



Figure 39: Chat Realtime Screen Guide

Use the following steps:

- Step 1: After login to the account, users go to the "Cuộc hẹn" page.
- Step 2: Click on the details of the appointment booked with the patient.
- Step 3: Enter the text of the message and click send to chat about the appointment.
- *In this function, users can chat online in real time and can see the chat status of the opposite party.*

3.3.12. Edit scheme

This feature is used to change the doctor's schedule. This schedule will be changed to accommodate the patient.










Trang chủCuộc hẹnThay đổi lịch trìnhBlog tư vấnTài khoản của tôi

Xin chào: doctor

Đăng xuất

QUẢN LÝ THAY ĐỔI LỊCH TRÌNH

Thứ	Thời gian bắt đầu	Thời gian kết thúc	Set mặc định
Thứ Hai	06:00 SA	06:00 CH	
Thứ Ba	12:00 CH	06:00 CH	
Thứ Tư	06:06 SA	06:00 CH	
Thứ Năm	09:00 SA	01:00 CH	
Thứ Sáu	06:00 SA	06:00 CH	
Thứ Bảy	06:00 SA	06:00 CH	
Chủ Nhật	11:00 SA	06:00 CH	

Lưu thay đổi

Activate Windows
Go to Settings to activate Windows

Figure 40: Edit Scheme Screen

Use the following steps:

- Step 1: After login to the account, the user clicks” Thay đổi lịch trình”.
- Step 2: The doctor chooses the time of each day to change
- Step 3: Click “ Lưu thay đổi”
- Step 4: Will display a confirmation alert. The doctor selects OK to confirm.

Appointments booked by the patient with this doctor that are not on the doctor's schedule will be cancelled and notified to the patient.

3.3.13. List-post

This feature is used to list posts in Blogs for doctors.

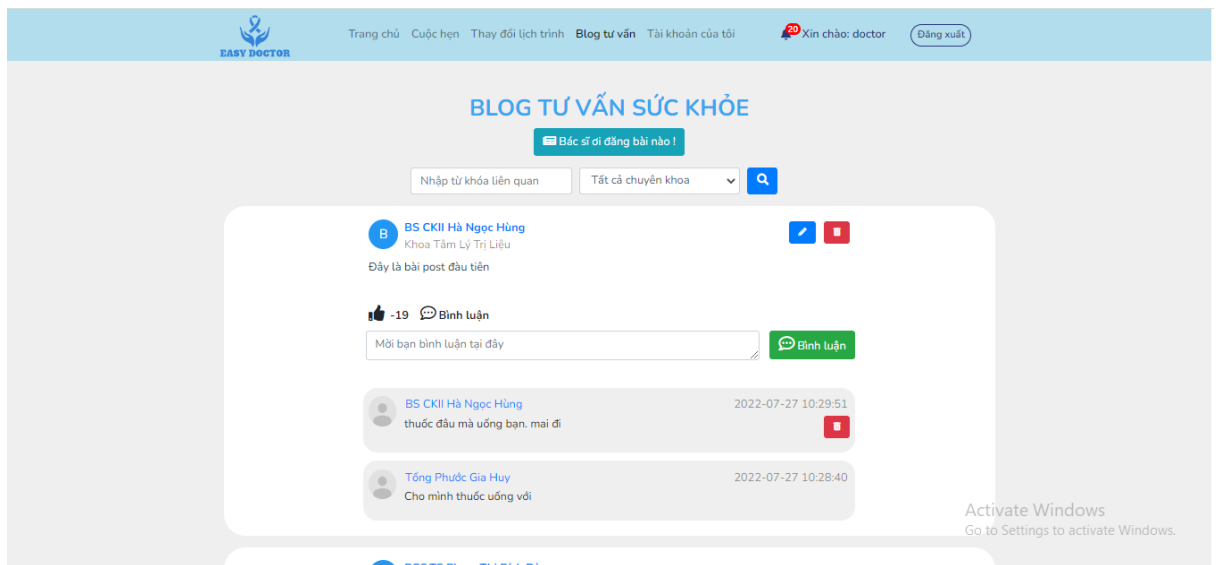


Figure 41: List Post Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks "Diễn đàn".

Step 2: Type in the input or specialty combo to search for related posts.

3.3.14. Comment/Like post

This feature is used to comment/like posts in Blogs for patients and doctors.

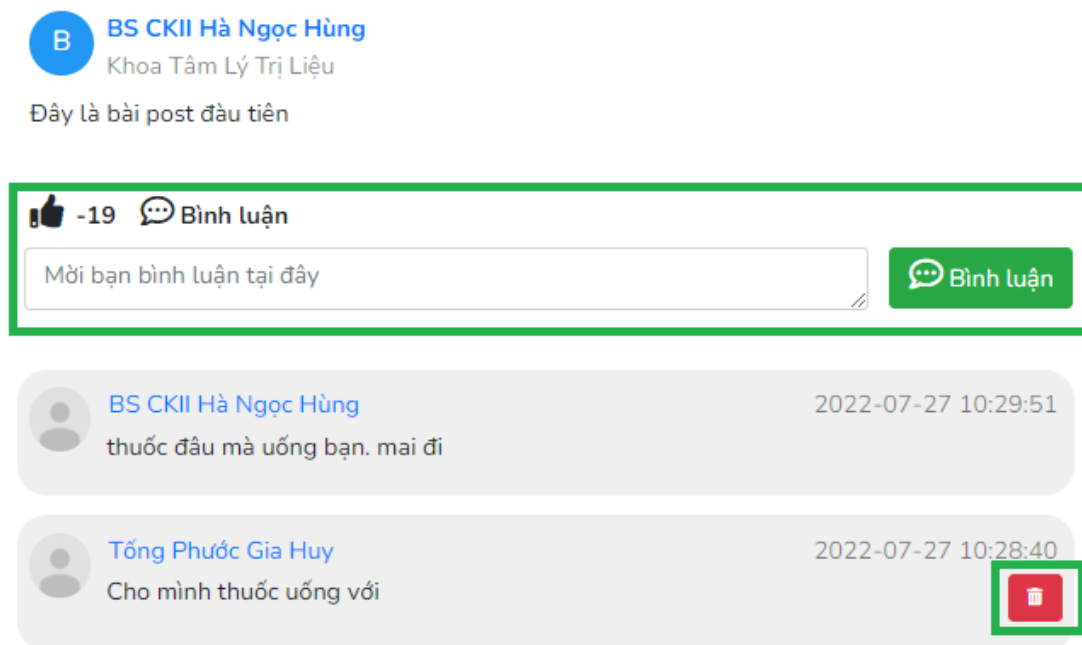


Figure 42: Comment/Like Post Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks "Diễn đàn".

Step 2: Users can like and add and delete comments on Blog posts.

3.3.15. Manage post

This feature is used to manage posts in Blogs for doctors.

Use the following steps:

Step 1: After login to the account, the user clicks "Diễn đàn".

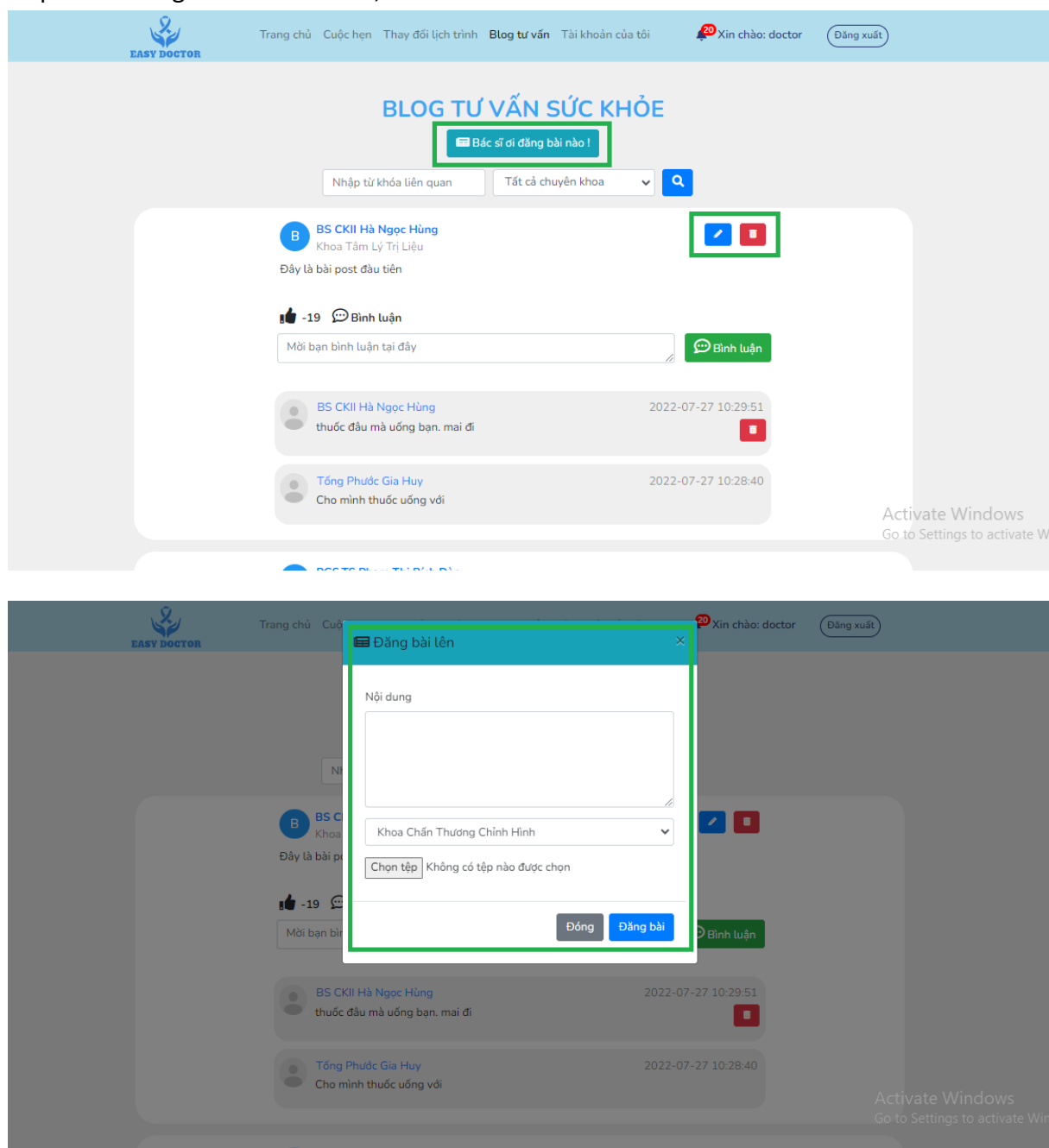


Figure 43: Manage Post Screen Guide

❖ Create post

Step 2: Choose the button "Bác sĩ ơi đăng bài nào".

Step 3: Enter the correct format of fields in the form. Click "Đăng bài" to save the post.

❖ Update post

Step 2: Click on the edit icon in every post. Show popup to update post

Step 3: Enter the correct format of fields in the form. Click "Đăng bài" to update the post.

❖ Delete post

Step 2: Click the delete icon in every post

Step 3: Display alert to confirm the deletion, Click "OK" to confirm delete post.

3.3.16. Read notification

This feature is used to read notifications from the doctor.

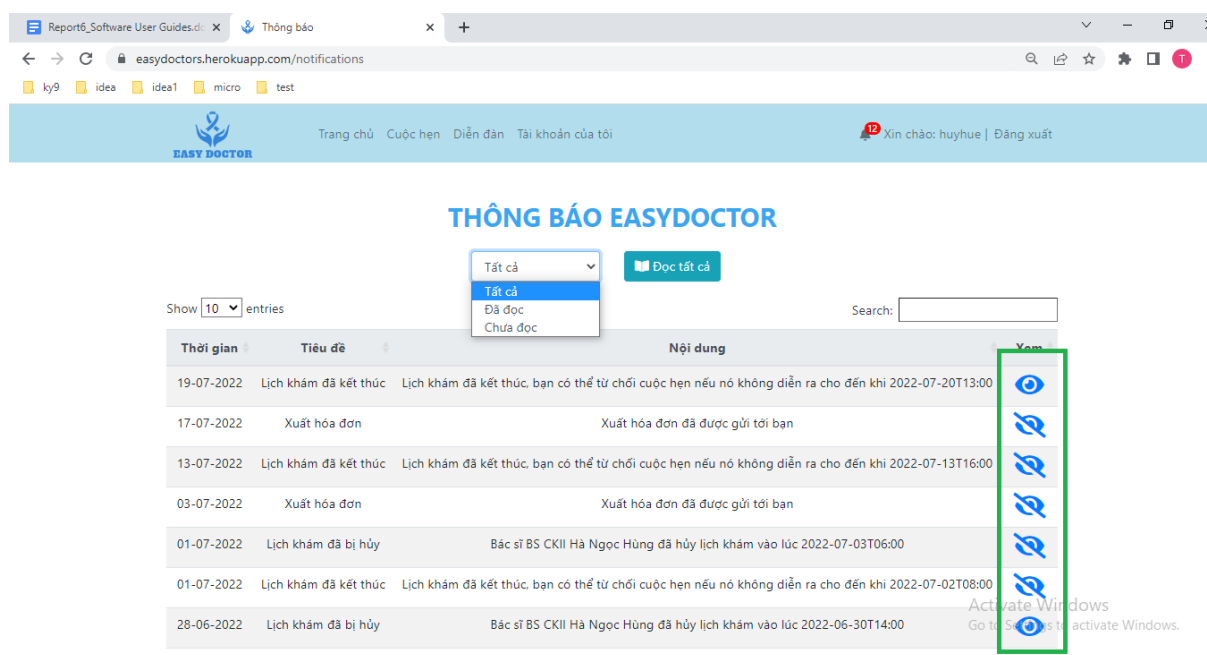


Figure 44: Read Notification Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks on the bell icon to the right of the navigation bar

Step 2: The user clicks on the message view icon on each message on the board.

Step 3: It will navigate to that notification's appointment details page.

In this function, when the user clicks on each notification, it will change the status of that notification.

3.3.17. Filter notification

This feature is used to filter notifications of patients. The user wants to see read or read notifications.

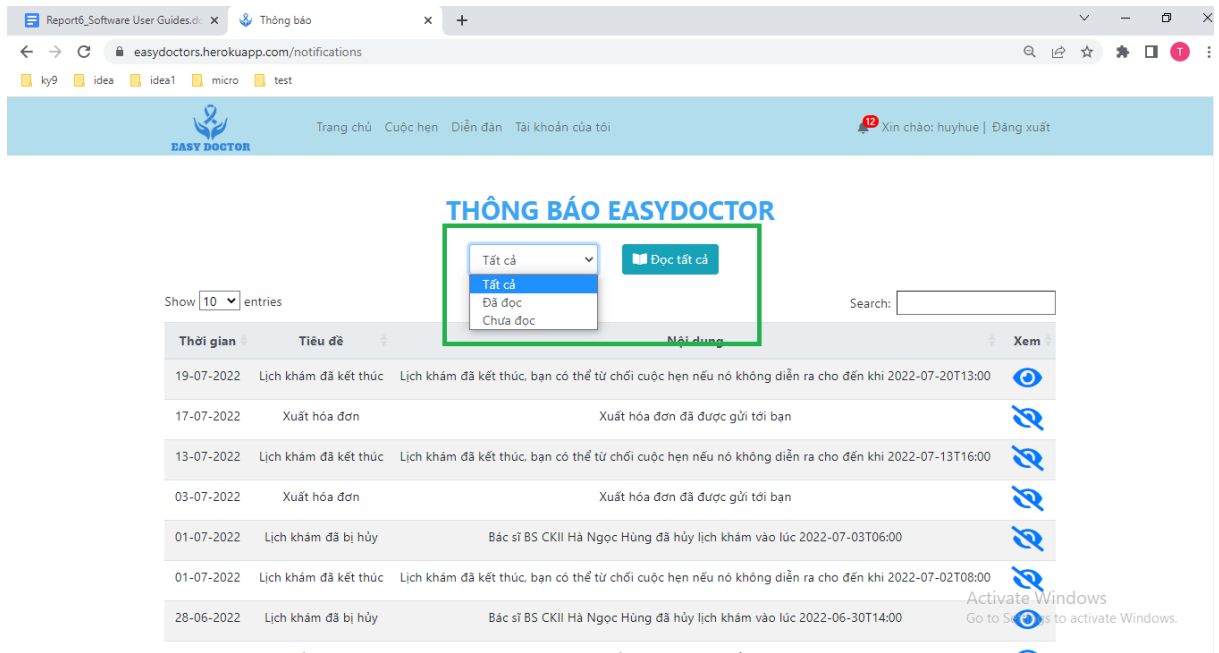


Figure 45: Filter Notification Screen Guide

Use the following steps:

Step 1: After login to the account, the user clicks on the bell icon to the right of the navigation bar.

Step 2: The user selects the notification status in the combo box.

In case the user wants to change all notifications to read. Then choose "Đọc tất cả".

3.4 User manual guide for Admin

3.4.1. Login

This feature is used to login into the system with an admin role.

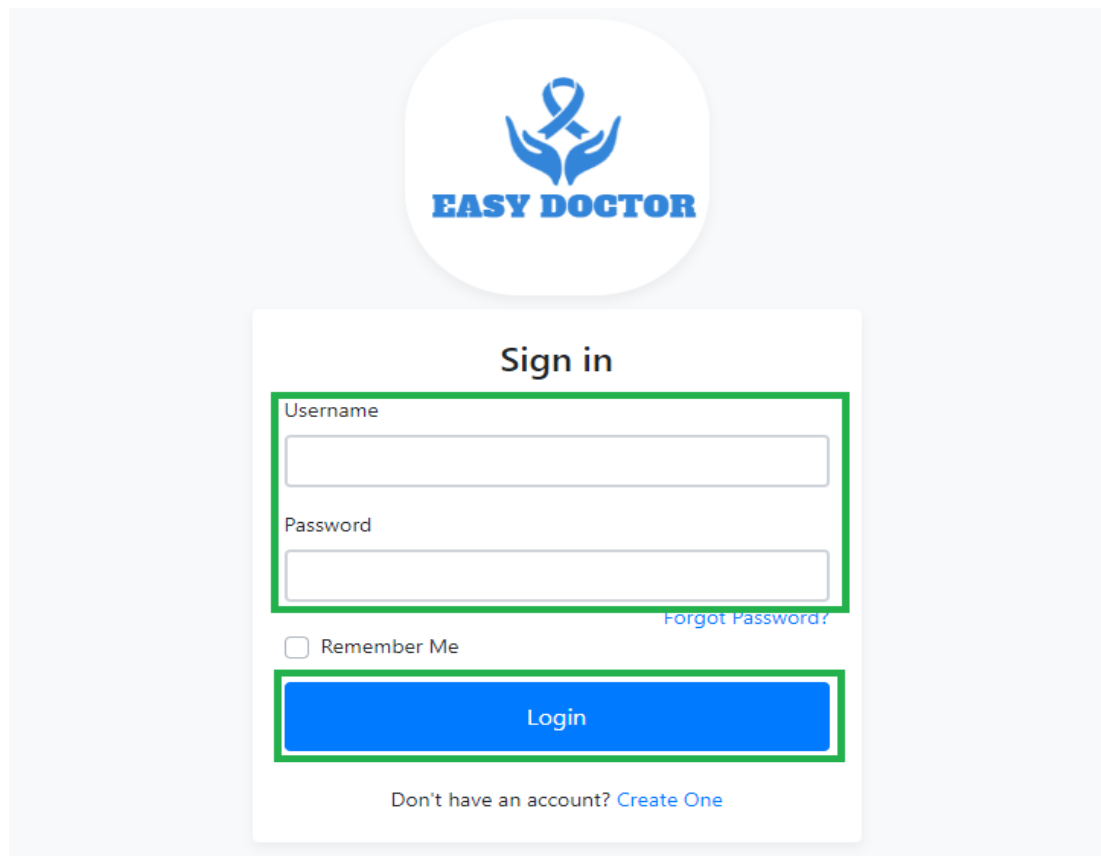


Figure 46: Login Screen Guide

Use the following steps:

Step 1: User enter the link : <https://easydoctors.herokuapp.com/login>

Step 2: Fill in the information of the account: Email or Username and Password.
(admin/ 123456)

Step 3: Click the "Đăng Nhập" button on this page.

If the Username/ Email and Password you entered are correct, the user has logged in successfully.

3.4.2. View profile

This feature is used to view the profile of an admin.

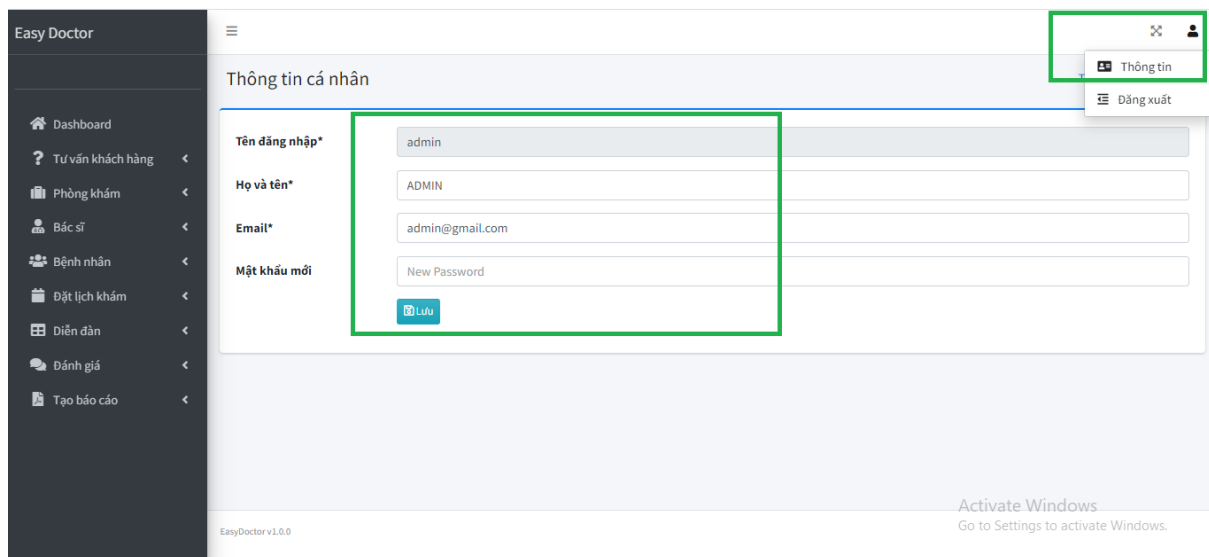


Figure 47: View Profile Screen Guide

Use the following steps:

Step 1: After login to the account, the admin click on the user icon on the right side of the screen, select "Thông tin".

Step 2: Enter in the form the information you want to change to the correct format. Click "" to change the information.

3.4.3. Dashboard

After successfully logging into the admin account. It will display statistical information according to figures and illustrative charts.

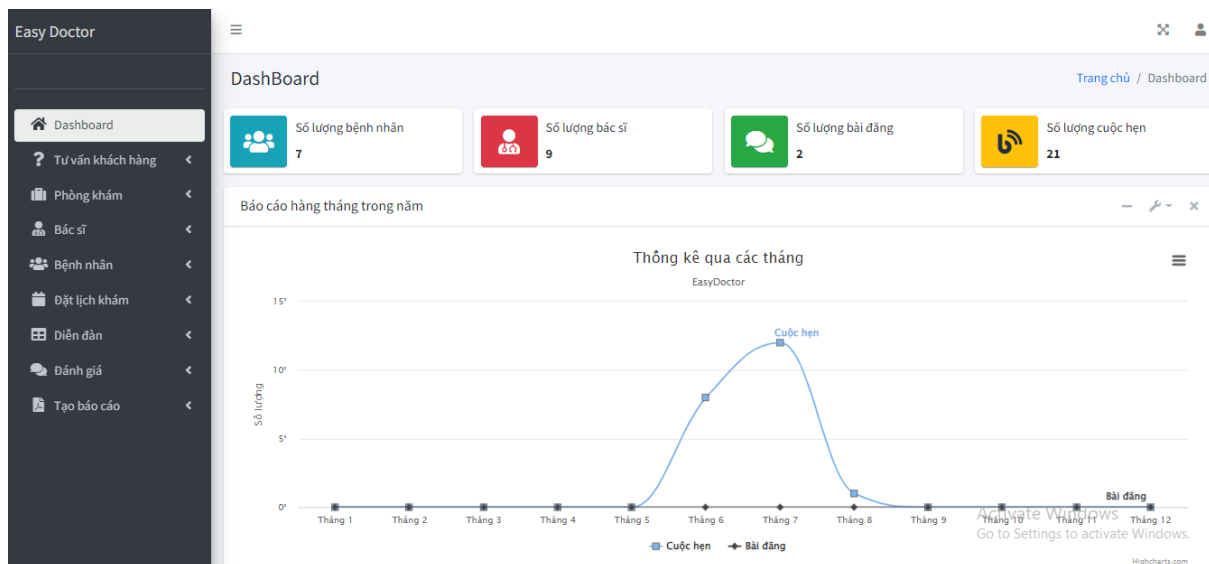


Figure 48: Dashboard Screen

3.4.4. Customer consulting

This feature is used for customer consulting of an admin.

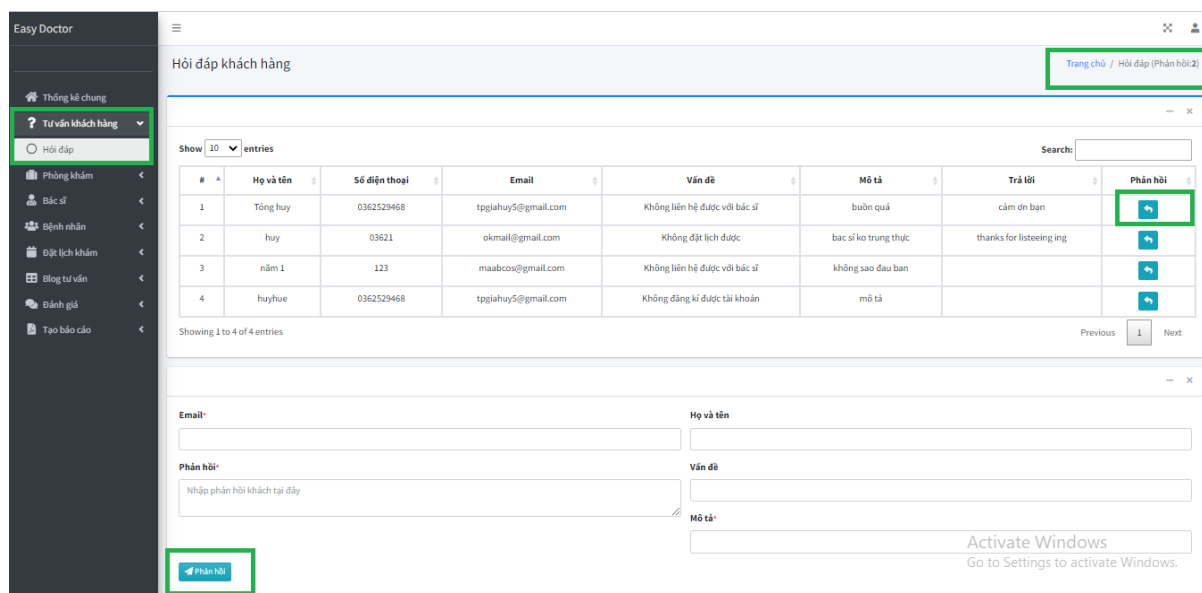


Figure 49: Customer Consulting Screen Guide

Use the following steps:

Step 1: After login to the account, the admin selects the "Hỏi đáp" item of the navigation bar on the left.

Step 2: Select the response icon in the list, it will push the information down the form for the admin to reply.

Step 3: Enter the right message and press "Phản hồi" to send an email to the customer.

3.4.5. Manage Clinic

This feature is used to manage the clinic of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Thêm phòng khám" item of the navigation bar on the left.

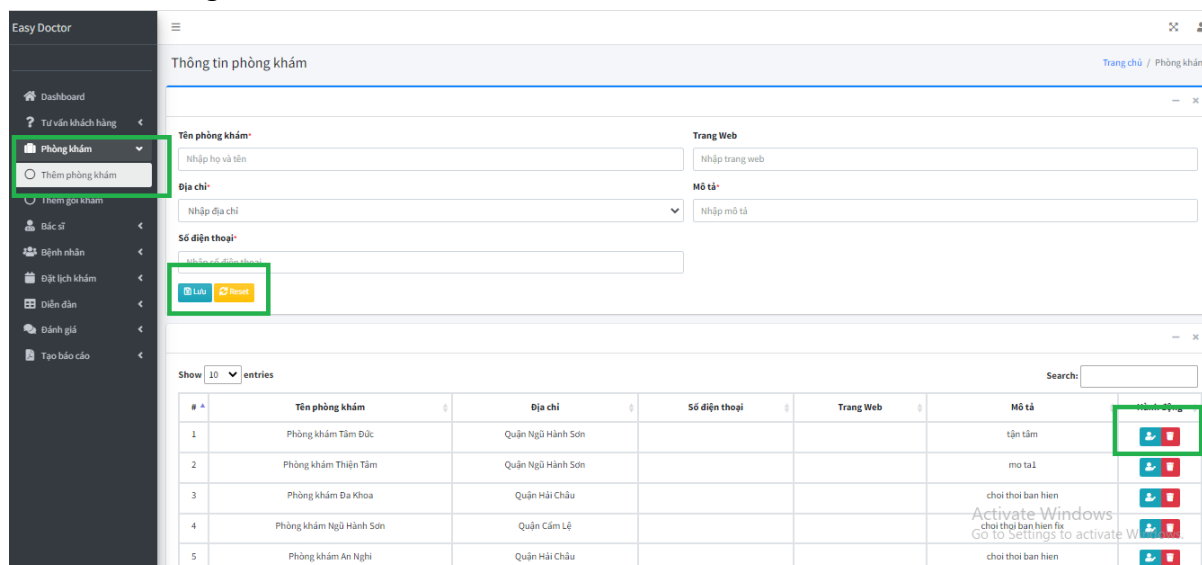


Figure 50: Manage Clinic Screen Guide

❖ **Create Clinic**

Step 2: Enter the correct format of fields in the form. Click "Lưu" to save the clinic.
The clinic name must be different from the one on the list.

❖ **Update Clinic**

Step 2: Click on the edit icon in the "Hành động" to get the data on the form.
 Step 3: Enter the correct format of fields in the form. Click "Lưu" to update the clinic.
The clinic name must be different from the one on the list.

❖ **Delete Clinic**

Step 2: Click the delete icon in the "Hành động" to confirm the deletion.
 Step 3: Display alert to confirm the deletion, Click "OK" to confirm.

3.4.6. Manage Package

This feature is used to manage the package of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Thêm gói khám" item of the navigation bar on the left.

The screenshot shows the 'Manage Package' interface. On the left, the sidebar has a menu with 'Thêm gói khám' (Add Package) highlighted. The main content area has a form for adding a new package. The form fields are: Name (text input), Description (text input), Price (text input), Duration (text input), and a checkbox for 'Cancelable by patient?'. Below the form are 'Save' and 'Reset' buttons. Below the form is a table with the following data:

#	Name	Price	Duration	Cancelable	Description	Action
1	Gói cơ bản	500	60	true	Chăm sóc tùy nhu cầu bệnh nhân	[Edit] [Delete]
2	Gói toàn diện	1000	60	true	Chăm sóc toàn diện sức khỏe bệnh nhân	[Edit] [Delete]
3	Gói 6 tháng	3200	60	true	Chăm sóc trọn gói trong vòng 6 tháng	[Edit] [Delete]
4	gói 1này bat tan	100	1	false	chơi thời gian hiện	[Edit] [Delete]
5	admin qu	120	60	true	sadasdsa	[Edit] [Delete]

Figure 51: Manage Package Screen Guide

❖ **Create Package**

Step 2: Enter the correct format of fields in the form. Click "Lưu" to save the package.
The package name must be different from the one on the list.

❖ **Update Package**

Step 2: Click on the edit icon in the "Hành động" to get the data on the form.
 Step 3: Enter the correct format of fields in the form. Click "Lưu" to update the package.
The package name must be different from the one on the list.

❖ Delete Package

Step 2: Click the delete icon in the "Hành động" to confirm the deletion.

Step 3: Display alert to confirm the deletion, Click "OK" to confirm.

3.4.7. Manage Doctor

This feature is used to manage the doctor of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Thêm bác sĩ" item of the navigation bar on the left.

#	Tên đăng nhập	Email	Họ và tên	Chuyên khoa	Phòng khám	Hoạt động	Hành động
1	doctor	tpgiahu5@gmail.com	BS CKII Hà Ngọc Hùng	Khoa Chẩn Thường Chính Hình	Phòng Khám Tâm Đức	true	[Edit] [Delete]
2	doctor1	doctor1@gmail.com	PGS.TS. Phạm Thị Bích Đào	Khoa Tâm Lý Trị Liệu	Phòng Khám Tâm Đức	true	[Edit] [Delete]
3	doctor2	doctor2@gmail.com	PGS.TS. Đinh Ngọc Sơn	Khoa Răng Hàm Mút	Phòng Khám Thiện Tâm	false	[Edit] [Delete]
4	doctor3	doctor3@gmail.com	TS. Nguyễn Hoàng Long	Khoa Tâm Lý Trị Liệu	Phòng Khám Thiện Tâm	false	[Edit] [Delete]
5	doctor4	doctor4@gmail.com	Ths.BS. Trần Đức Đại	Khoa Tâm Lý Trị Liệu	Phòng Khám Tâm Đức	true	[Edit] [Delete]
6	doctor5	doctor5@gmail.com	BS. Nguyễn Thị Ngọc Lan	Khoa Sản	Phòng Khám Đa Khoa	false	[Edit] [Delete]

Figure 52: Manage Doctor Screen Guide

❖ Create Doctor

Step 2: Enter the correct format of fields in the form. Click "Lưu" to save the doctor.

The username and email must be different from the name in the list. The system will send login information to the newly added email.

❖ Update Doctor

Step 2: Click on the edit icon in the "Hành động" to get the data on the form.

Step 3: Enter the correct format of fields in the form. Click "Lưu" to update the doctor.

❖ View detail Doctor

Step 2: Click on the see icon in the "Hành động" to view the doctor.

3.4.8. Manage Patient

This feature is used to manage the patient of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Xem bệnh nhân" item of the navigation bar on the left.

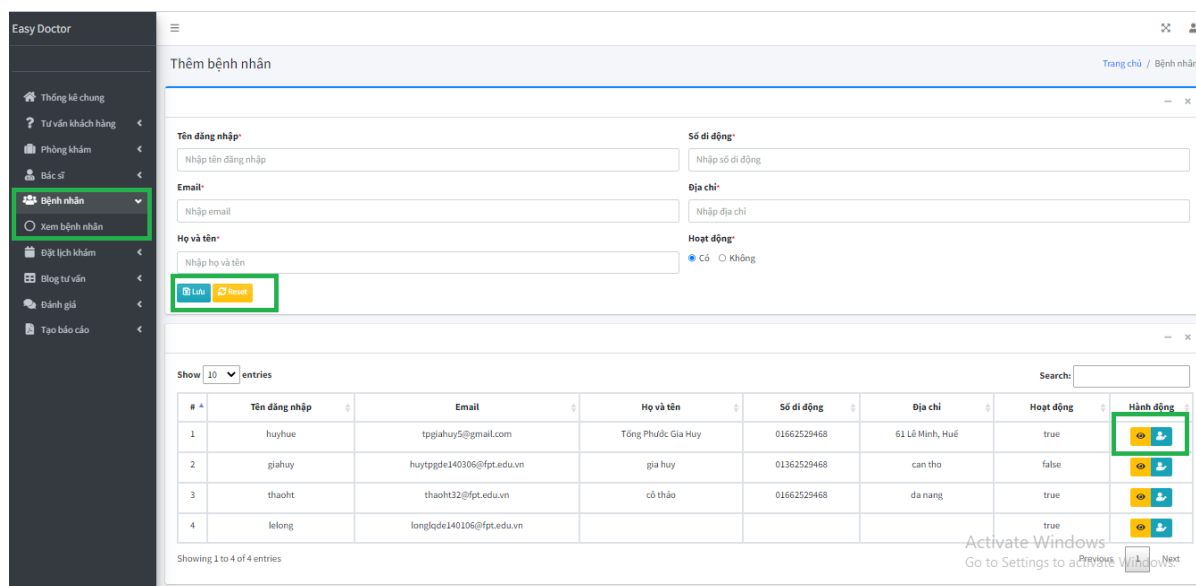


Figure 53: Manage Patient Screen Guide

❖ Create Patient

Step 2: Enter the correct format of fields in the form. Click "Lưu" to save the patient. *Username and email must be different from the name in the list. The system will send login information to the newly added email.*

❖ Update Patient

Step 2: Click on the edit icon in the "Hành động" to get the data on the form.

Step 3: Enter the correct format of fields in the form. Click "Lưu" to update the patient.

❖ View detail Patient

Step 2: Click on the see icon in the "Hành động" to view the patient.

3.4.9. Manage appointment

This feature is used to manage the appointment of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Xem lịch khám" item of the navigation bar on the left.

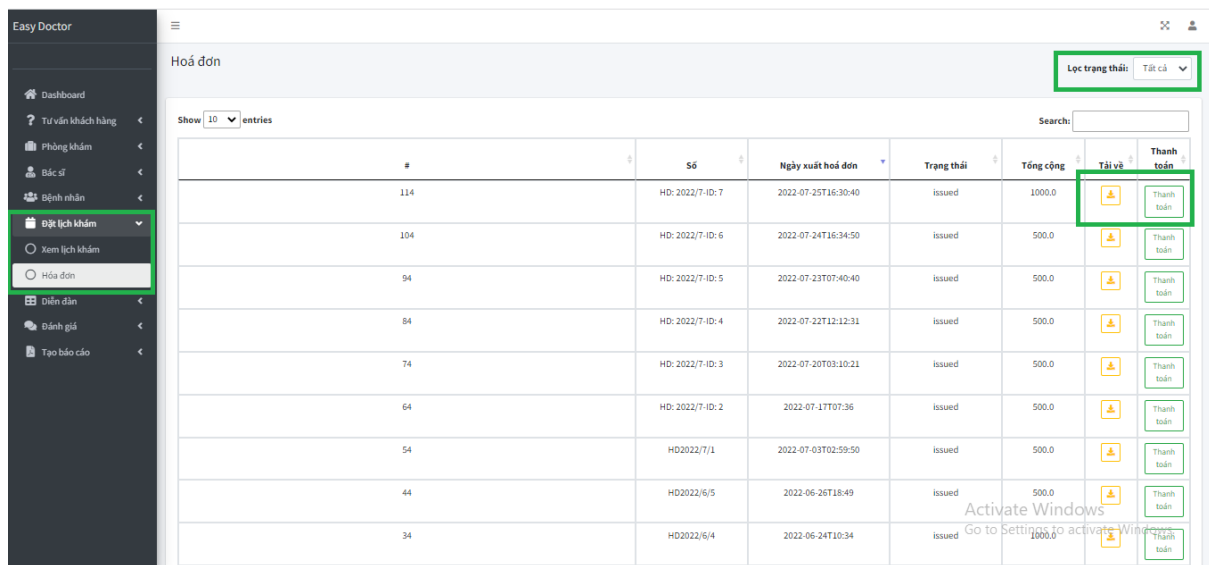


Figure 55: Manage Invoice Screen Guide

❖ Download Invoice

Step 2: Click on the download icon in the "Tải về" to download the appointment. The system will download the invoice PDF file to the computer.

❖ Pay Invoice

Step 2: Click the "Thanh toán" button to confirm bill payment.

Step 3: Display an alert to confirm bill payment. Click "OK" to confirm payment.

The system will send an email containing the invoice PDF file to the patient with the billing status paid.

3.4.11. Manage post

This feature is used to manage the post of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Thêm bài" item of the navigation bar on the left.

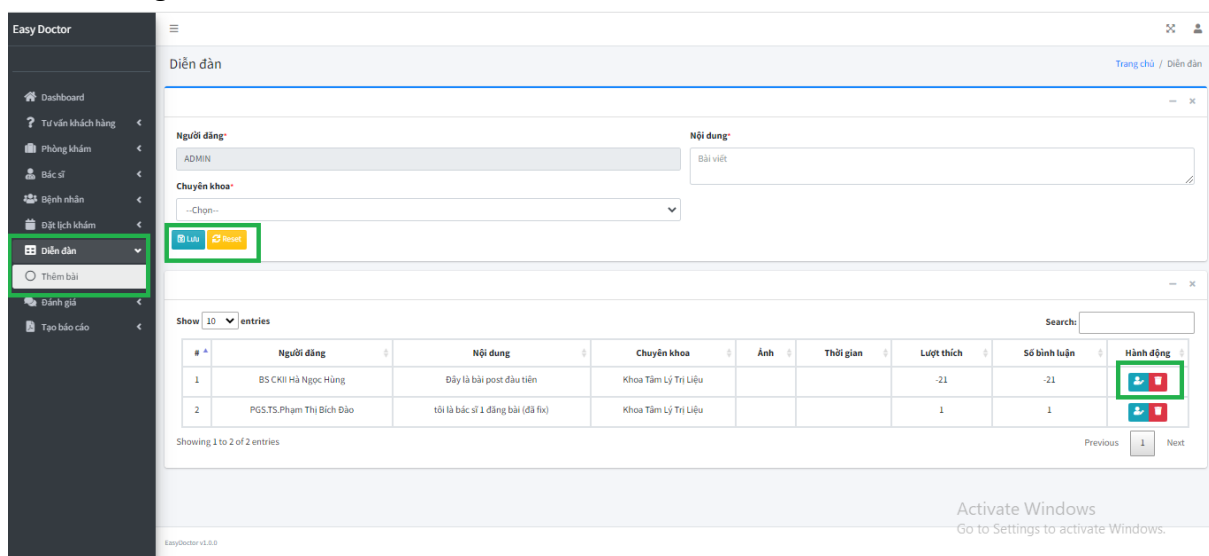


Figure 56: Manage Post Screen Guide

❖ **Create post**

Step 2: Enter the correct format of fields in the form. Click "Lưu" to save the post.

❖ **Update post**

Step 2: Click on the edit icon in the "Hành động" to get the data on the form.

Step 3: Enter the correct format of fields in the form. Click "Lưu" to update the post.

❖ **Delete post**

Step 2: Click the delete icon in the "Hành động" to confirm the deletion.

Step 3: Display alert to confirm the deletion, Click "OK" to confirm.

3.4.12. Manage review

This feature is used to manage the review of an admin.

Use the following steps:

Step 1: After login to the account, the admin selects the "Xem đánh giá" item of the navigation bar on the left.

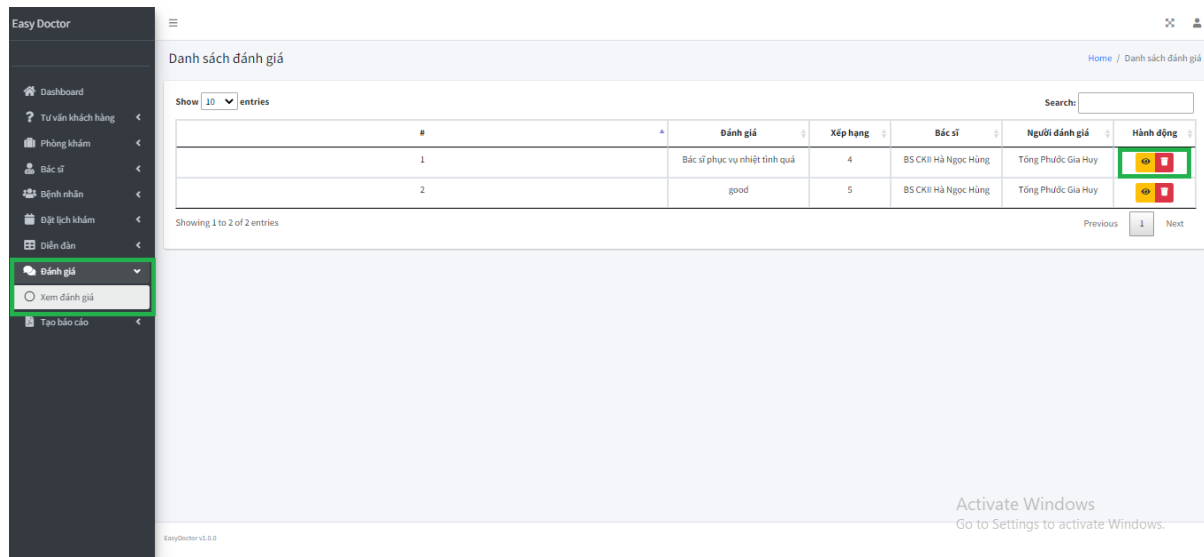


Figure 57: Manage Review Screen Guide

❖ **View detailed review**

Step 2: Click the see icon in the "Hành động" to see a list of reviews of reviewed doctors.

❖ **Delete review**

Step 2: Click the delete icon in the "Hành động" to confirm the deletion.

Step 3: Display alert to confirm the deletion, Click "OK" to confirm.