

**CAPSTONE PROJECT REPORT**

**Report 6 – Software User Guides**

– Hanoi, August 2023 –

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# I. Record of Changes

| **Date** | **A\* M, D** | **In charge** | **Change Description** |
| --- | --- | --- | --- |
| 20/12/2023 | A | Report Create | Create the report item 1 |
| 23/12/2023 | A | Add | Add item 2 |
| 17/01/2024 | M | Modify | Modify report |
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\*A - Added M - Modified D - Deleted

# II. Release Package & User Guides

## 1. Deliverable Package

| **No.** | **Deliverable Item** | **Description** | **Version** |
| --- | --- | --- | --- |
| Documents | | | |
| 1 | Final Report Document | SEP490\_G74\_HCS\_Report7\_Final Project Report.pdf | 1.2 |
| 2 | Slide | SEP490\_G74\_HCS\_Slide.pptx | 1.0 |
| 3 | Unit Test Report | HCS\_Unit Test Report.xlsx | 1.0 |
| 4 | Integration test report | HCS\_Integration Test Report.xlsx | 1.3 |
| 5 | System test report | HCS\_System Test Report.xlsx | 1.2 |
| Code Packages | | | |
| 6 | Back-end Source Code | HCS Backend code  URL Source:  https://github.com/quangson258369/SEP490\_G74/tree/main/SEP490\_G74 | 1.3 |
| 7 | Front-end Source Code | HCS Frontend code  URL Source:  https://github.com/quangson258369/SEP490\_G74/tree/main/SEP490\_G74\_FE | 1.3 |
| Scripts | | | |
| 8 | Final Report Document | HCS\_Script.sql | 1.2 |

## 2. Installation Guides

### 2.1 System Requirements

- Any laptop or pc that is able to use Google Chrome or Mozilla Firefox. Google Chrome

- .Net Core 6

- SQL Server

- Node JS 18

### 2.2 Installation Instruction

#### 2.2.1 Clone both source code

* Clone both source code Back-end, Front-end from GitHub url in **Deliverable Package**

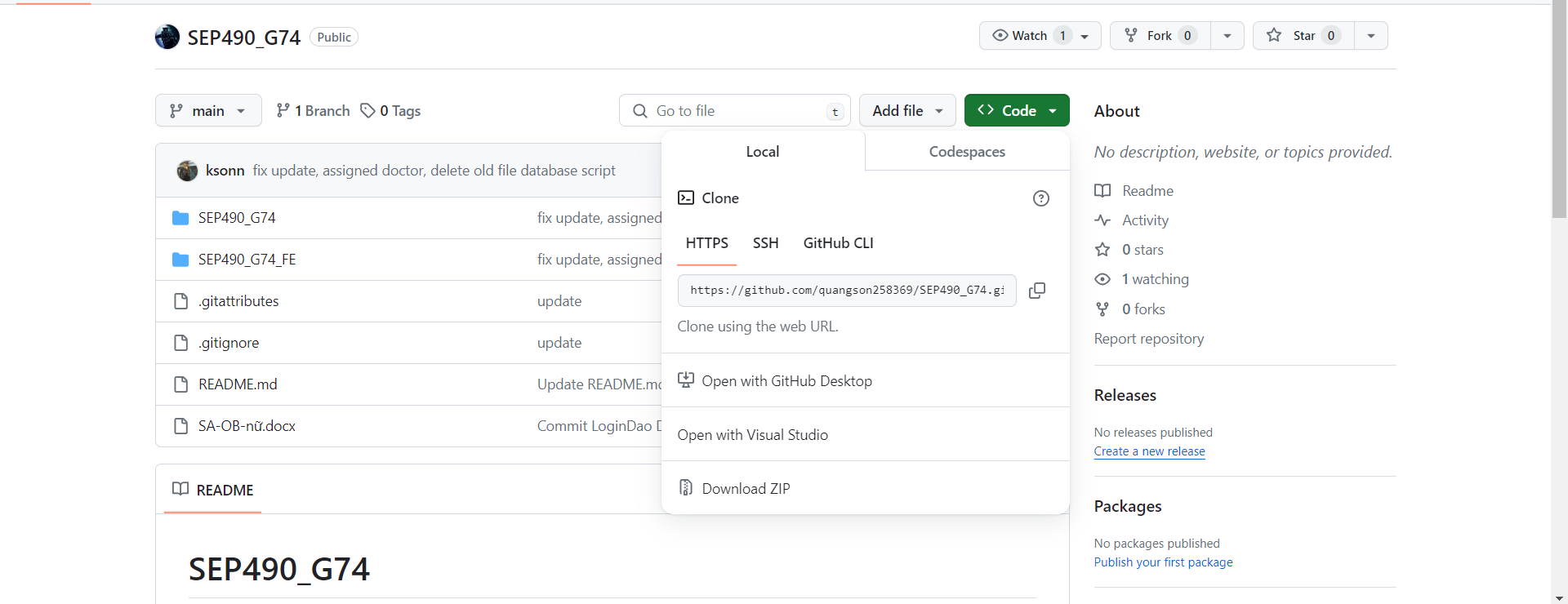


Figure 1: Source code Github

#### 2.2.2 Config source code

* Back-end:
* Step 1: Go to *appsettings*.json file to change URL API in “***applicationUrl***”

*(...\HCS.API\appsettings.json)*

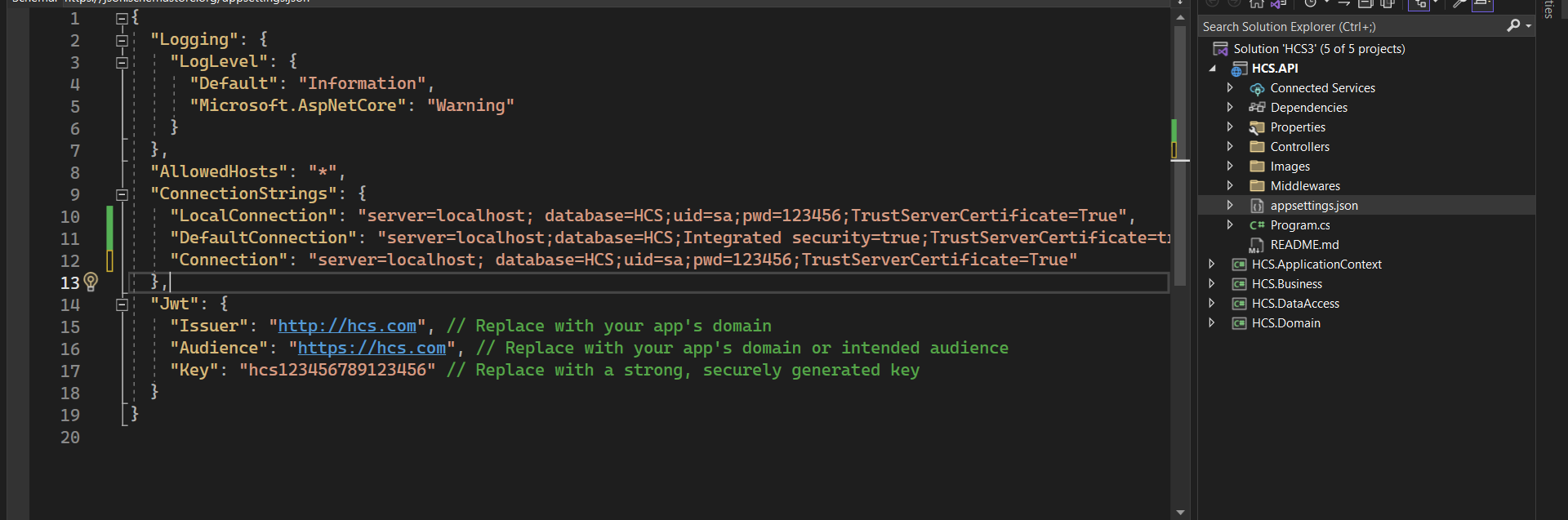


Figure 2: Config URL API

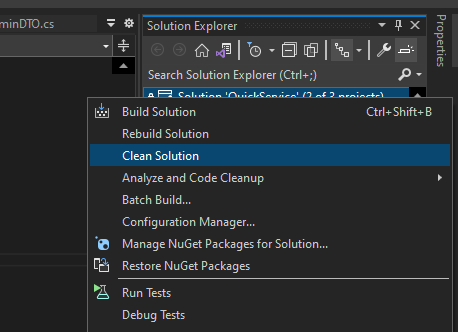
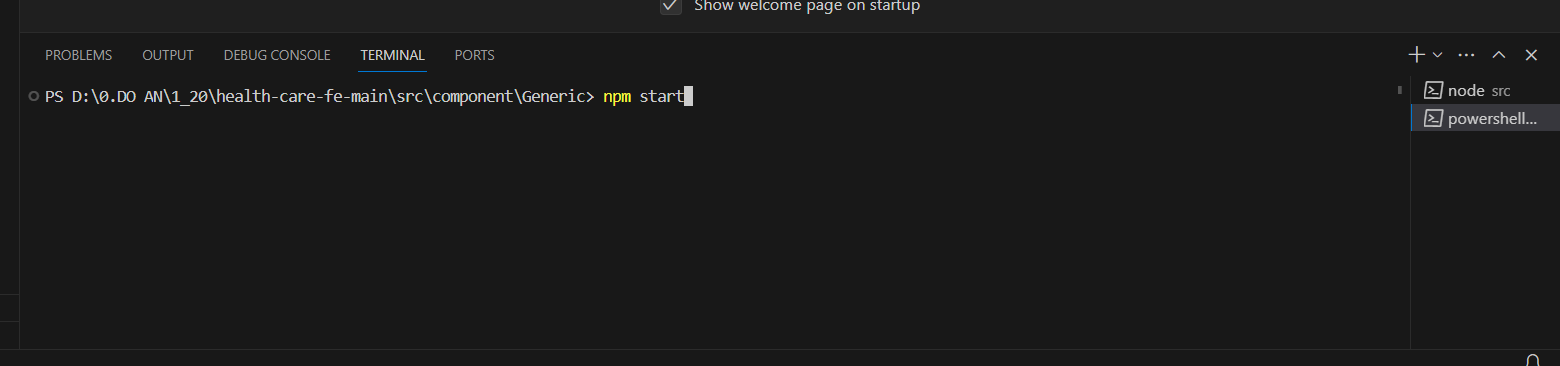
* Step 2: Clean solution
* 

Figure 3: Clean Solution

* Step 3: Rebuild Solution in the above menu or press (Ctr + Shift + B)
* Step 4: Run project
* Front-end:
* Step 1: Install library of the project to local by “***npm start***”command in the terminal
* Step 2: run Project by “***npm run dev***” command

#### 2.2.3 Setup database connection

* Database store on the cloud so no need to config Database connection in the project.
* Connect to database from local with config:
* Server Type: **Database Engin**e
* Server Name: ***localhost***
* User: **sa**
* Password:**1234567**

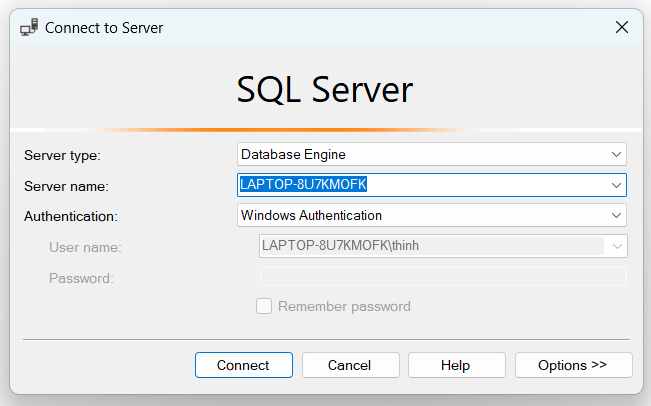


Figure 4: Database connection

#### 

## 3. User Manual

### 3.1 Overview

This User Manual is divided into 4 sections. One is for regular users and another one is for manager,cashier,nurse,doctor.

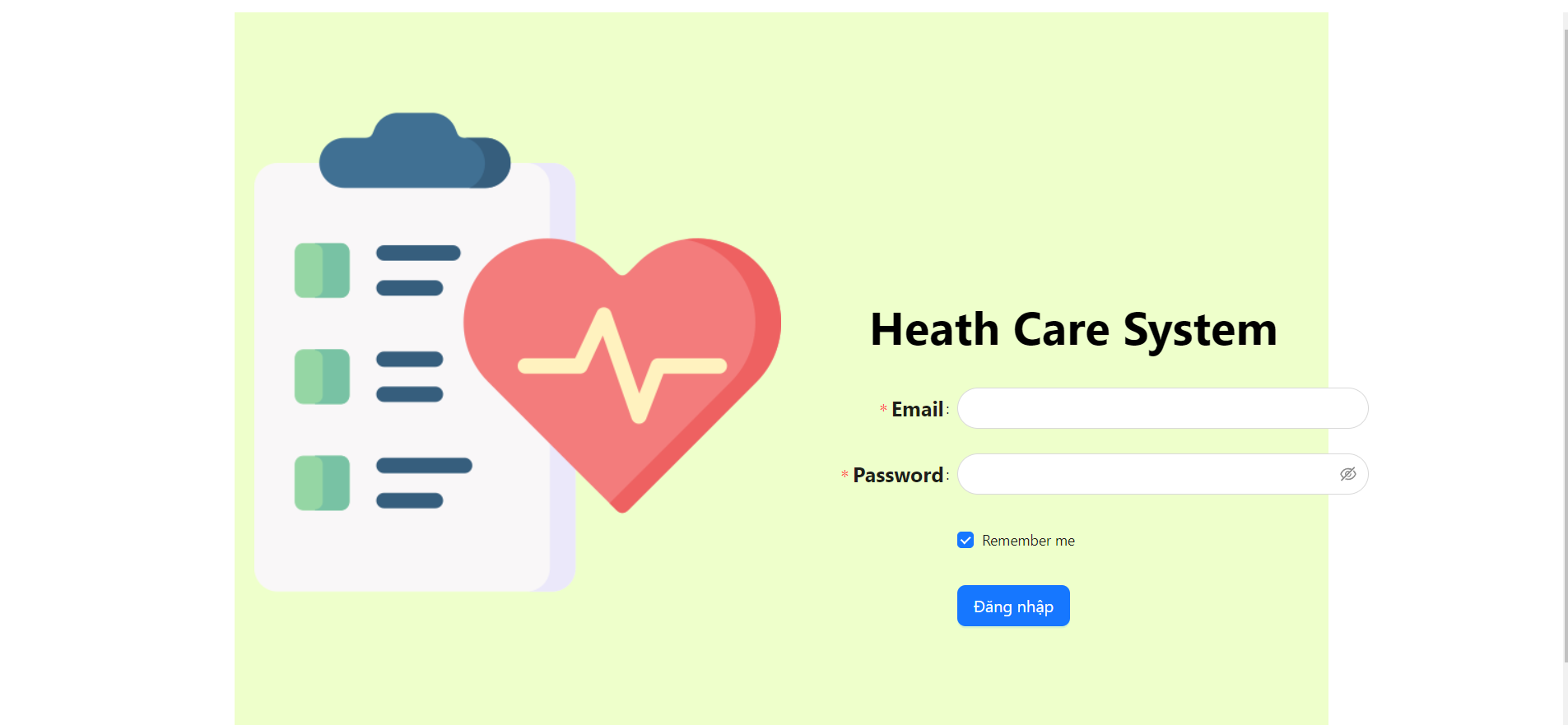
Each section will explain the usage and steps for each feature of the respective account’s role.

### 3.2 User manual guide for Regular Users

#### 3.2.1 Login

This feature is used for both Regular Manager to login into the application.

- **Step 1**: Go into the login page of the system with the following link:<http://localhost:3000/login>



*Figure 1: Login*

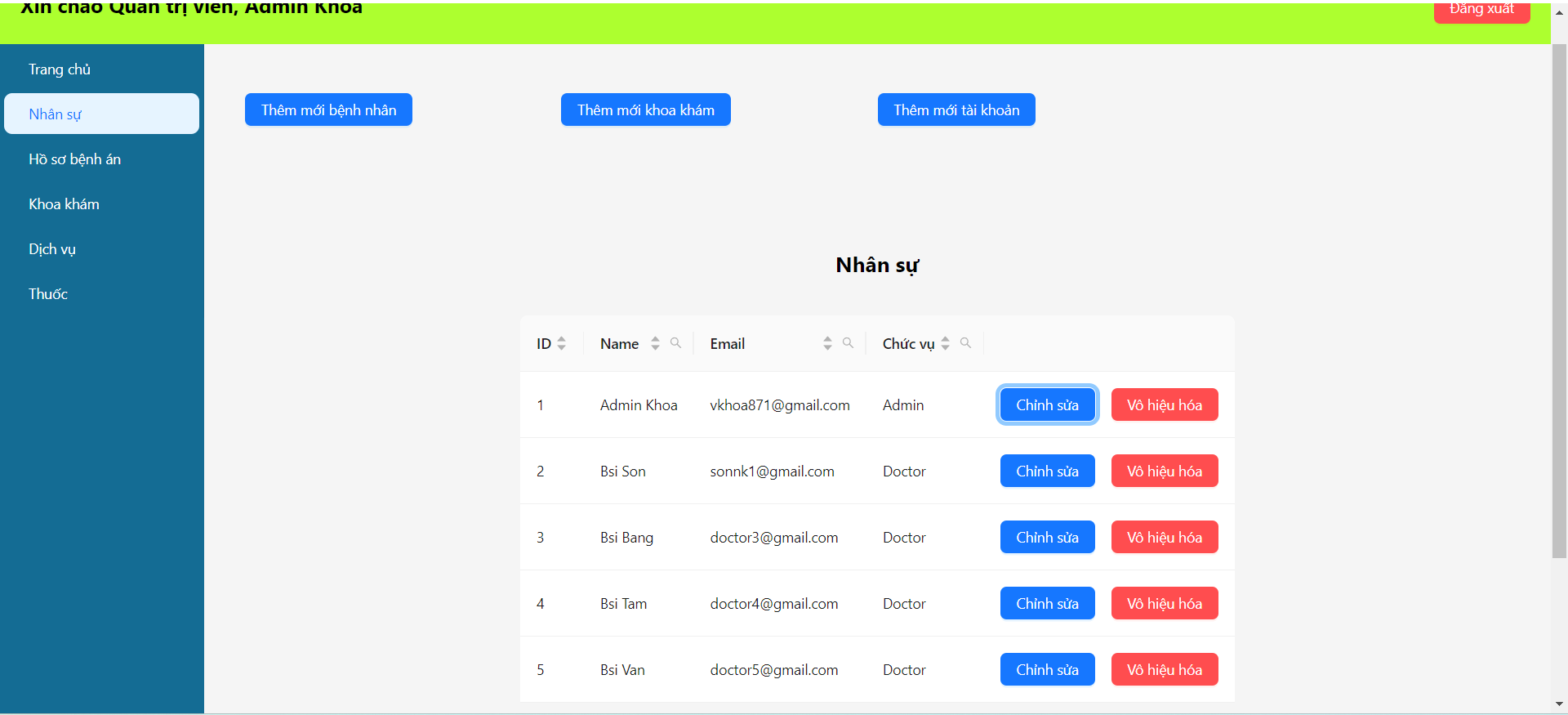
- **Step 2**: Type in the user’s email and password of the account.

- **Step 3**: Press the enter key on the keyboard or click the “Đăng nhập”button

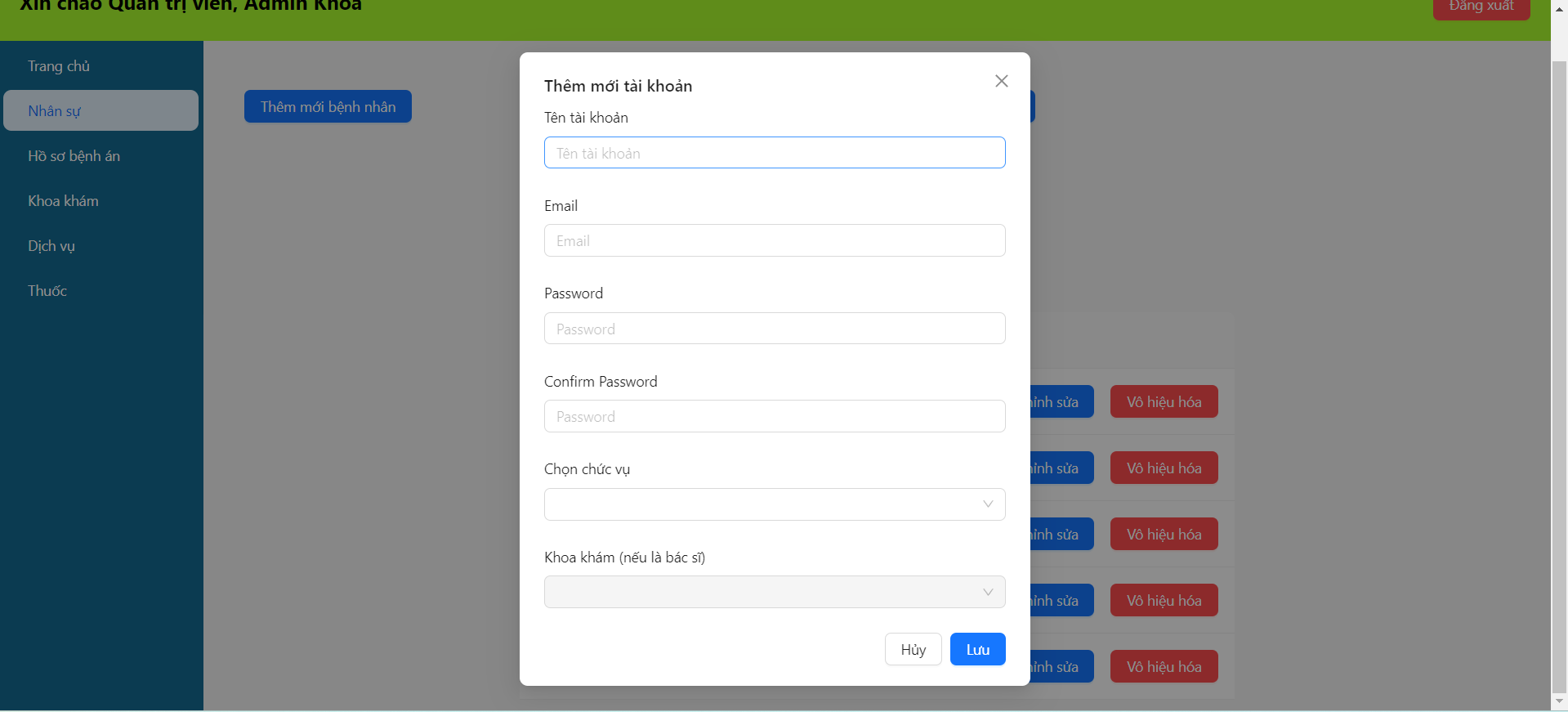
#### 3.2.2 View list and add Account information

This feature is used for both Regular Users and Admin to change profile information.

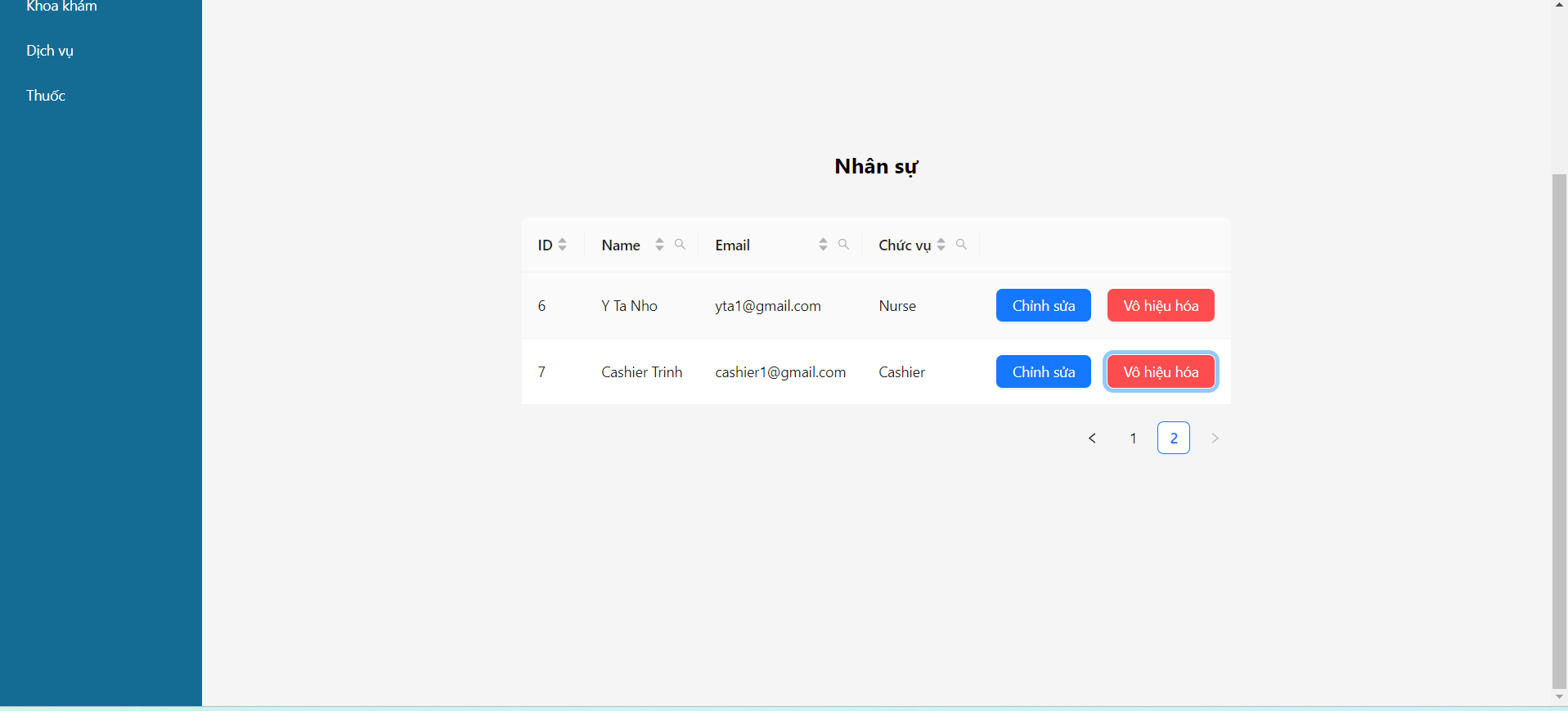
- **Step 1**: Click “Thêm mới tài khoản” from User Icon in the header

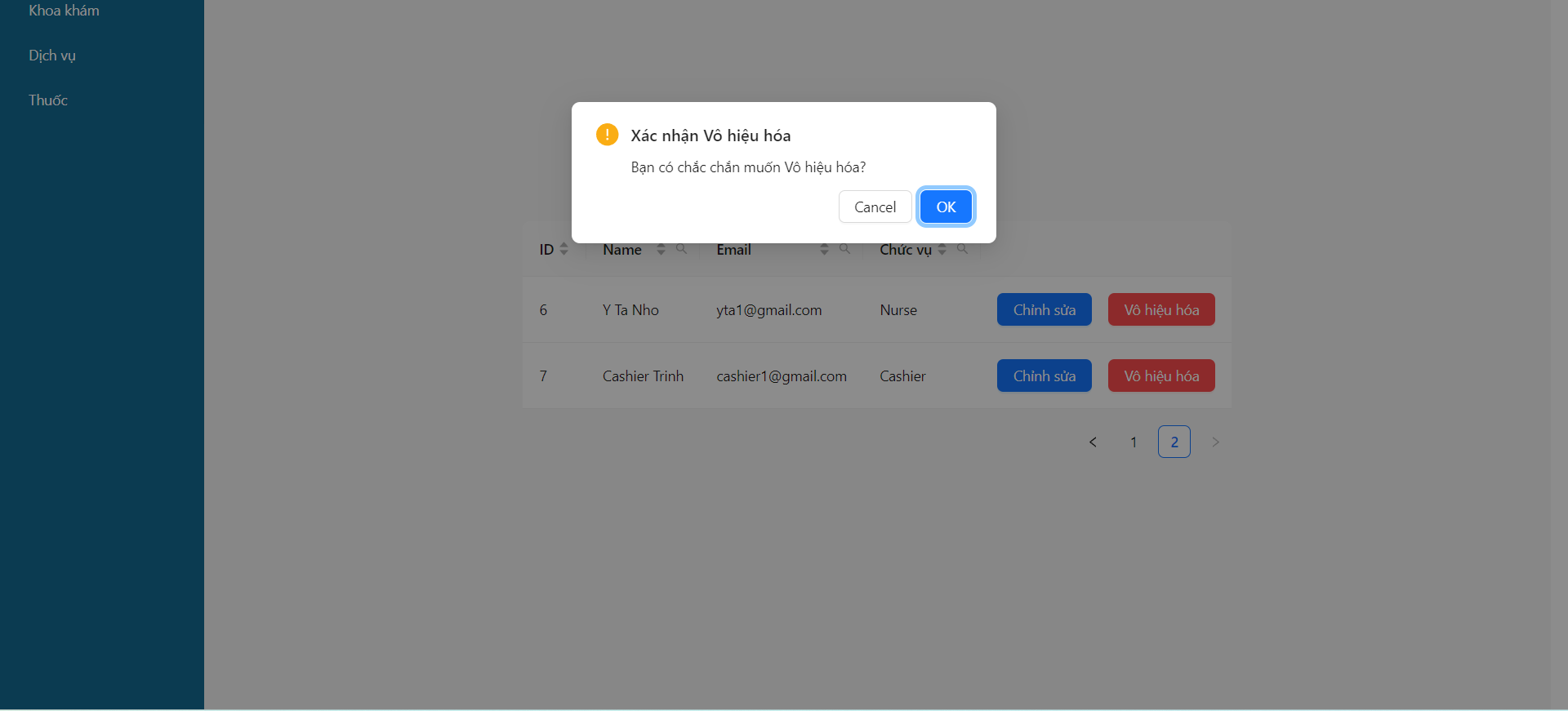


- **Step 2**: Click “Lưu” to add new account



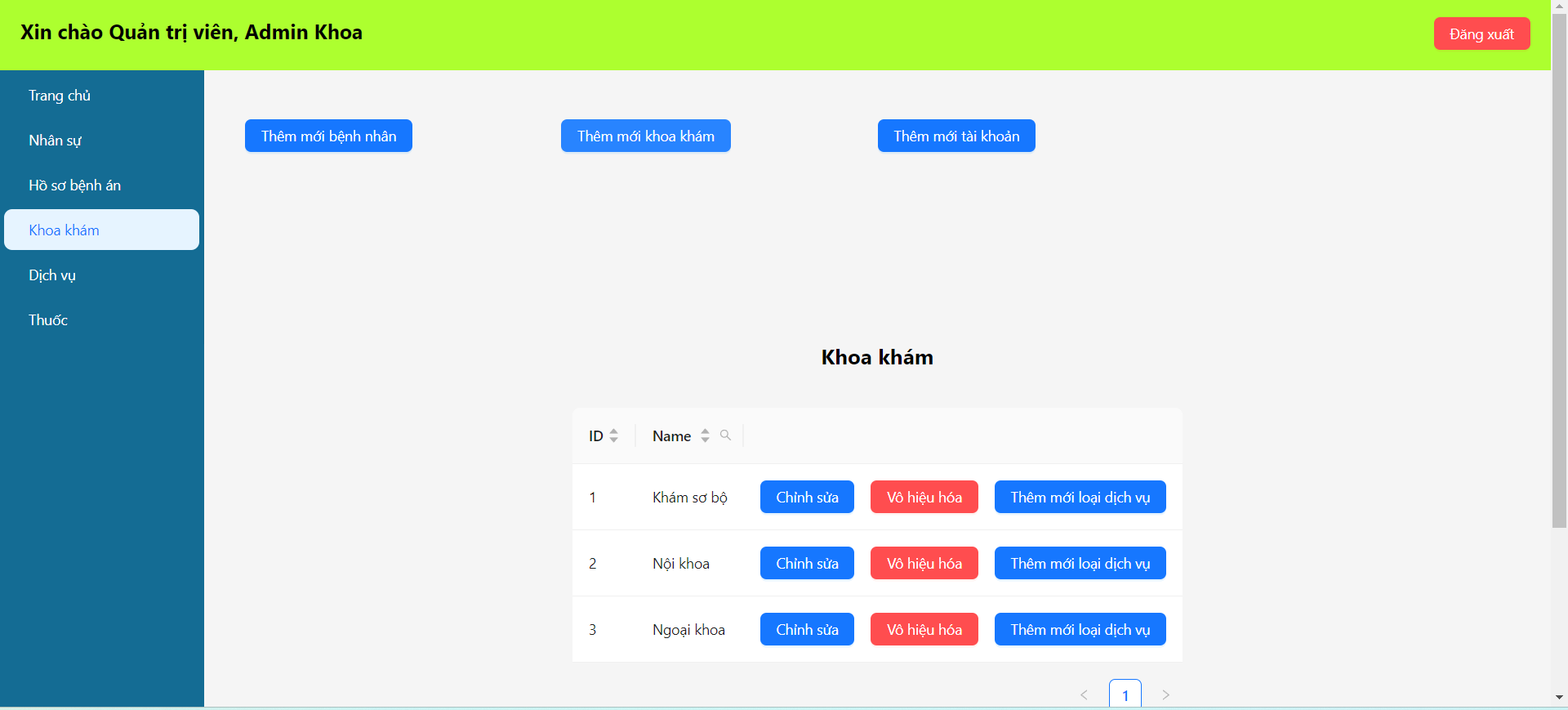
#### 3.2.3 Disable account

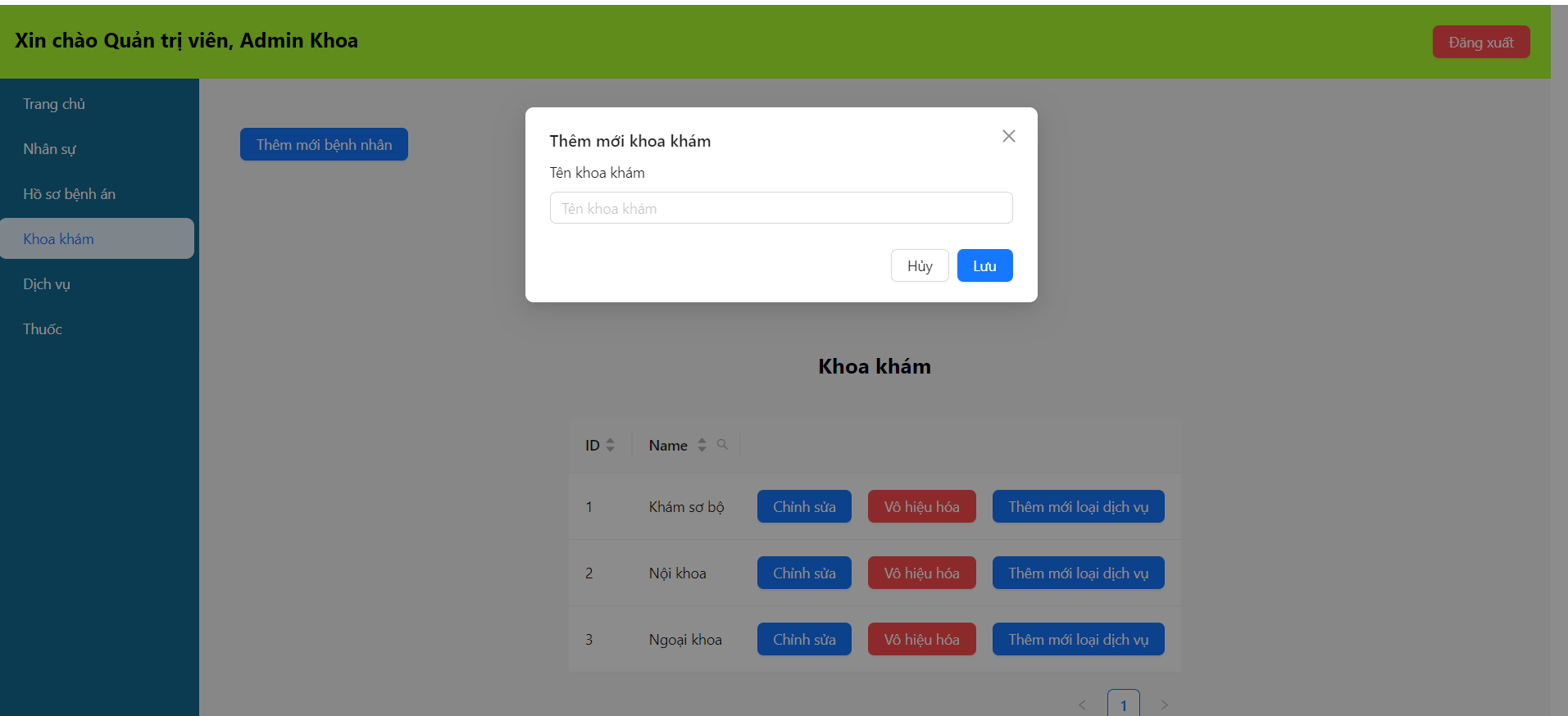
- **Step 1**: Click “vô hiệu hóa” from the scene

- **Step 2**:Click ‘OK’ to disable account.

#### 3.2.4 Add a new examination department

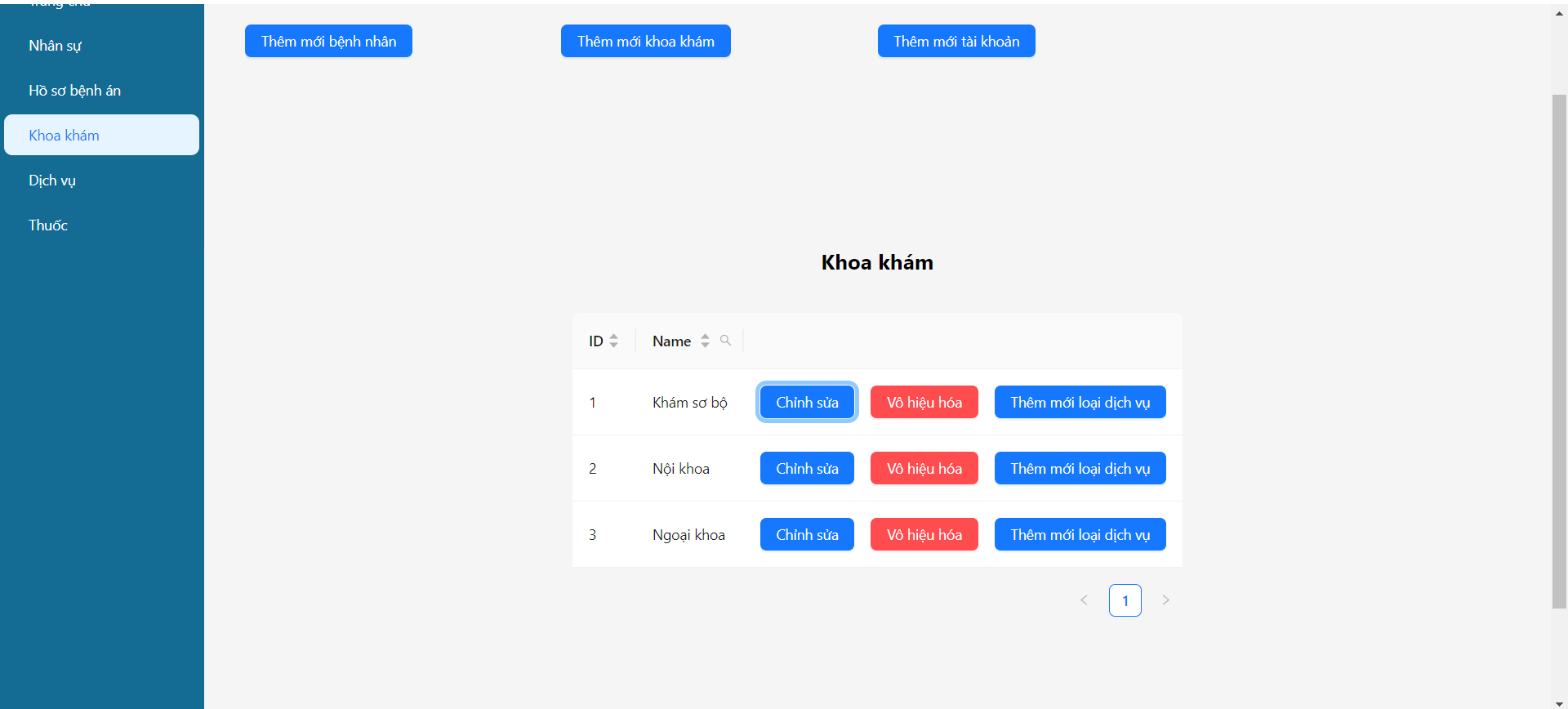
This feature is used for User to view List Request Ticket

- **Step 1**: Click “Thêm mới khoa khám” from scene

- **Step 2**:Click “Lưu” to create new 

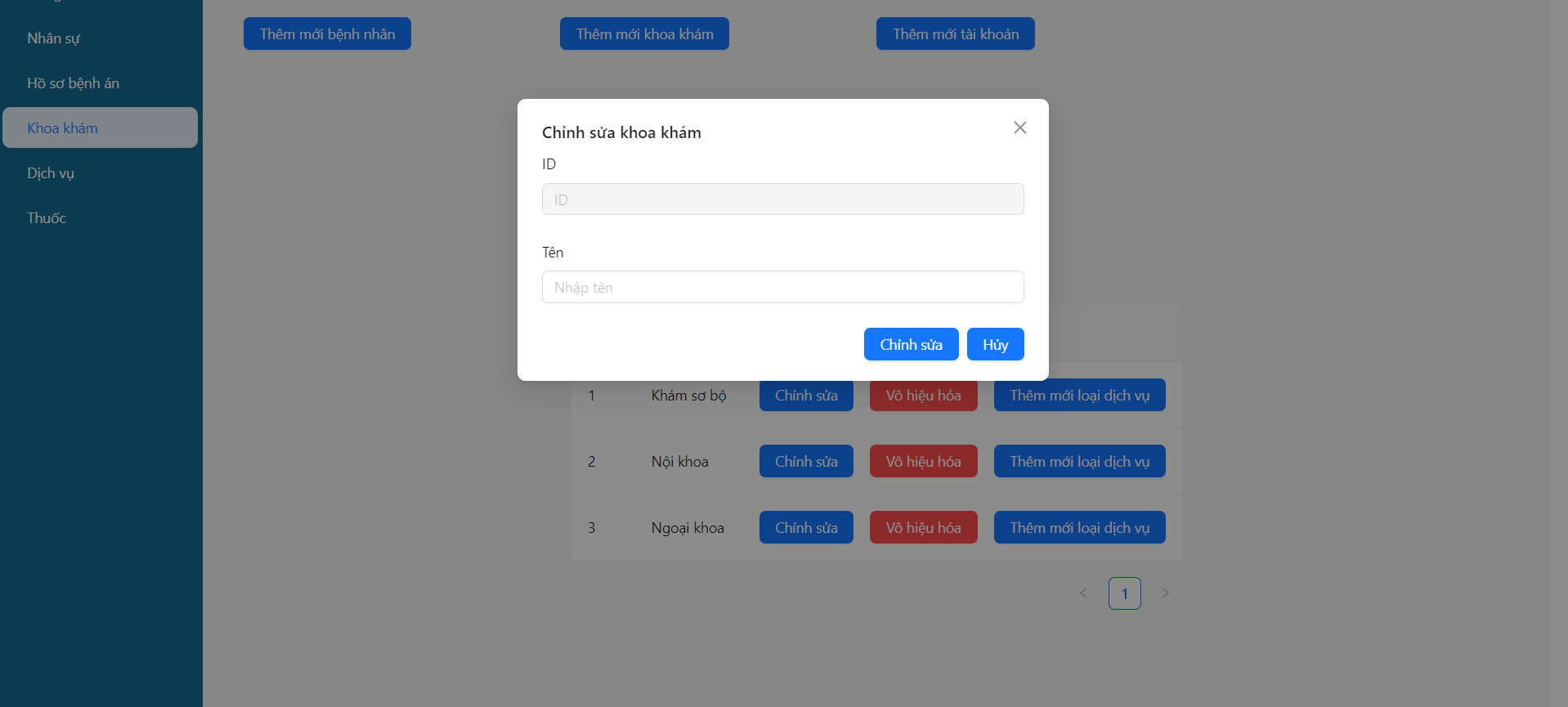
#### 3.2.5 Edit examination department

- **Step 1**: Click “Chỉnh sửa ” from scene



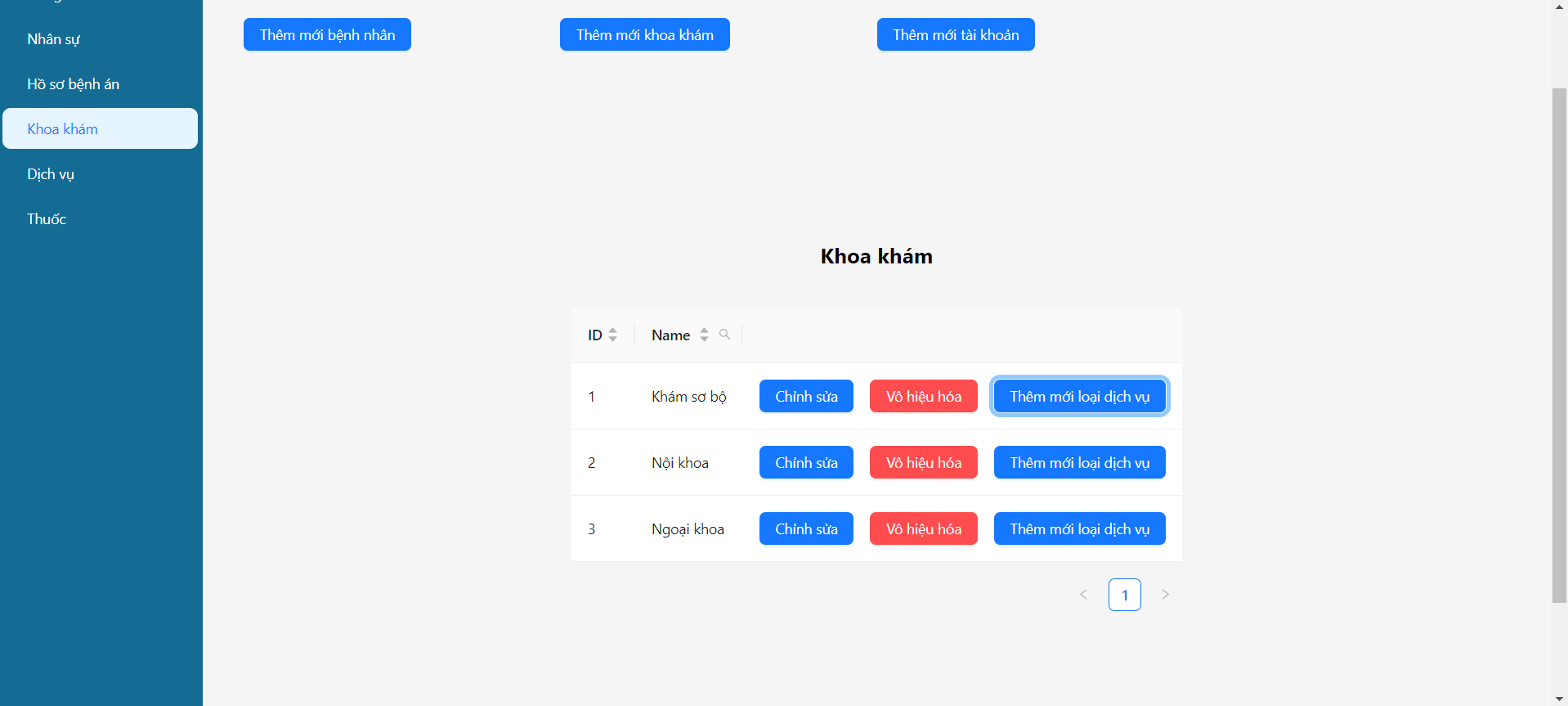
Hiển thị bảng điều khiển b

- **Step 2**: Click “Chỉnh Sửa” from scene to *edit examination department*

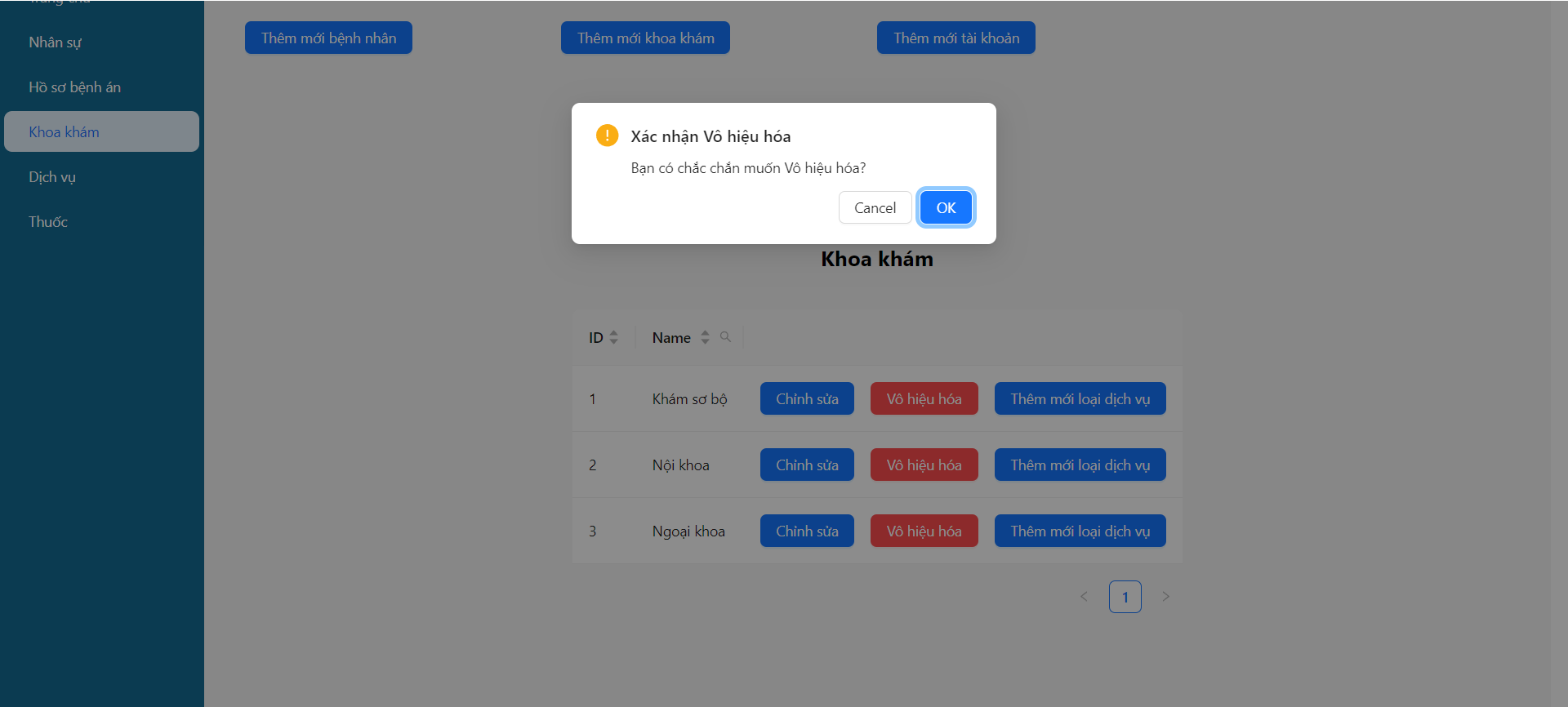


#### 3.2.6 Disable examination department

- **Step 1**: Click “Vô hiệu hóa ” from scene

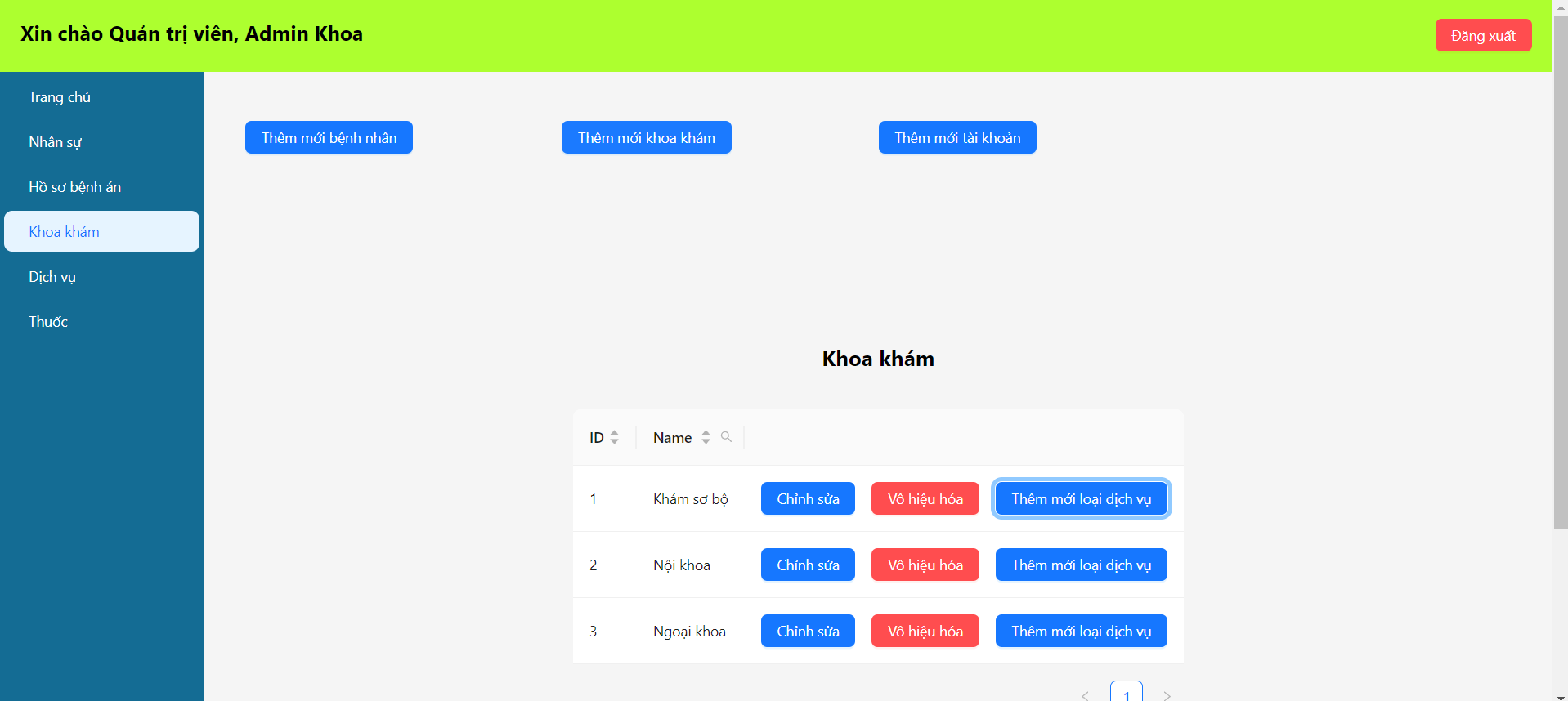


- **Step 2**: Click “OK” to d*isable examination department*

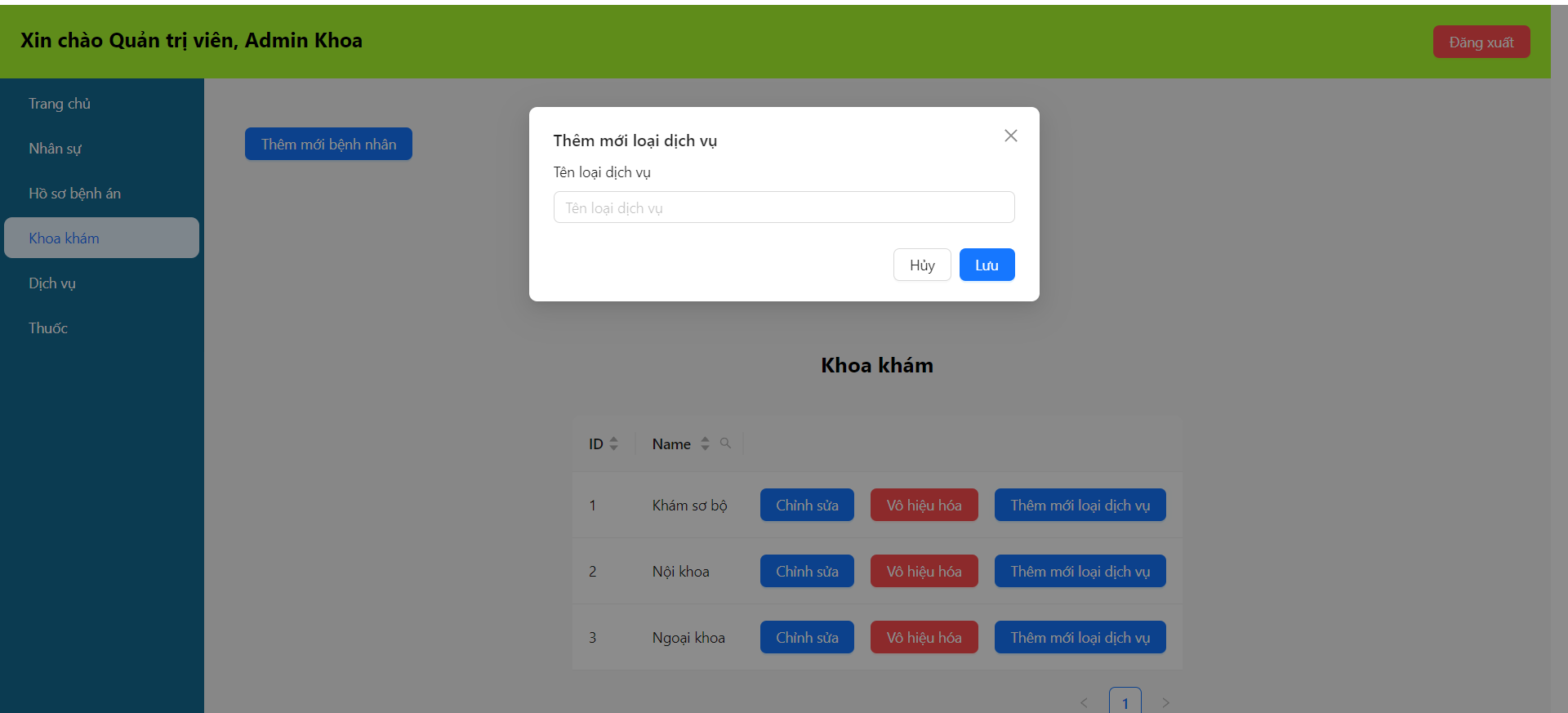


#### 3.2.7 Add service type

- **Step 1**: Click “Thêm mới loại dịch vụ ” from scene

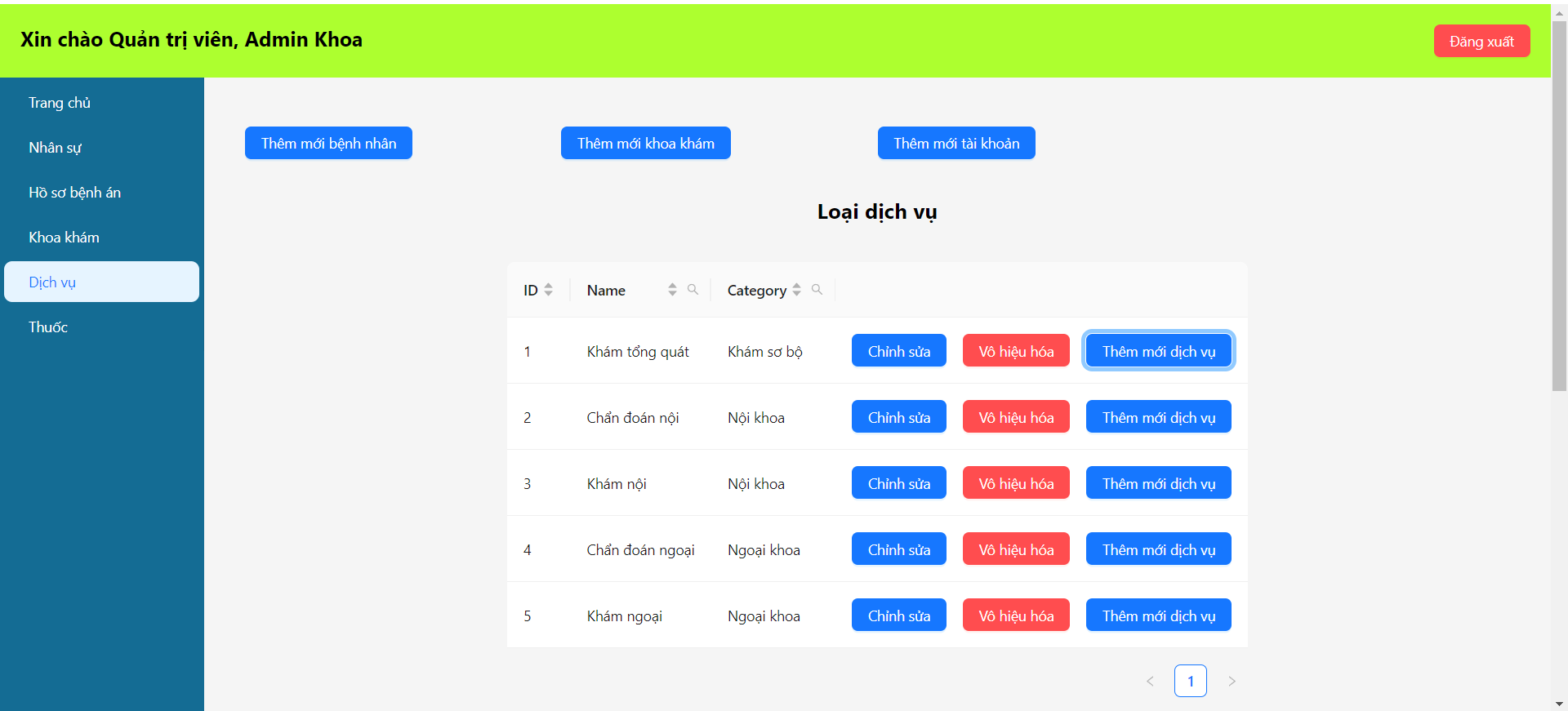


- **Step 2**: Click “Lưu” to *add service type*

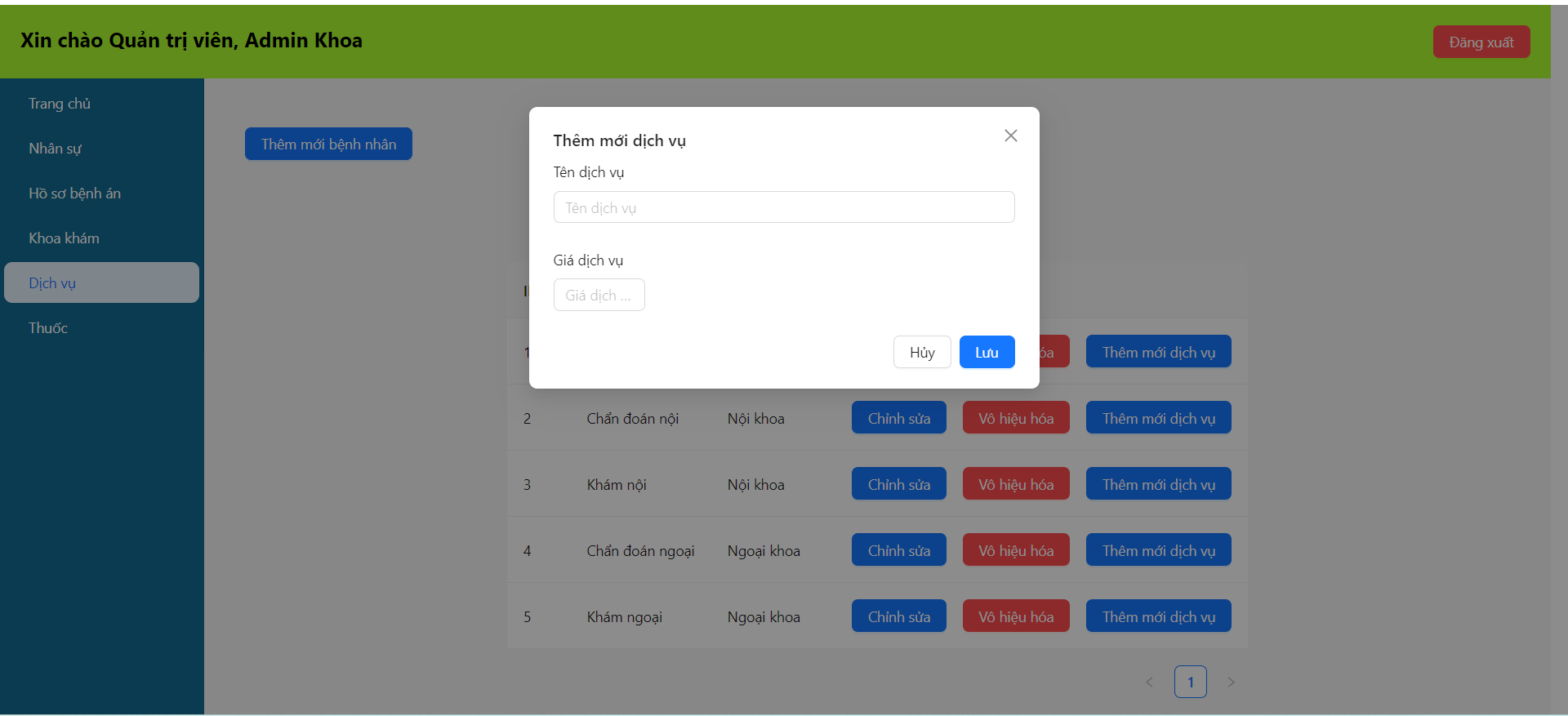


#### 3.2.8 Add service

- **Step 1**: Click “Thêm mới dịch vụ ” from scene

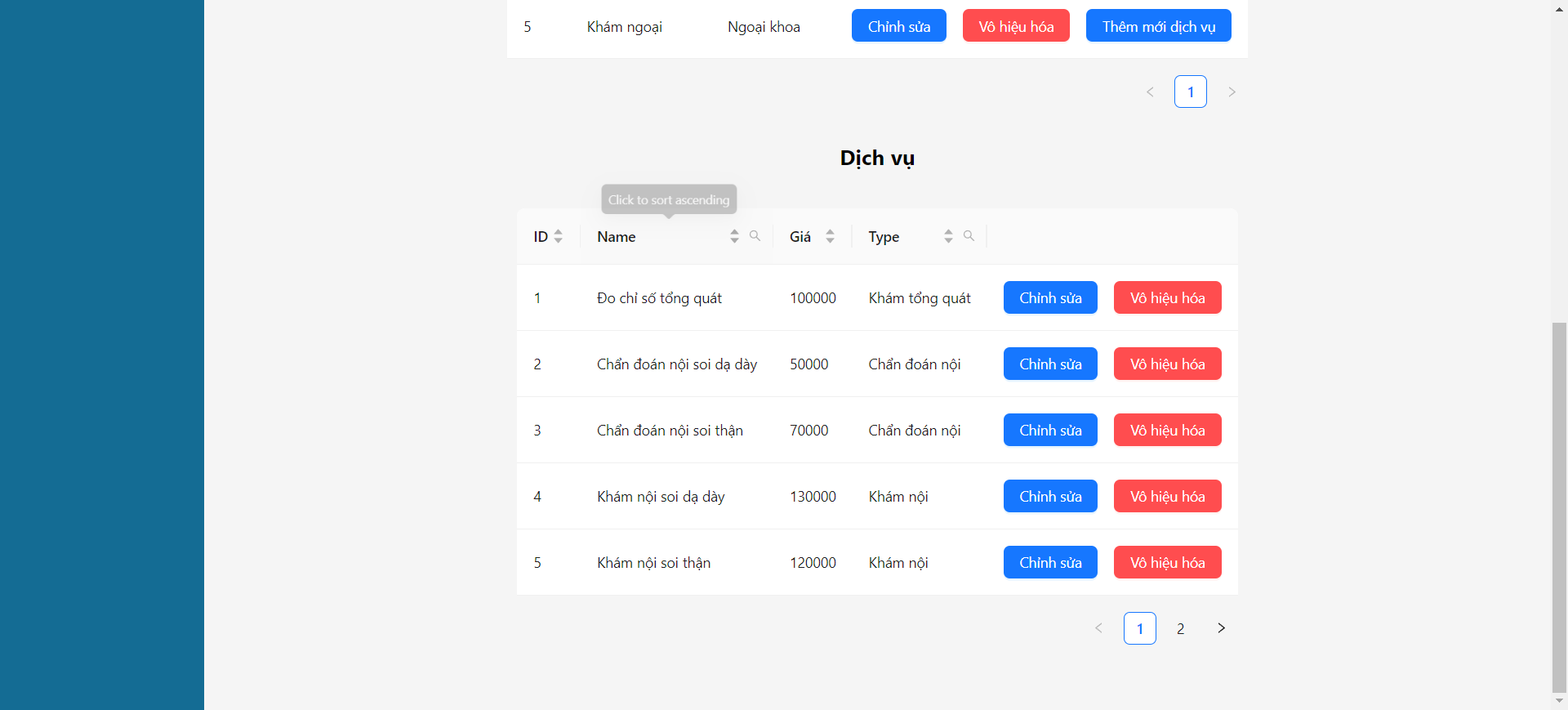


- **Step 2**: Click “Lưu” from scene

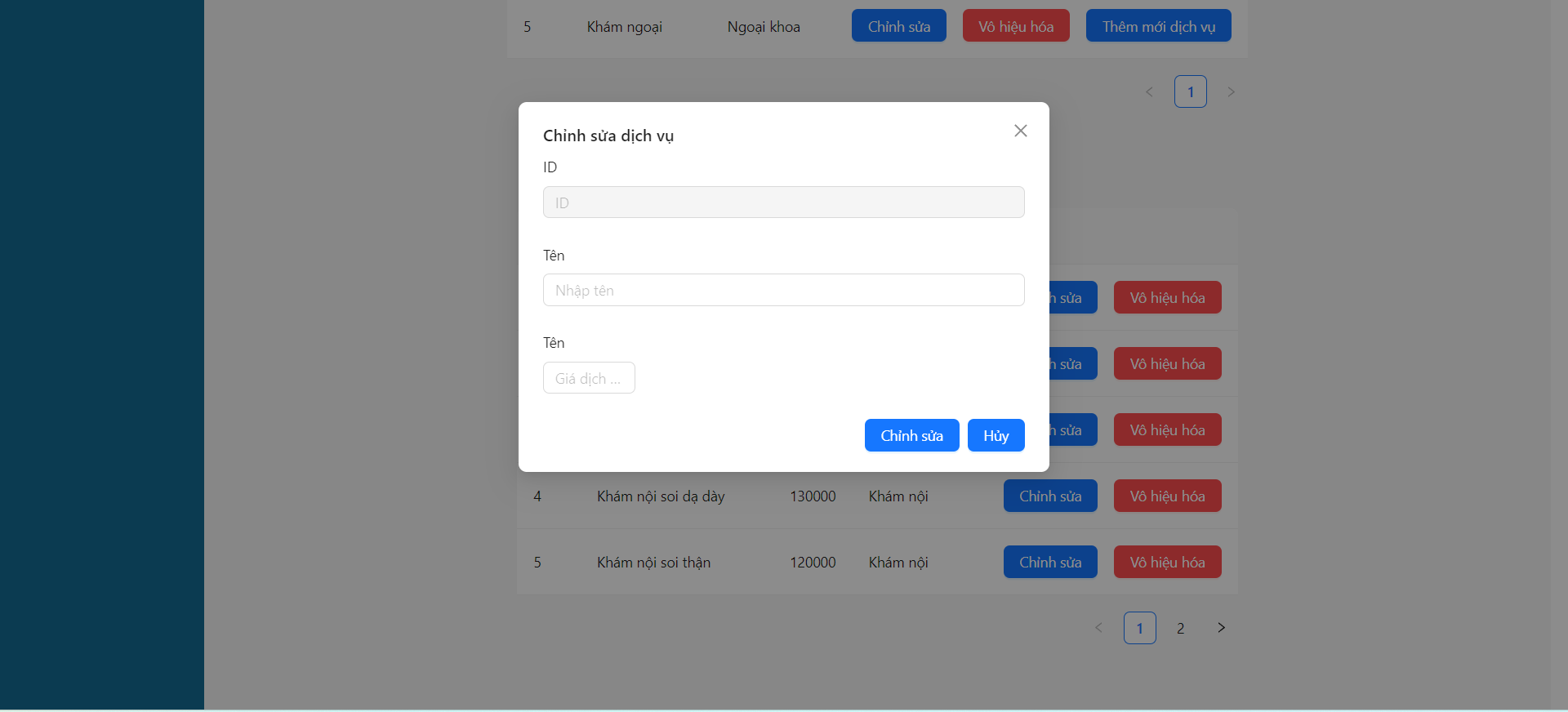


#### 3.2.9 Edit service

- **Step 1**: Click “Chỉnh sửa ” from scene

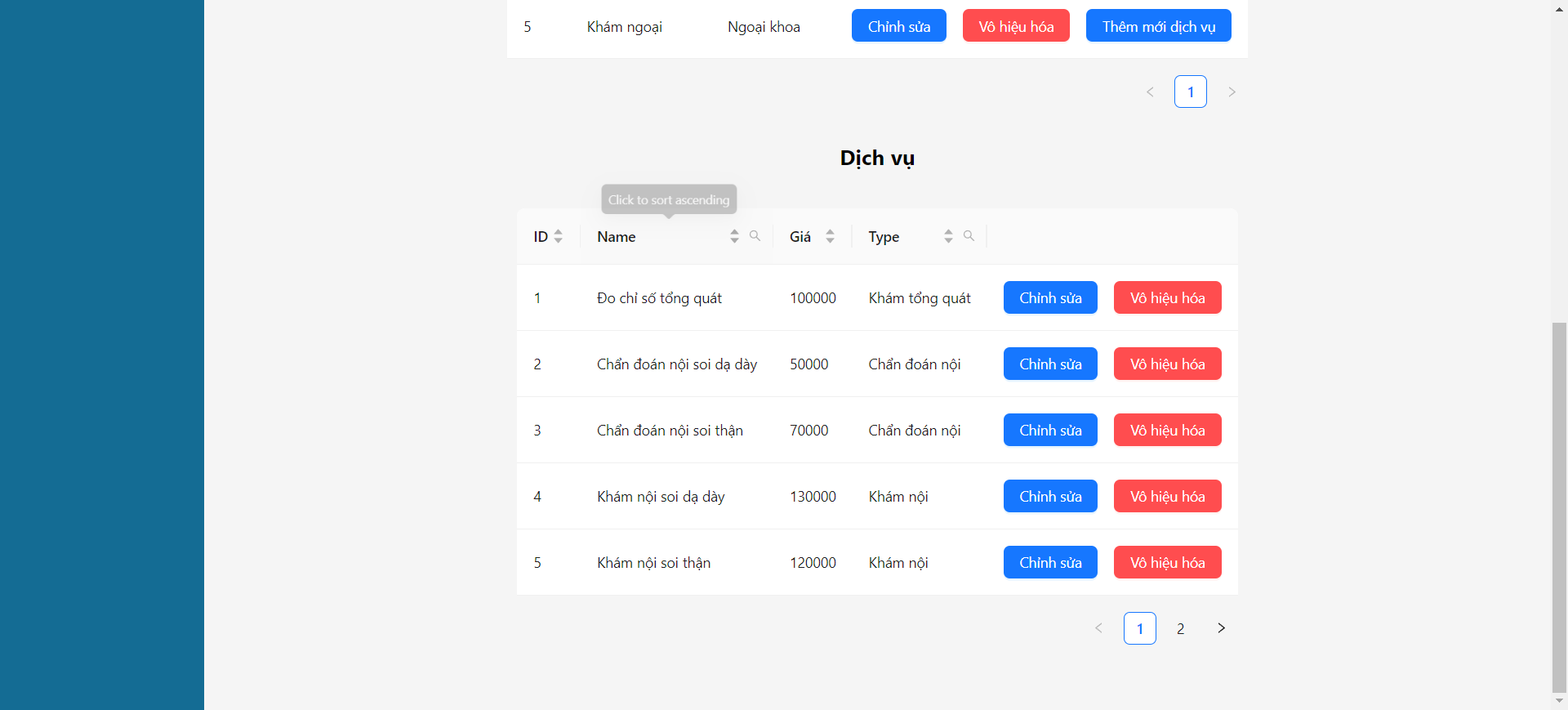


- **Step 2**: Click “Chỉnh sửa ” from scene

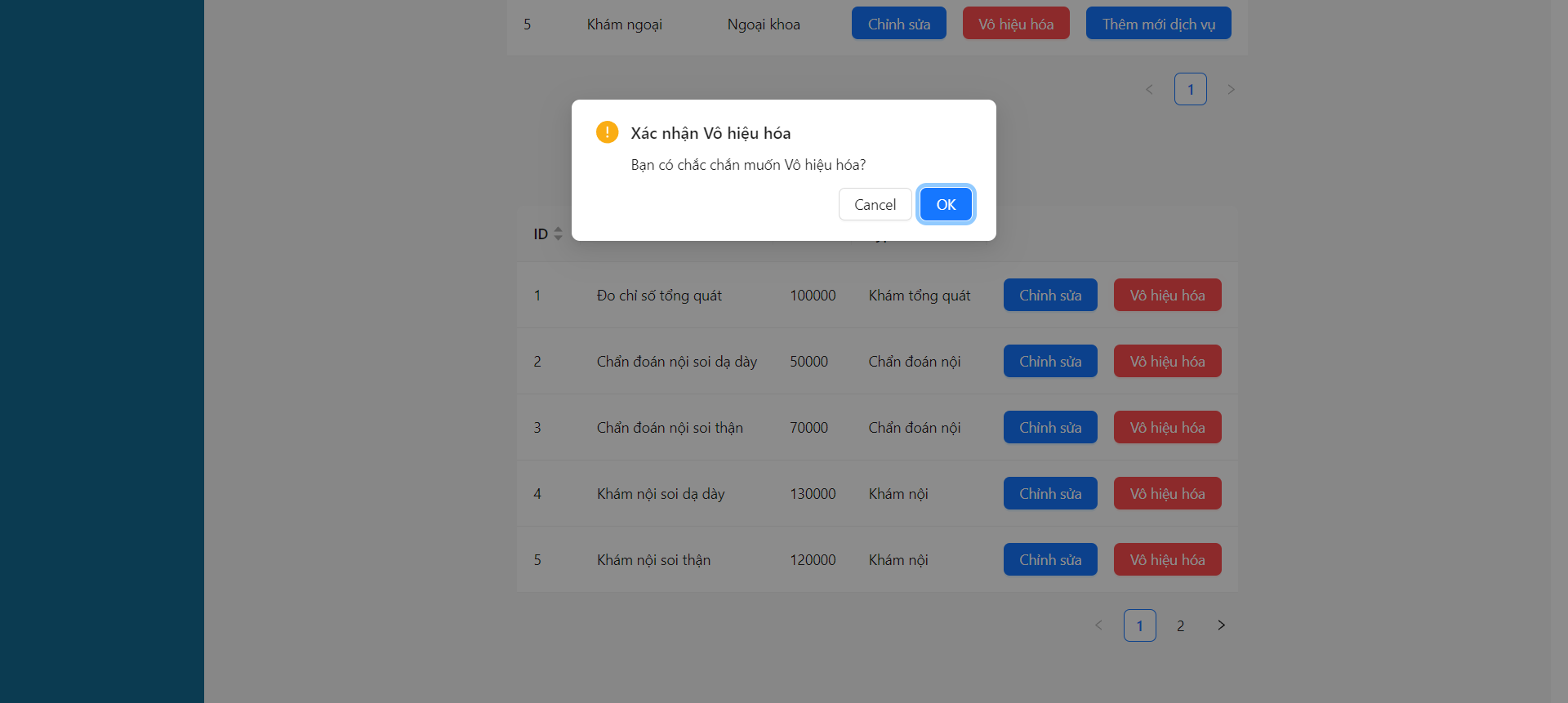


#### 3.2.10 Disable service

- **Step 1**: Click “Vô hiệu hóa ” from scene

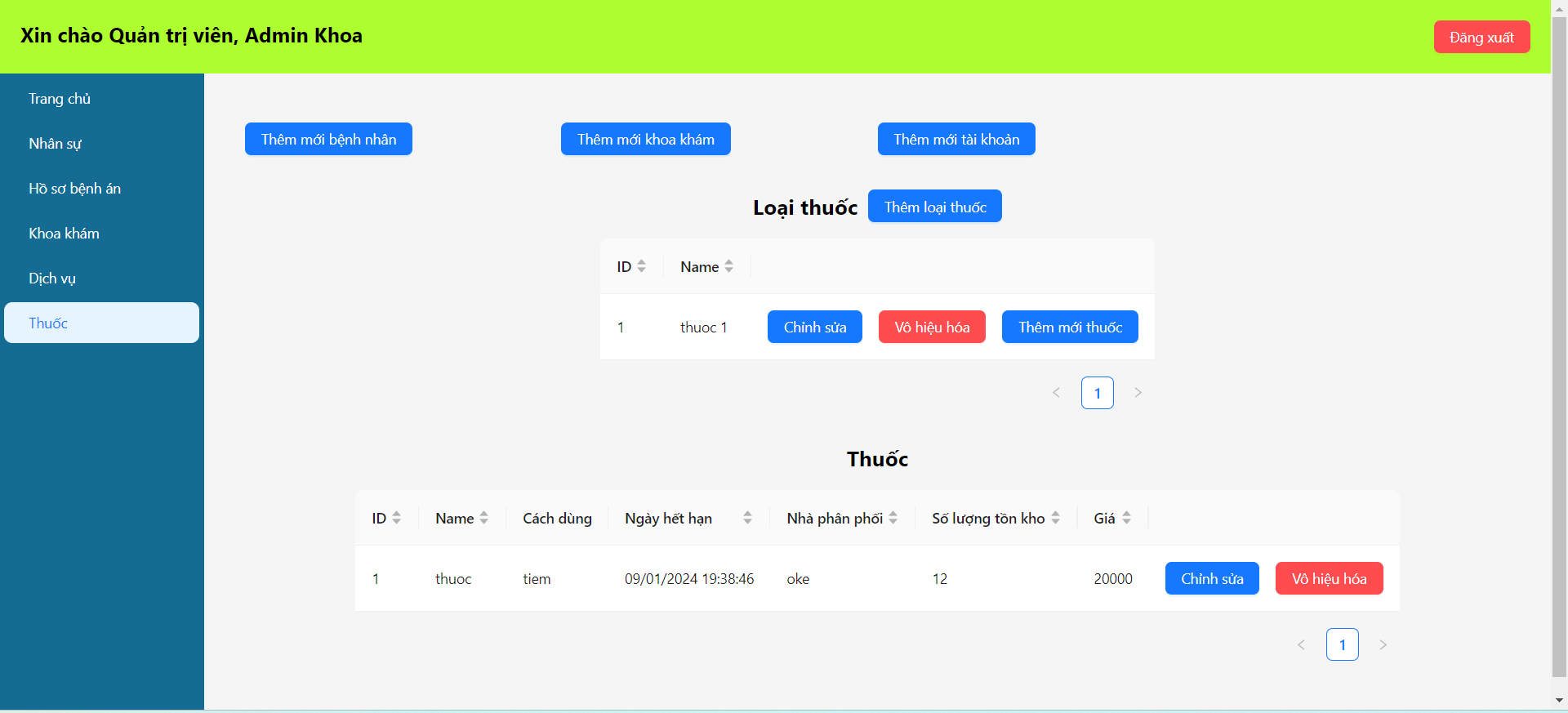


- **Step 2**: Click “OK ” from scene

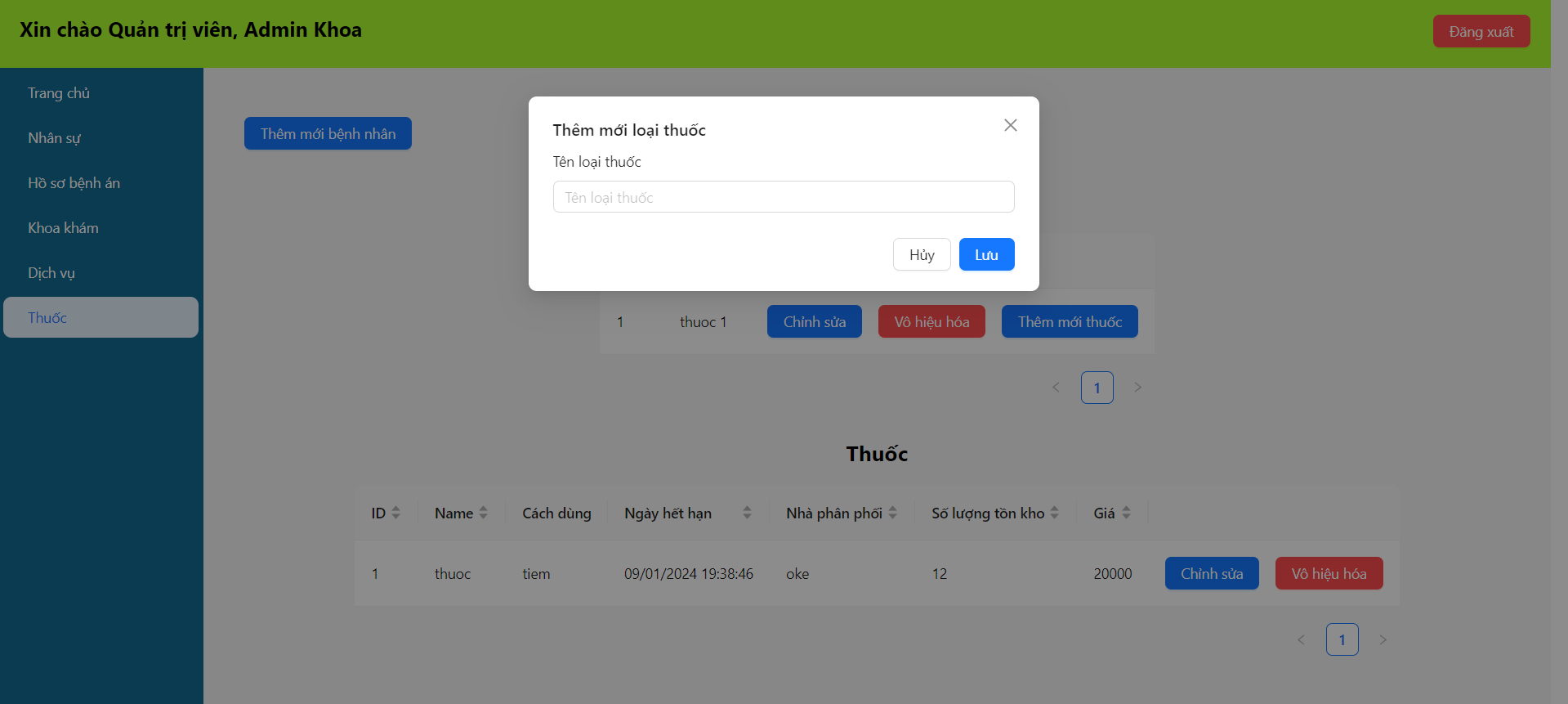


#### 3.2.11 Add medication type

- **Step 1**: Click “Thêm loại thuốc ” from scene

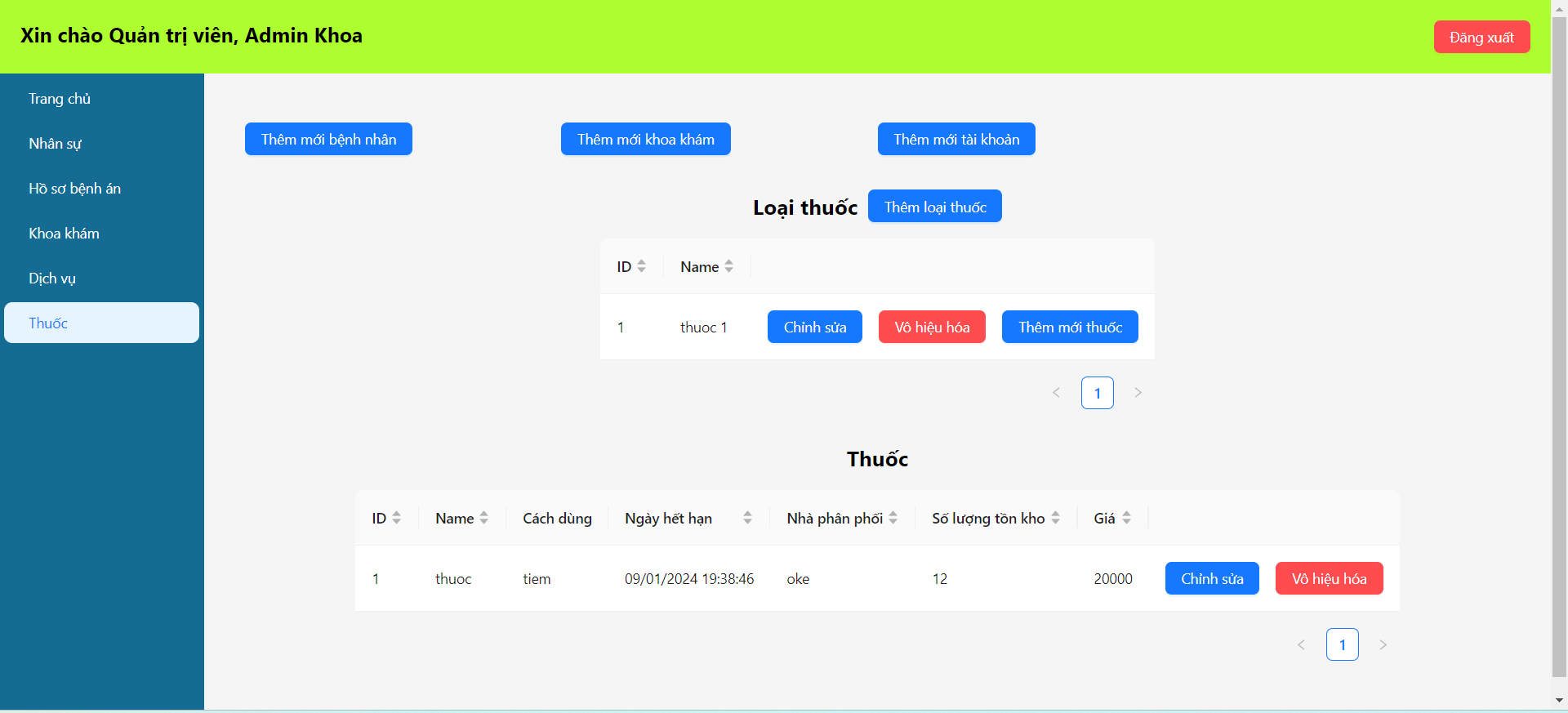


- **Step 2**: Click “Lưu ” from scene

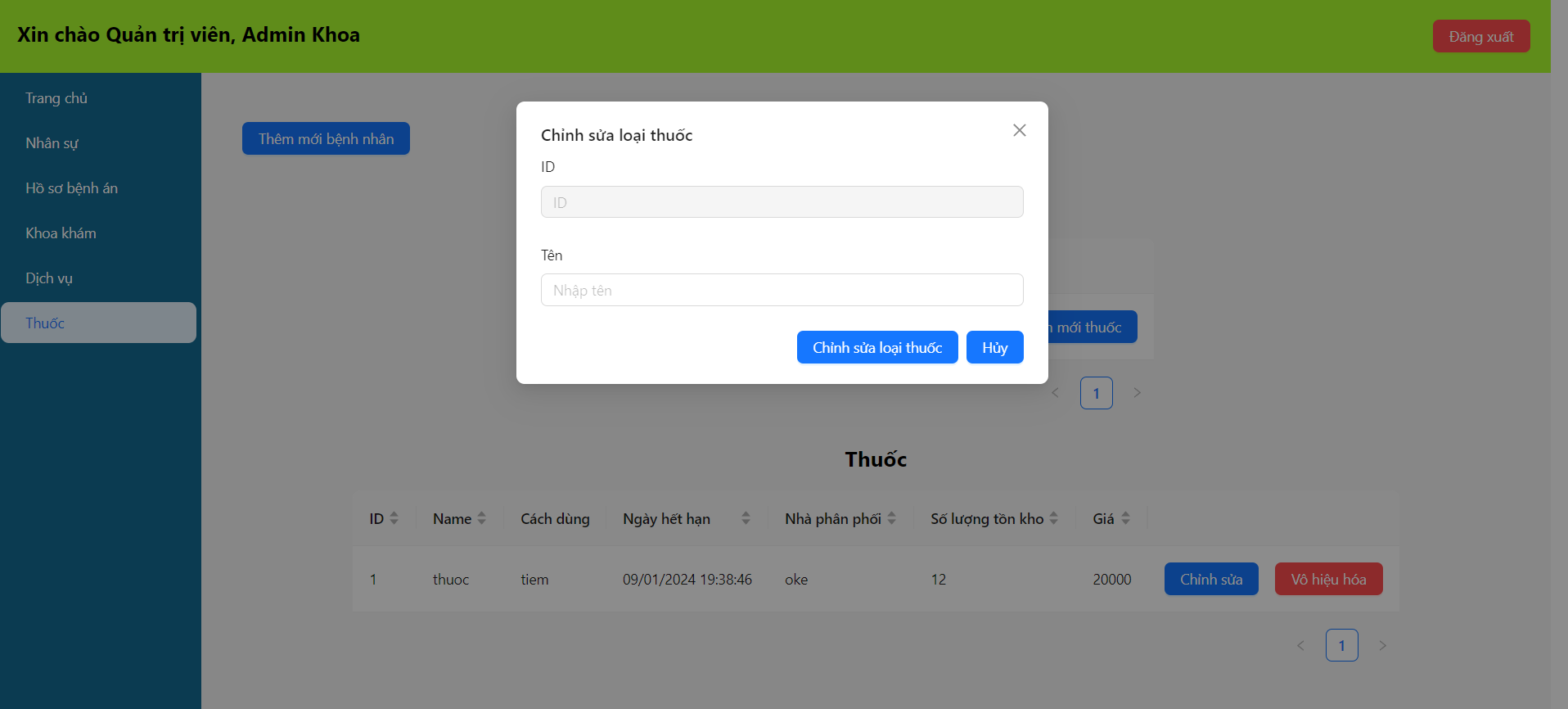


#### 3.2.12 Edit medication type

- **Step 1**: Click “Chỉnh sửa ” from scene

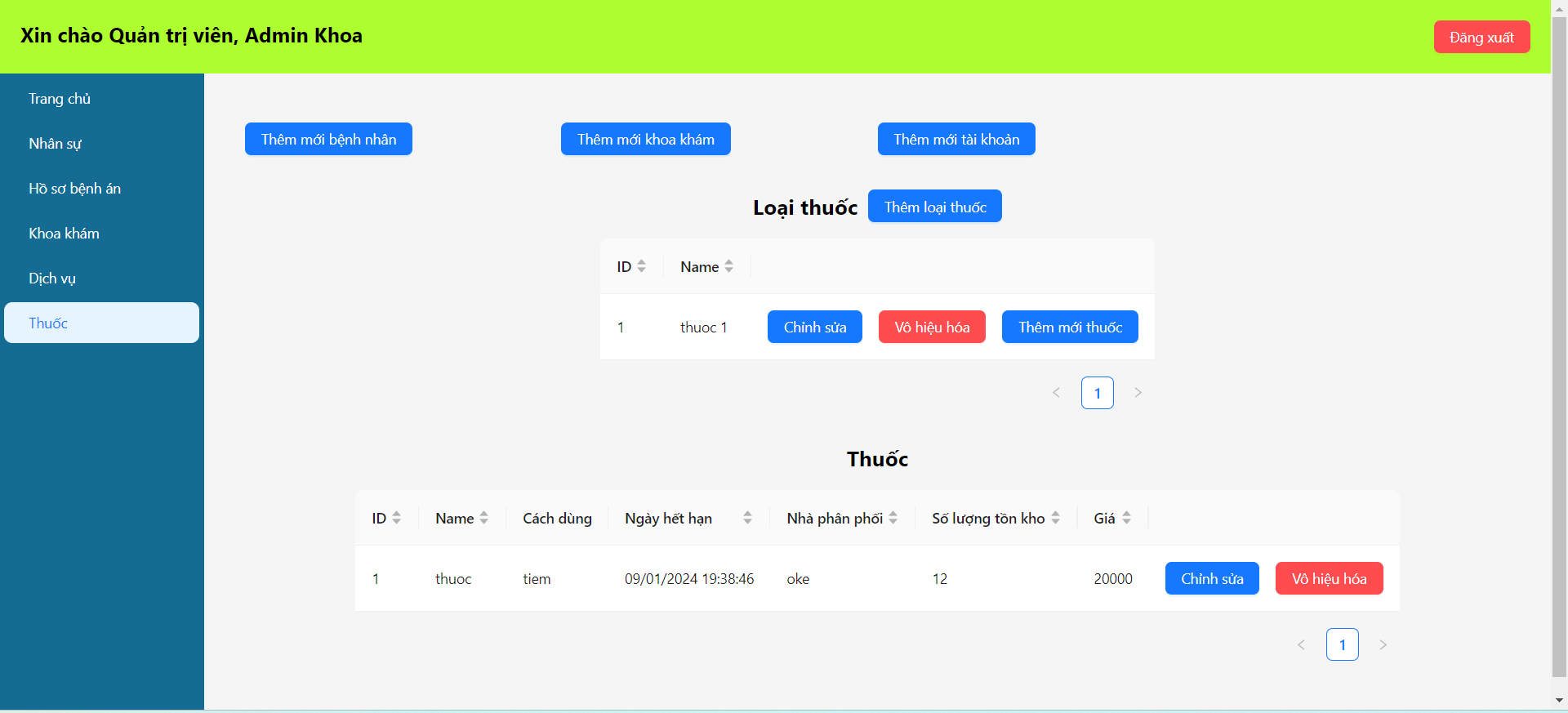


- **Step 2**: Click “Chỉnh sửa loại thuốc” from scene

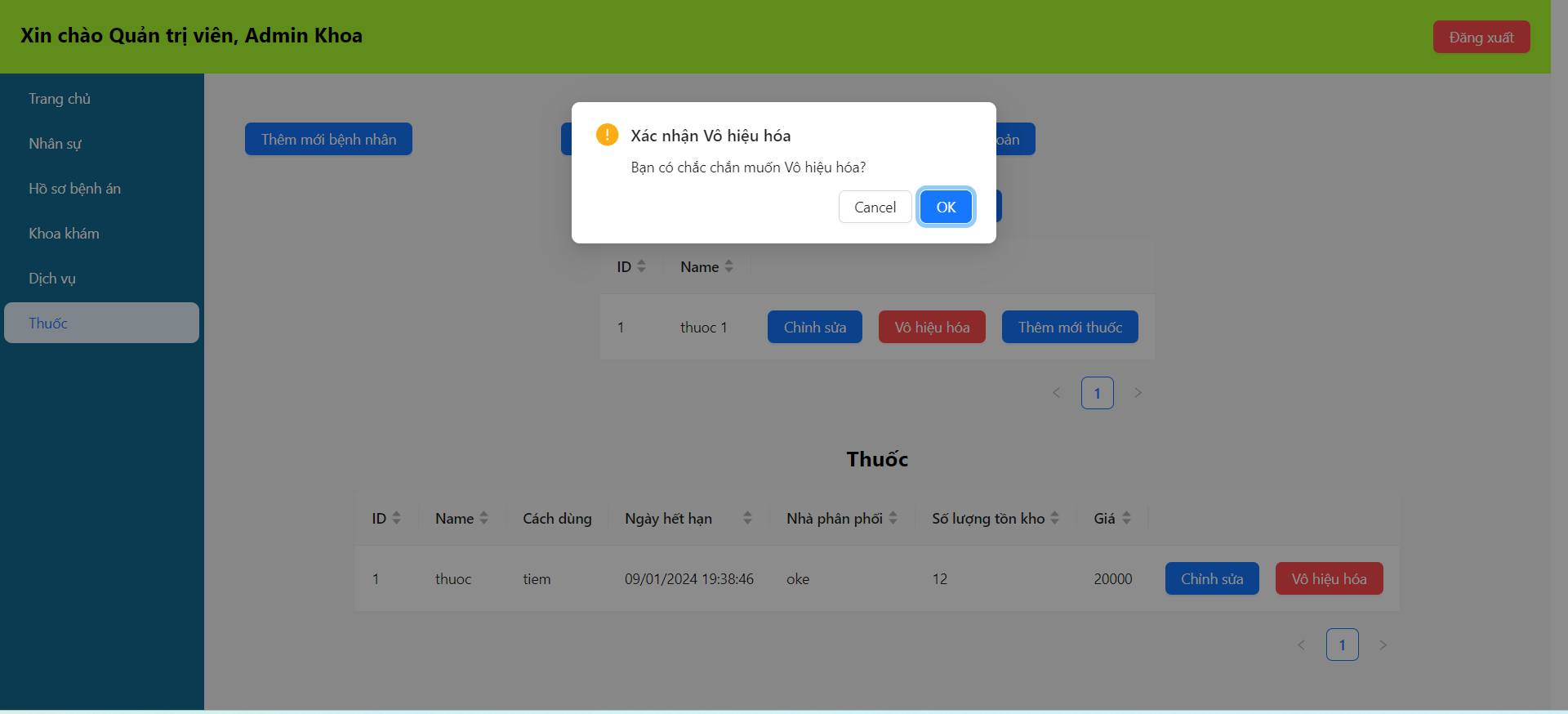


#### 3.2.13 Disable medication type

- **Step 1**: Click “Vô hiệu hóa” from scene

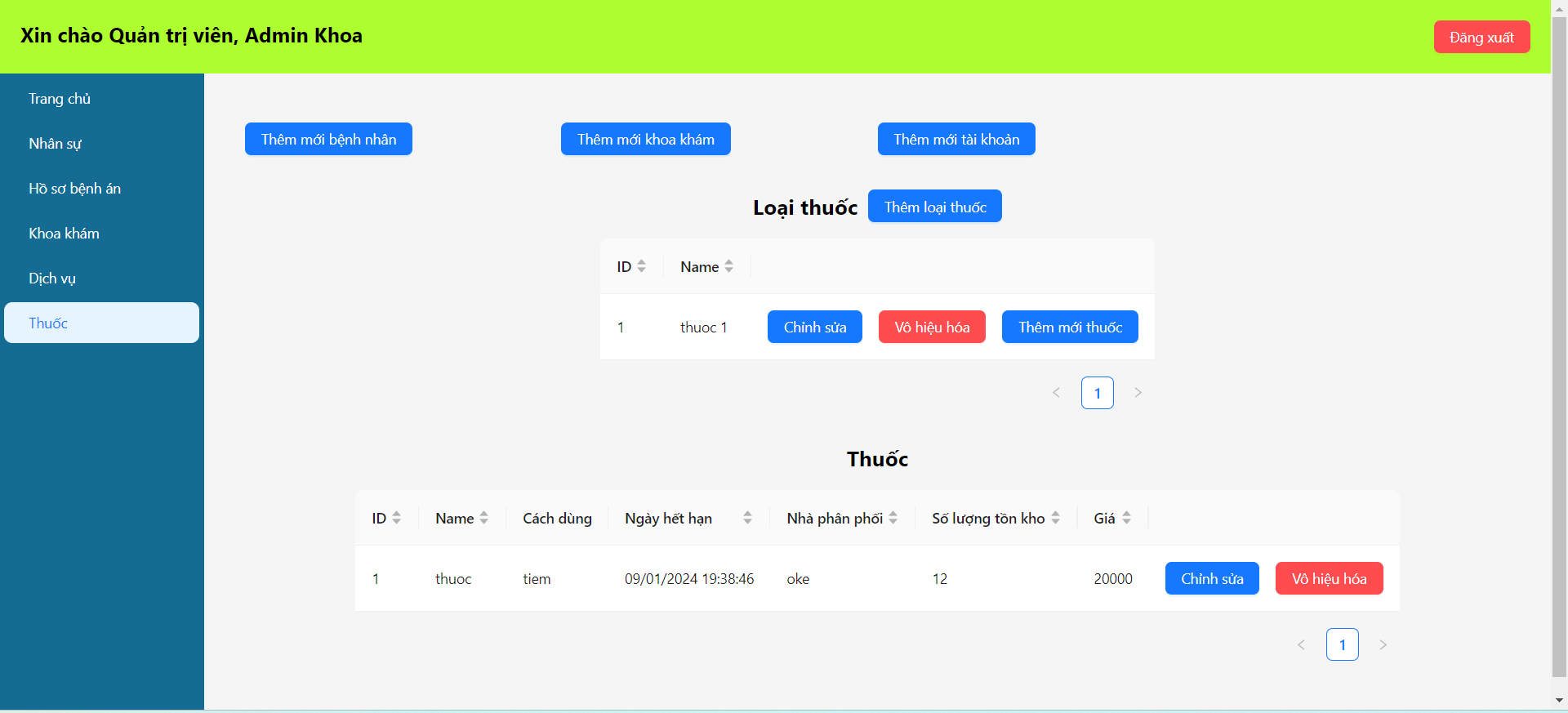


- **Step 2**: Click “OK” from scene

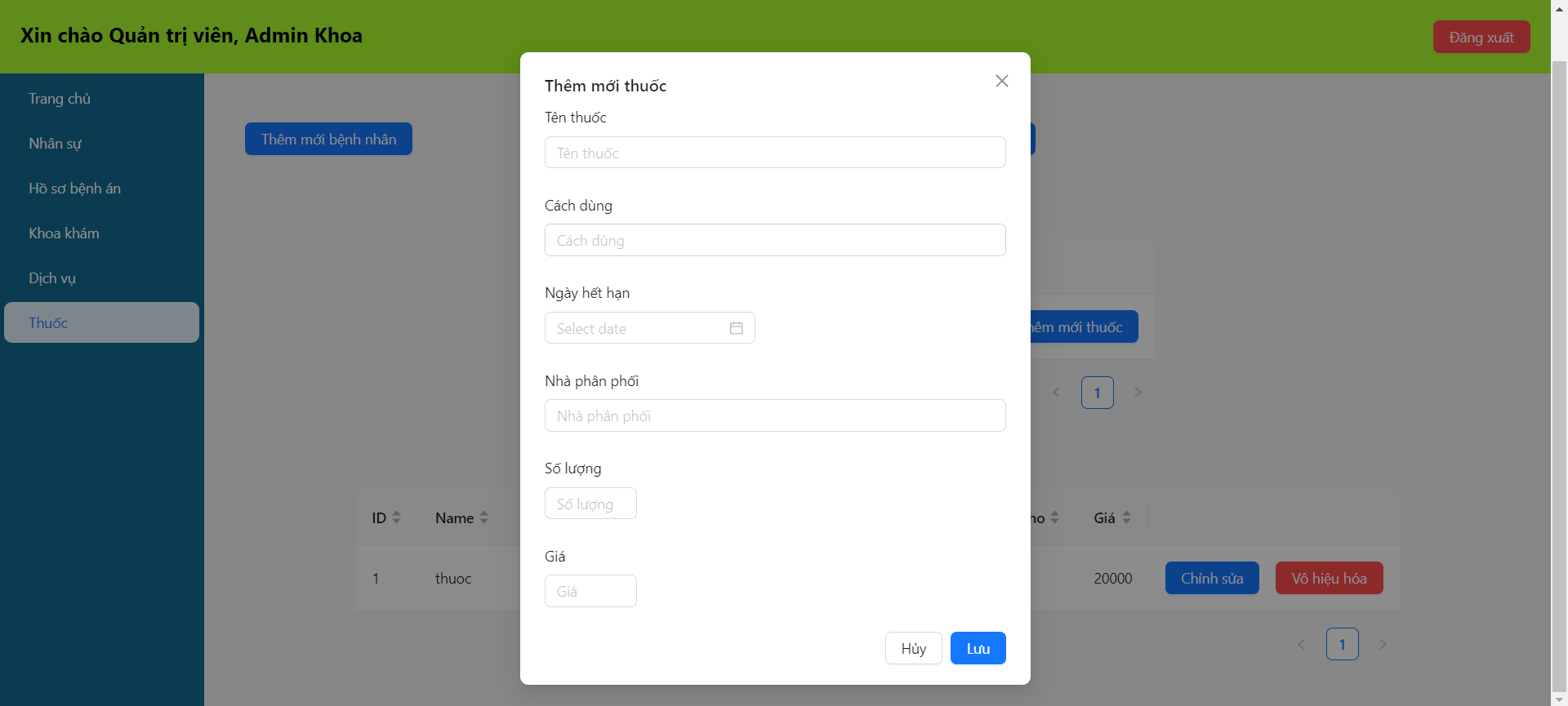


#### 3.2.14 Add medication

- **Step 1**: Click “Thêm thuốc ” from scene

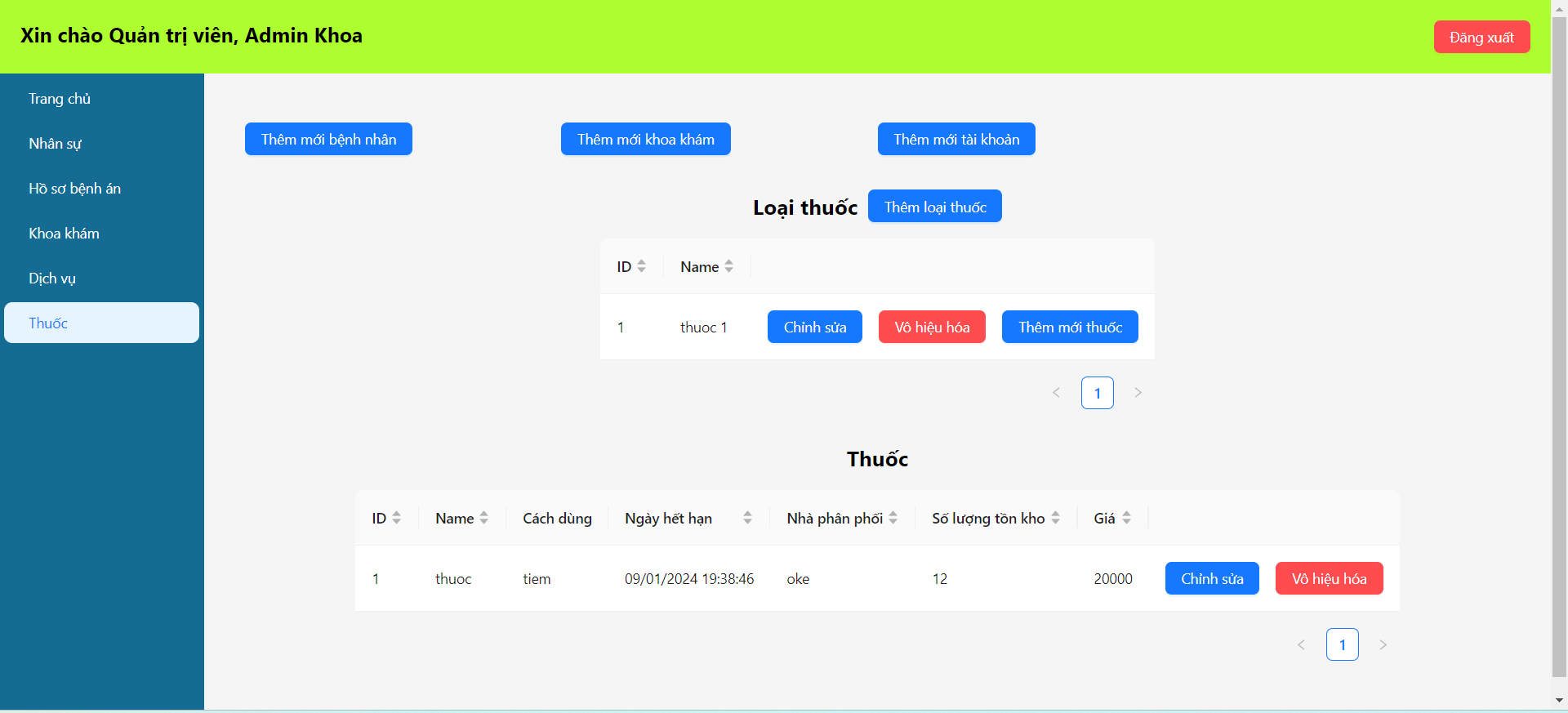


- **Step 2**: Click “Lưu” from scene

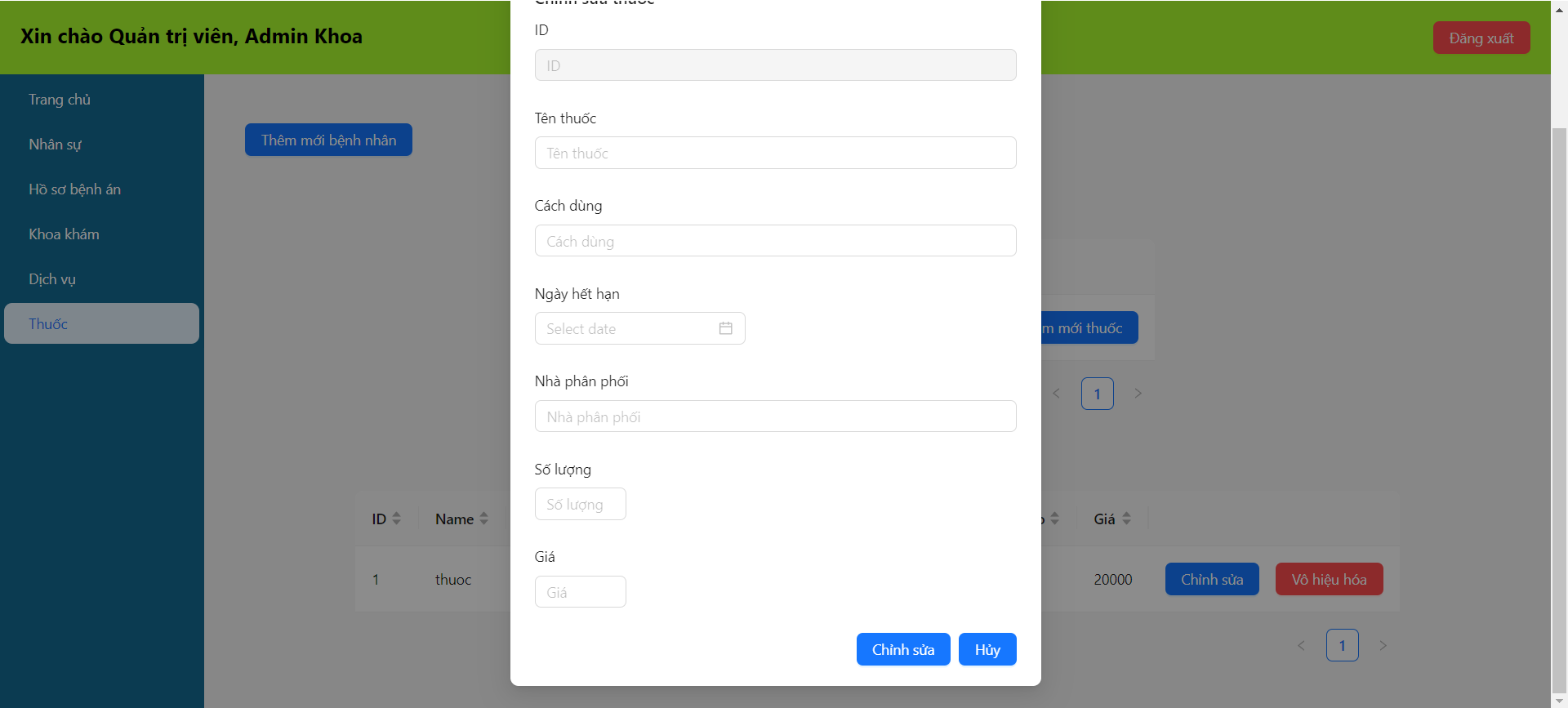


#### 3.2.15 Edit medication

- **Step 1**: Click “Chỉnh sửa ” from scene

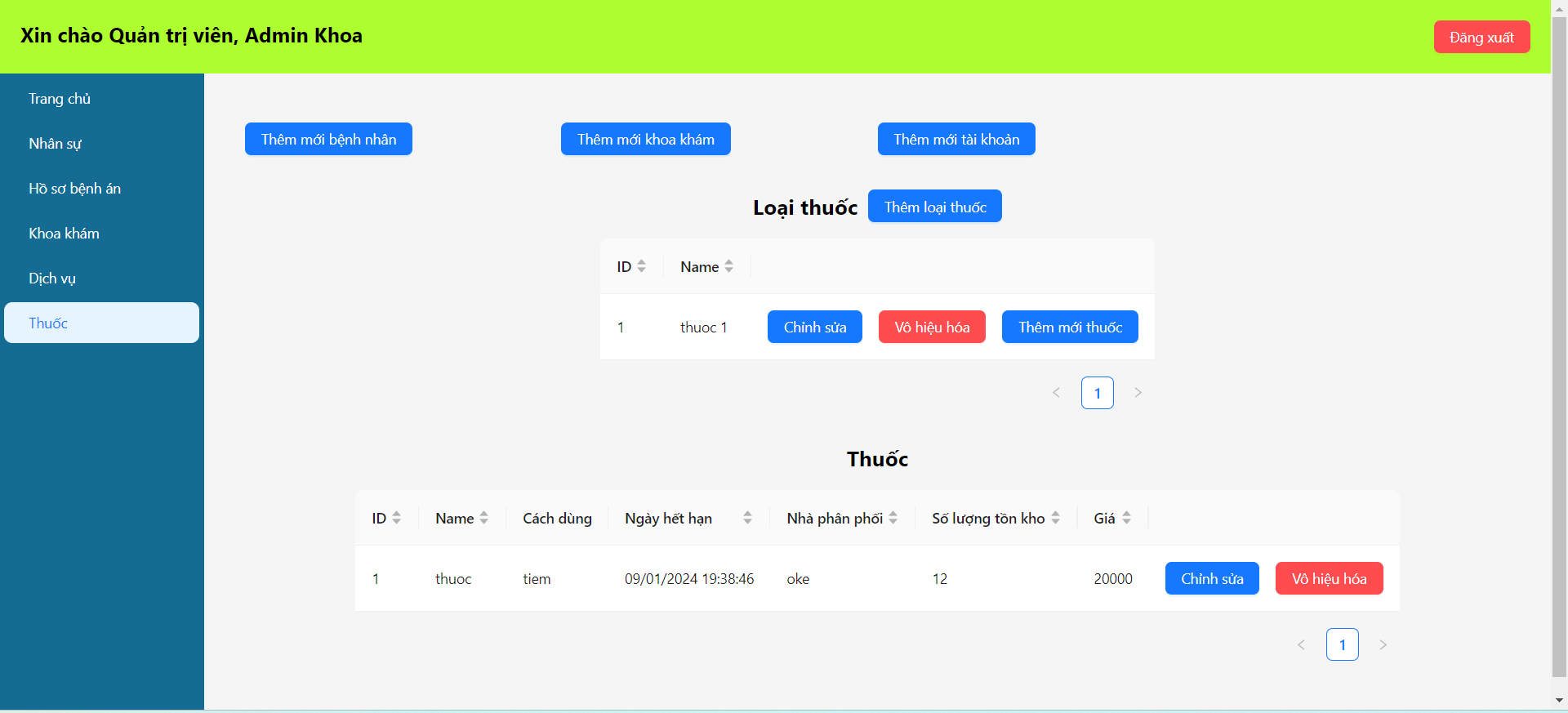


- **Step 2**: Click “Chỉnh sửa” from scene

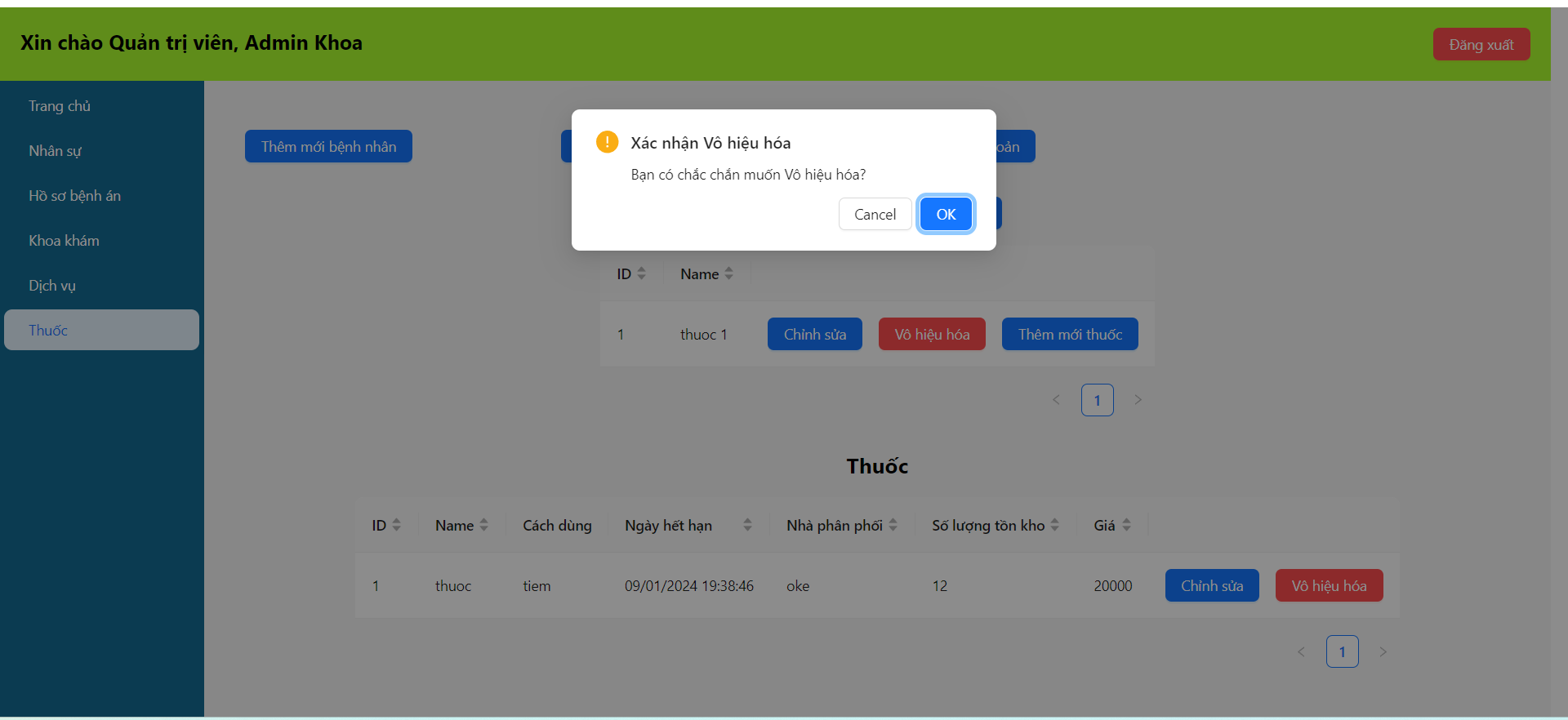


#### 3.2.15 Disable medication

- **Step 1**: Click “Vô hiệu hóa ” from scene

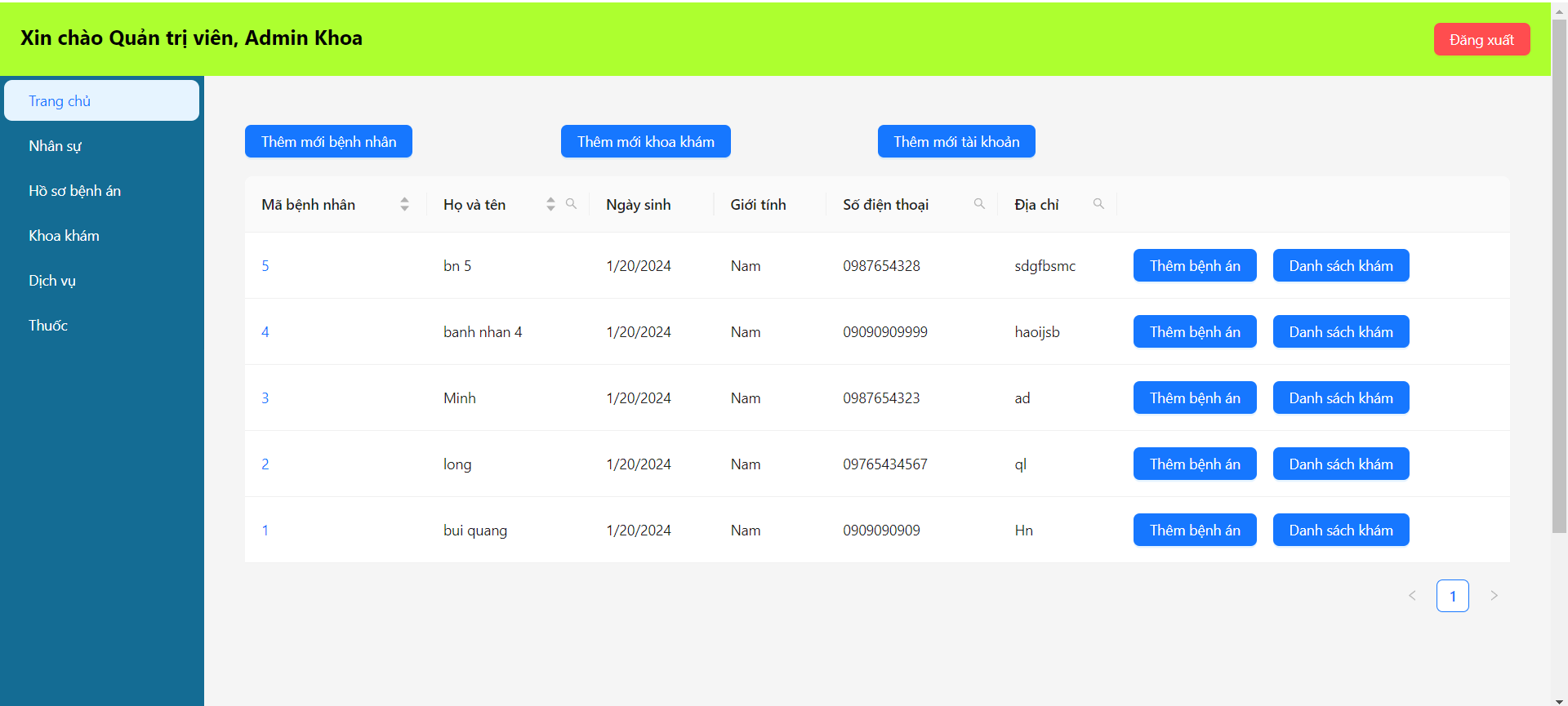


- **Step 2**: Click “OK” from scene



#### 3.2.16 Logout

- **Step 1**: Click “Đăng xuất” from scene

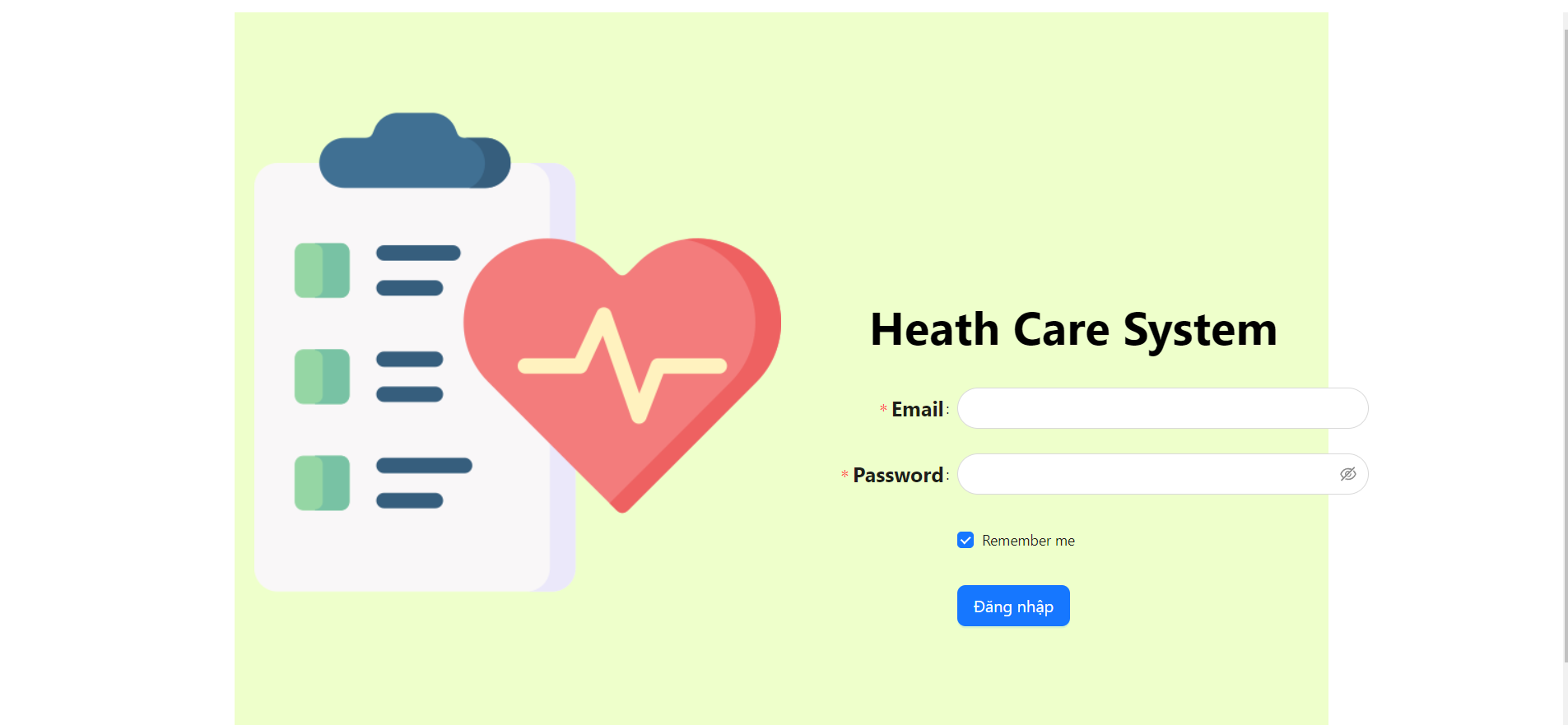


### 3.3 User manual guide for Cashier

#### 3.3.1 Login

This feature is used for both Regular Cashier to login into the application.

- **Step 1**: Go into the login page of the system with the following link:<http://localhost:3000/login>

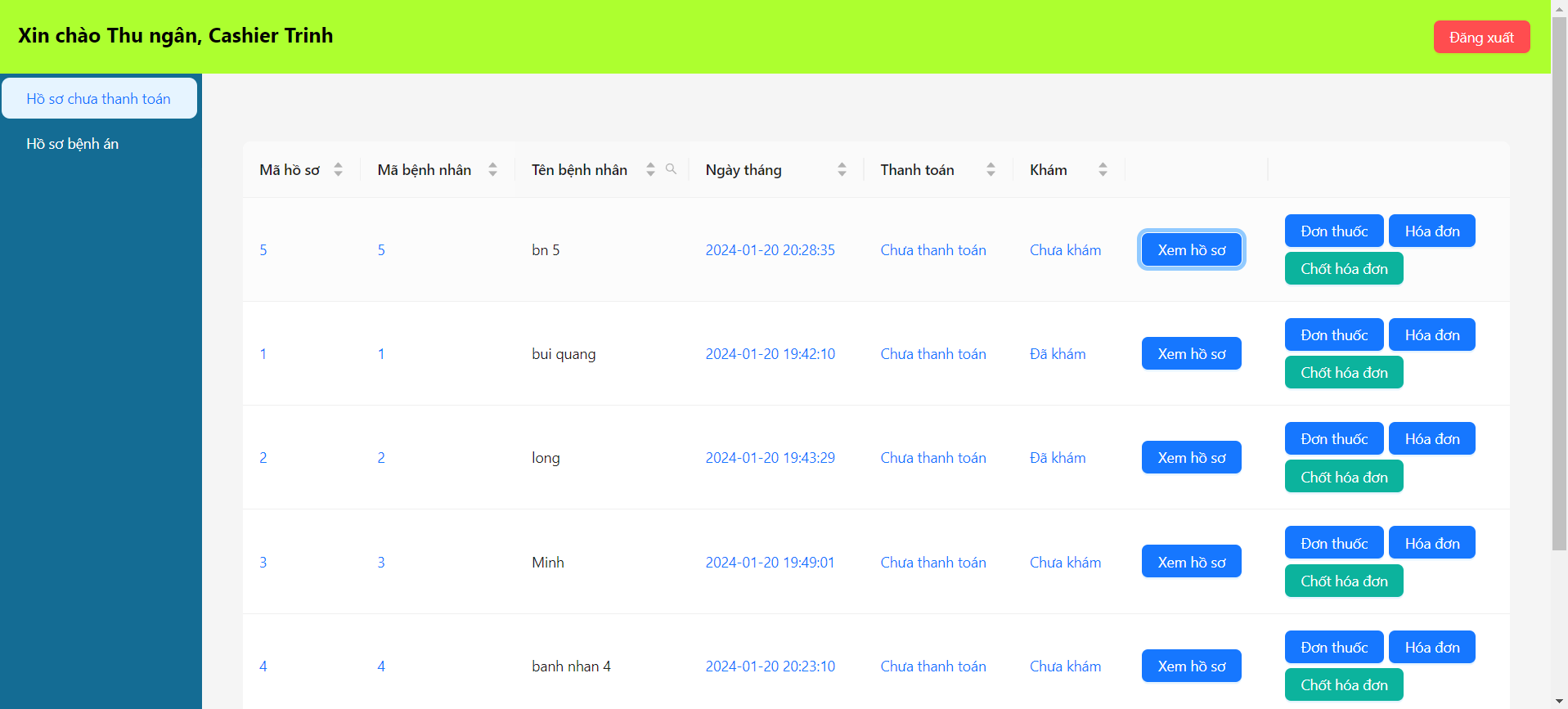


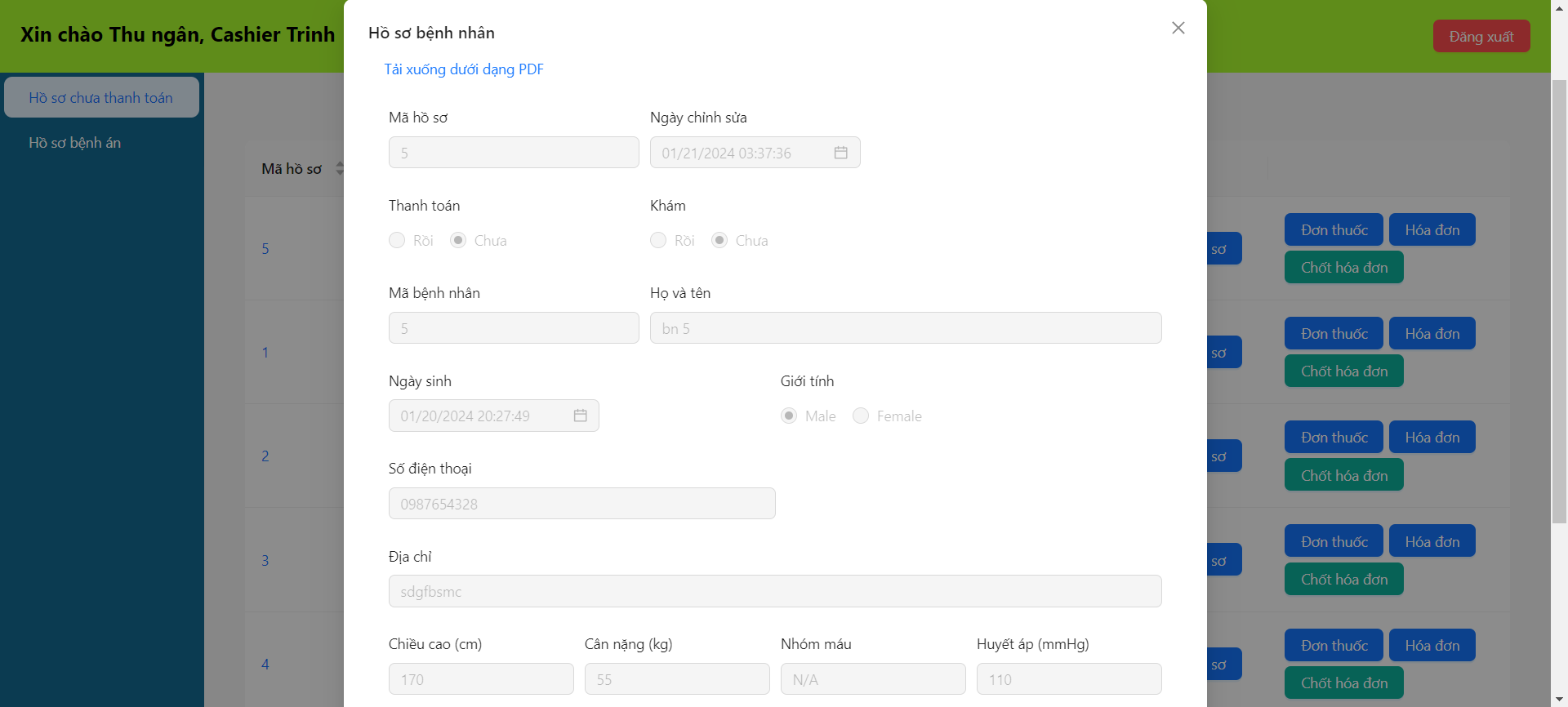
*Figure 1: Login*

- **Step 2**: Type in the user’s email and password of the account.

- **Step 3**: Press the enter key on the keyboard or click the “Đăng nhập”button

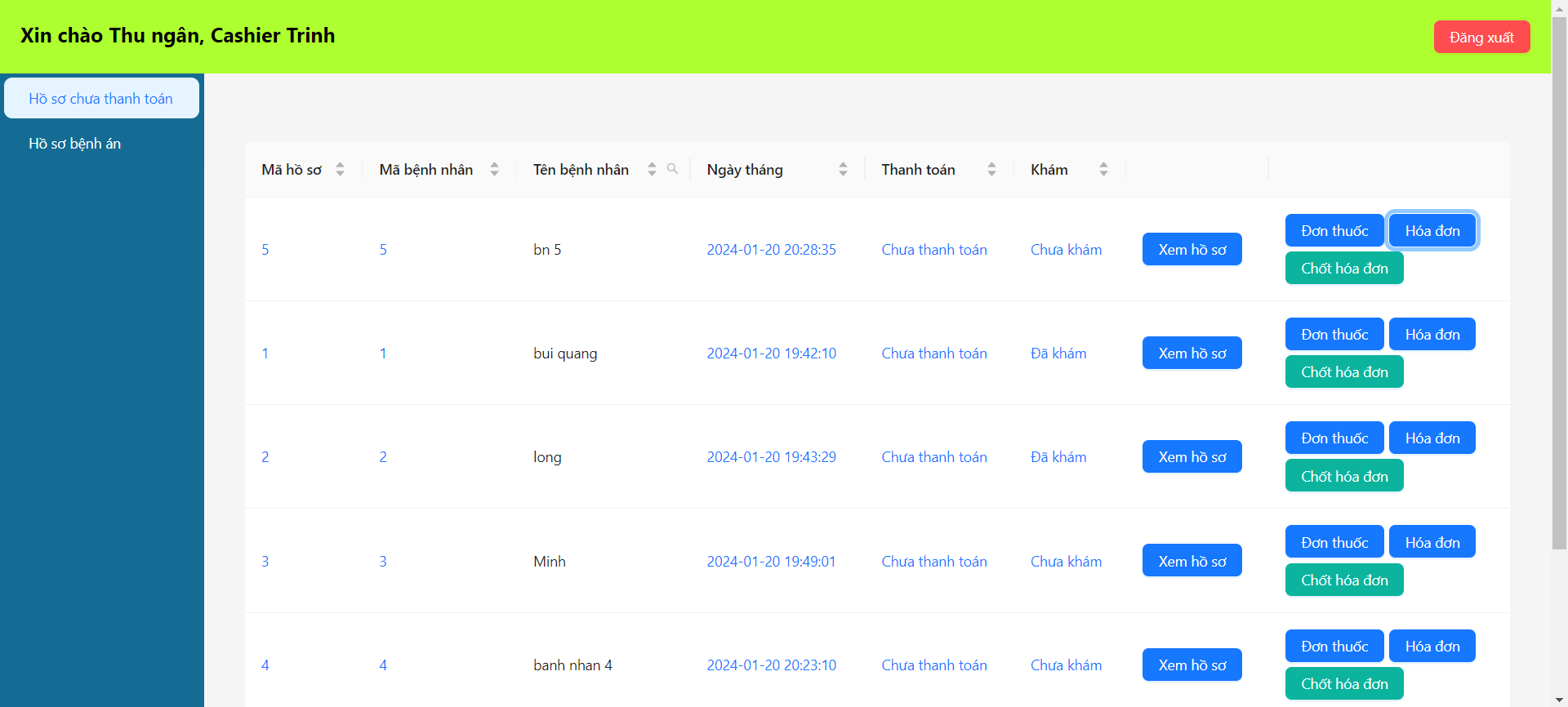
#### 3.3.2 View patient records

- **Step 1**: Click “Xem hồ sơ” from scene

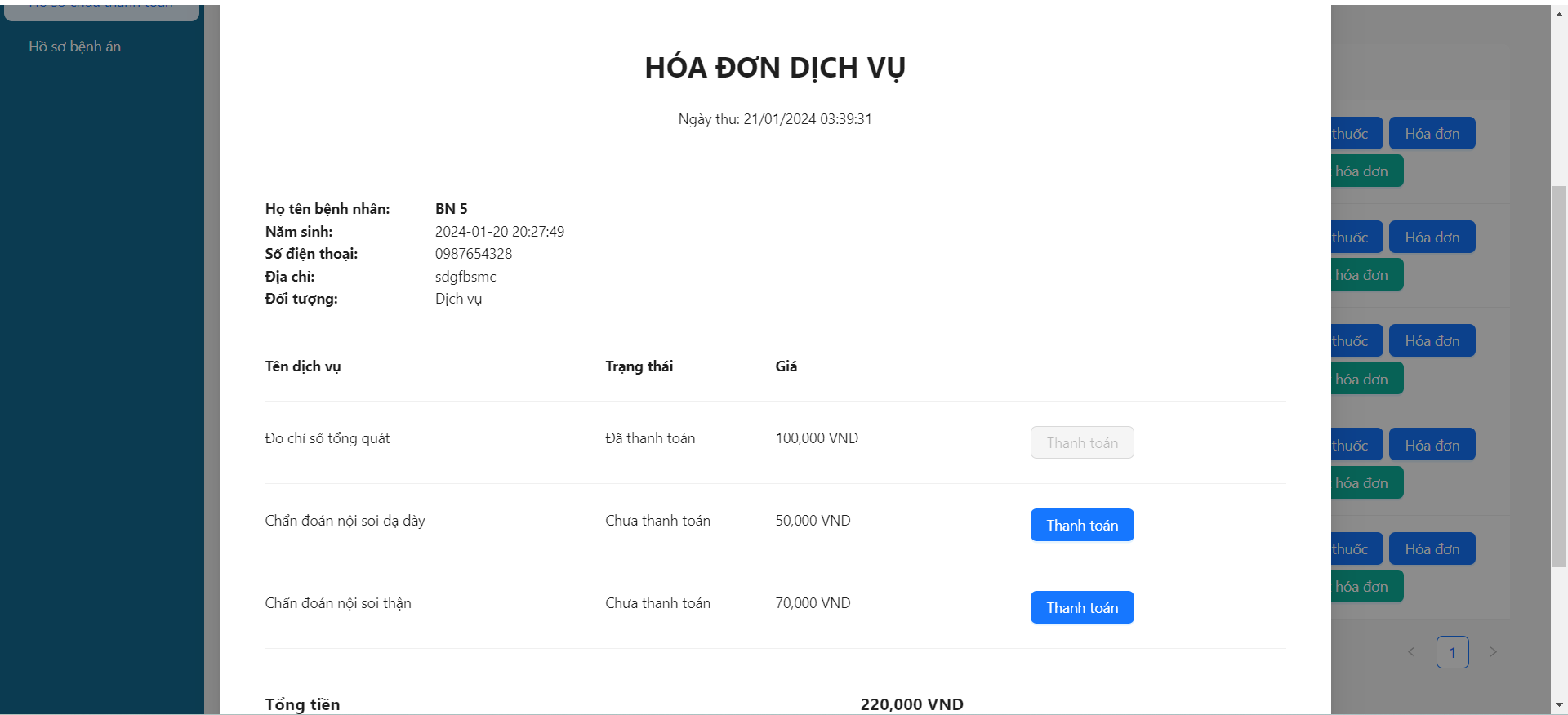


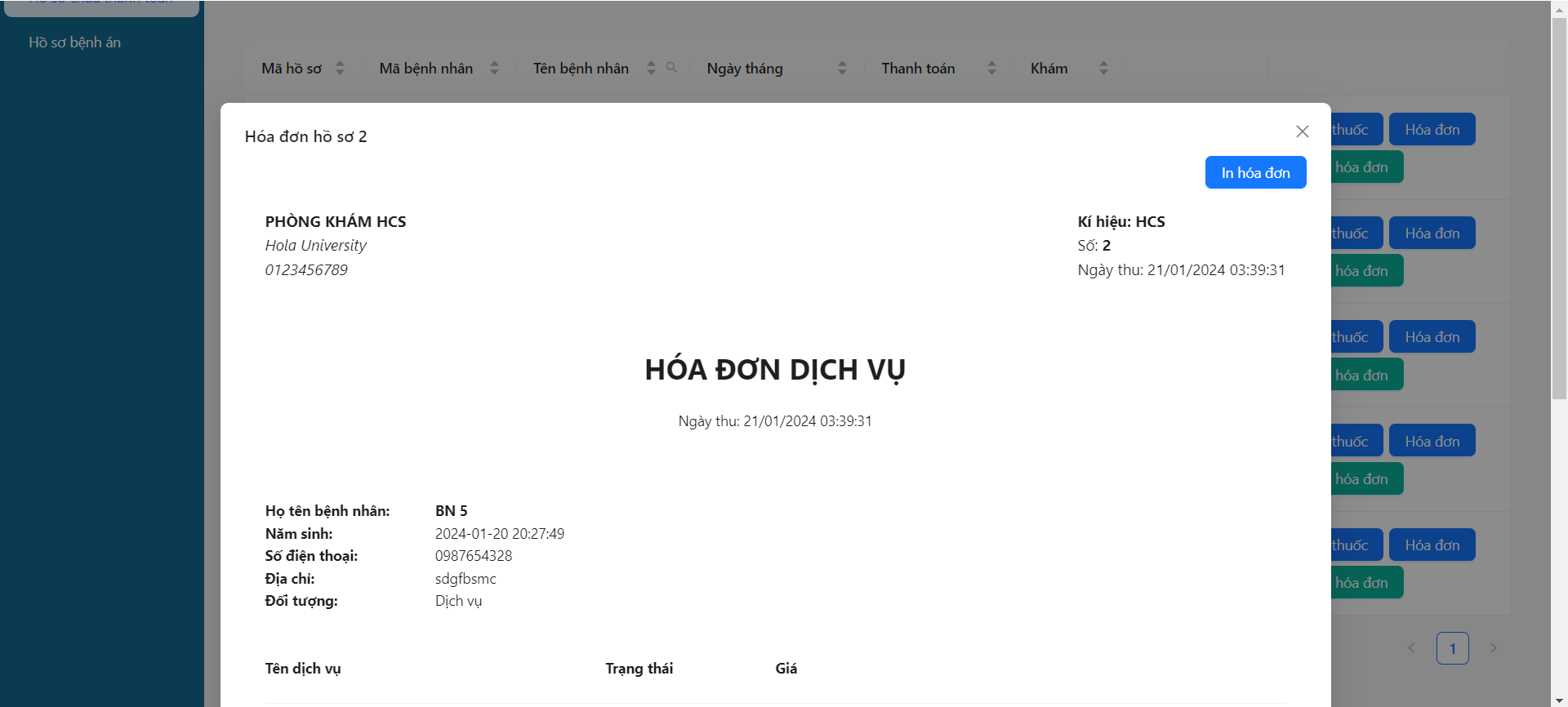
#### 3.3.3 Service payment

- **Step 1**: Click “Hóa đơn” from scene

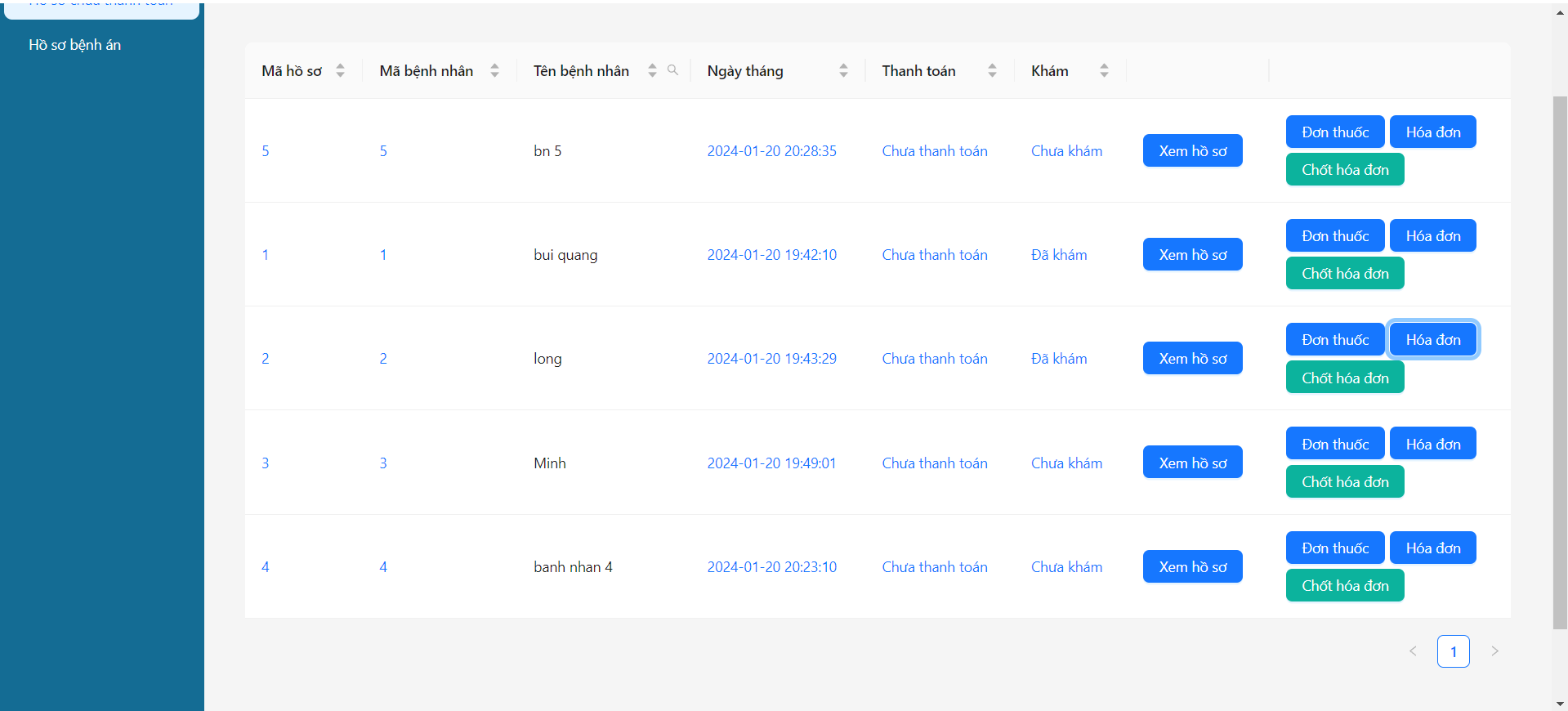


- **Step 2**: Click “Thanh toán” to Pay for that service



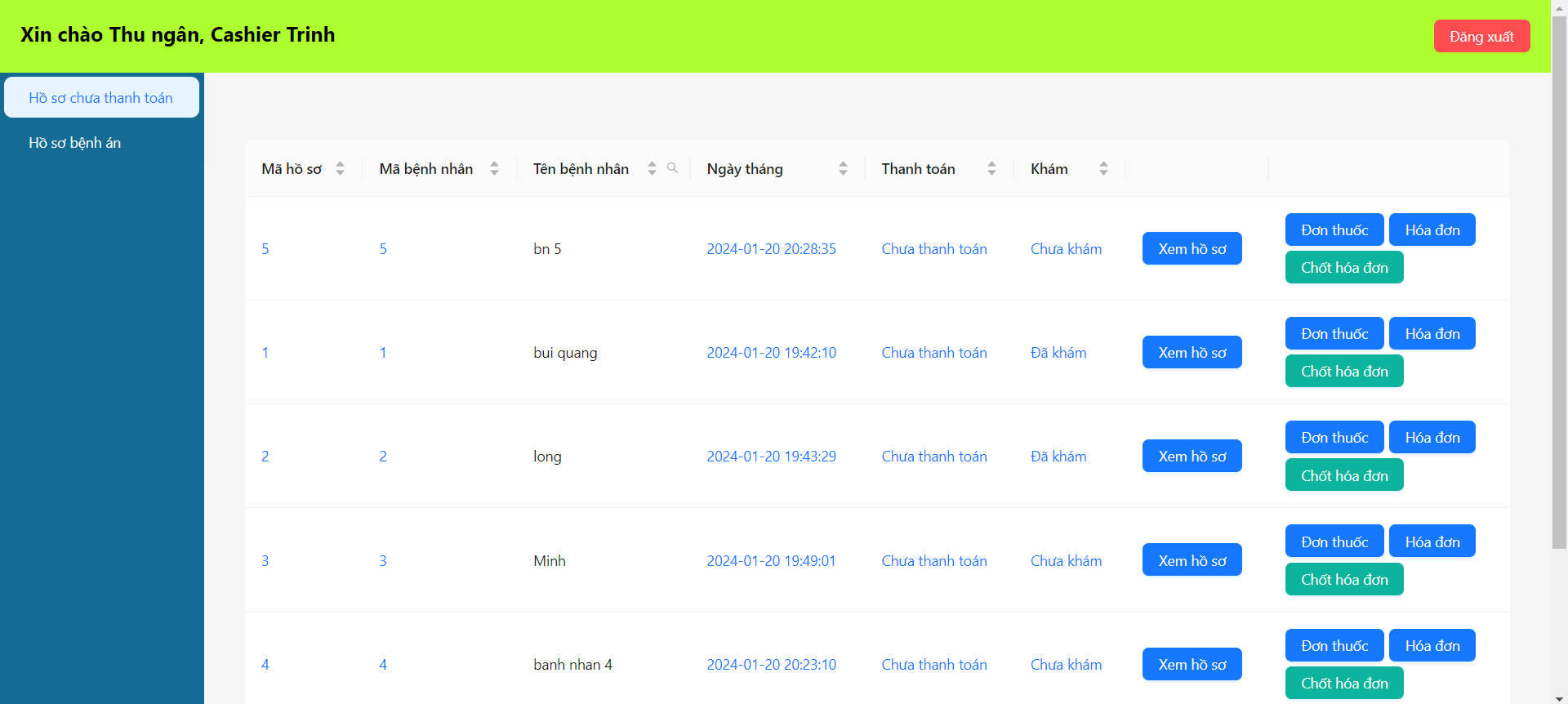
- **Step 3**: Click “In hóa đơn” to print invoice

#### 3.3.4 Finalise the invoice

- **Step 1**: Click “Chốt hóa đơn” from scene

#### 3.3.5 Logout

- **Step 1**: Click “Đăng xuất” from scene

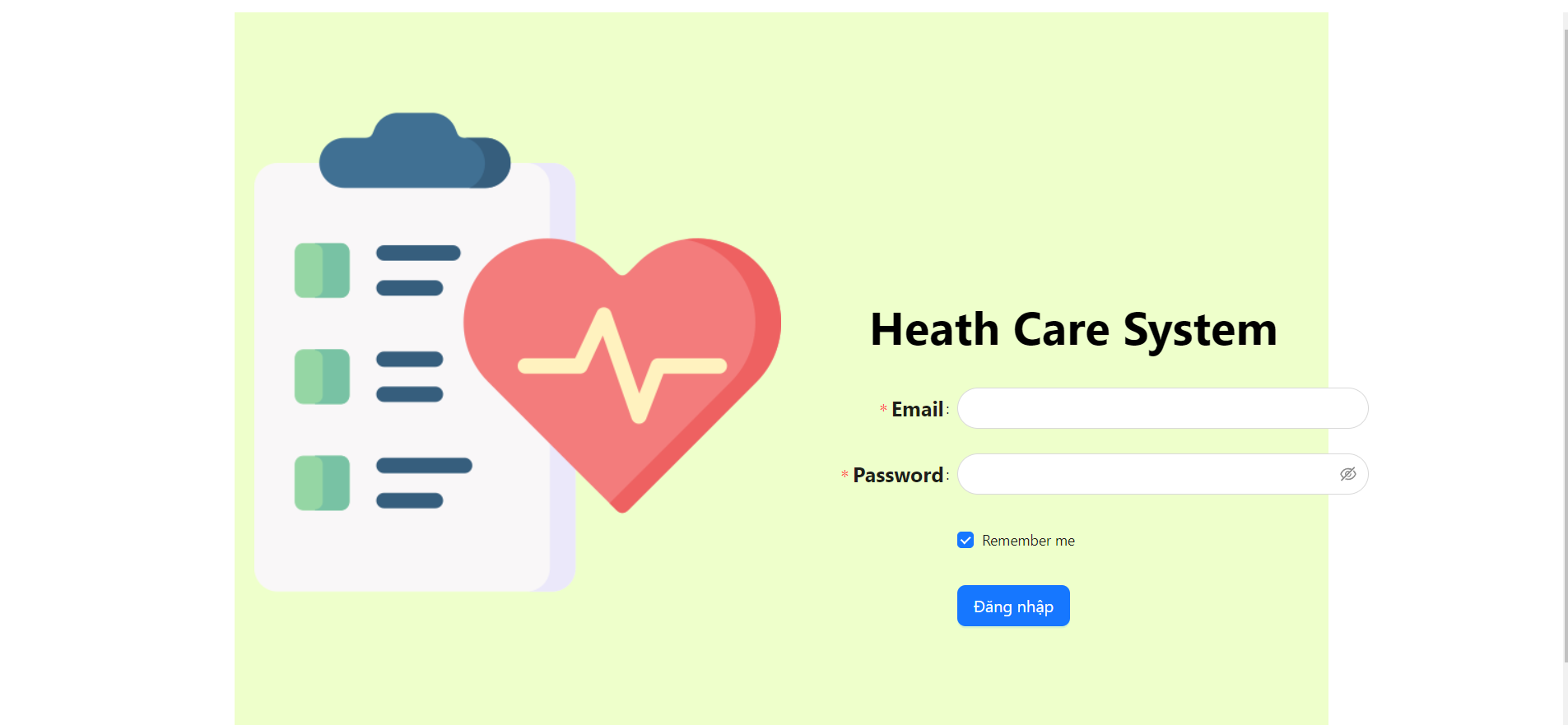


### 3.4 User manual guide for Doctor

#### 3.4.1 Login

This feature is used for both Regular Doctor to login into the application.

- **Step 1**: Go into the login page of the system with the following link:<http://localhost:3000/login>

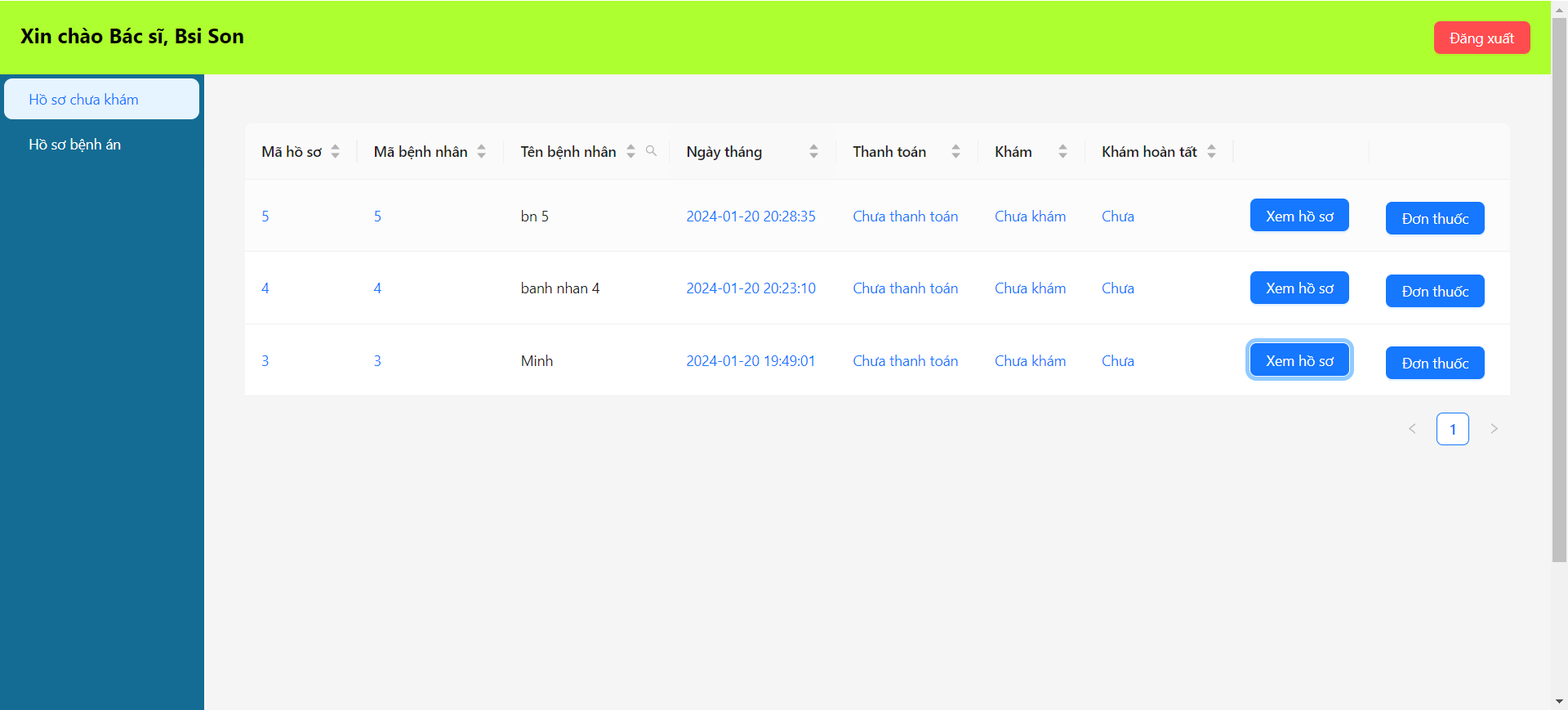


*Figure 1: Login*

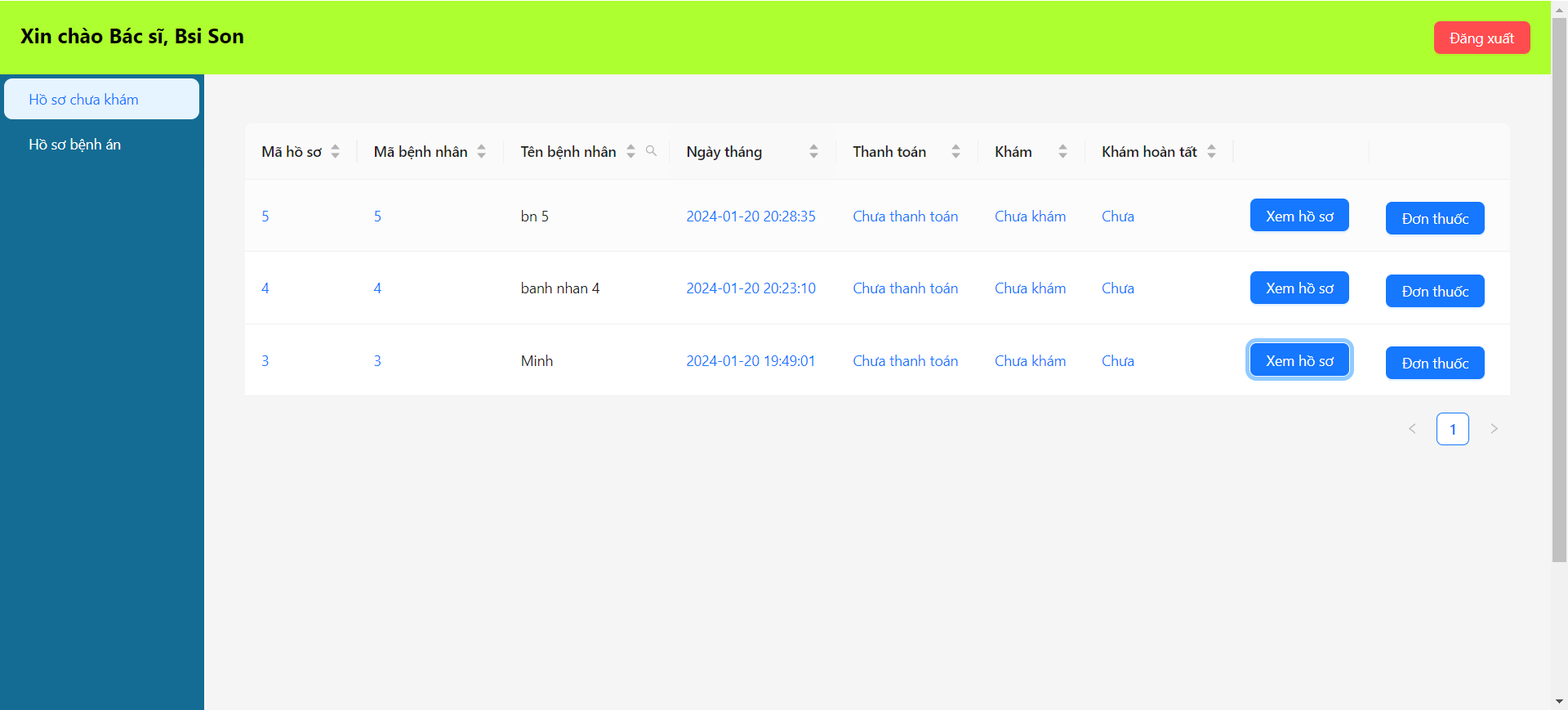
- **Step 2**: Type in the user’s email and password of the account.

- **Step 3**: Press the enter key on the keyboard or click the “Đăng nhập”button

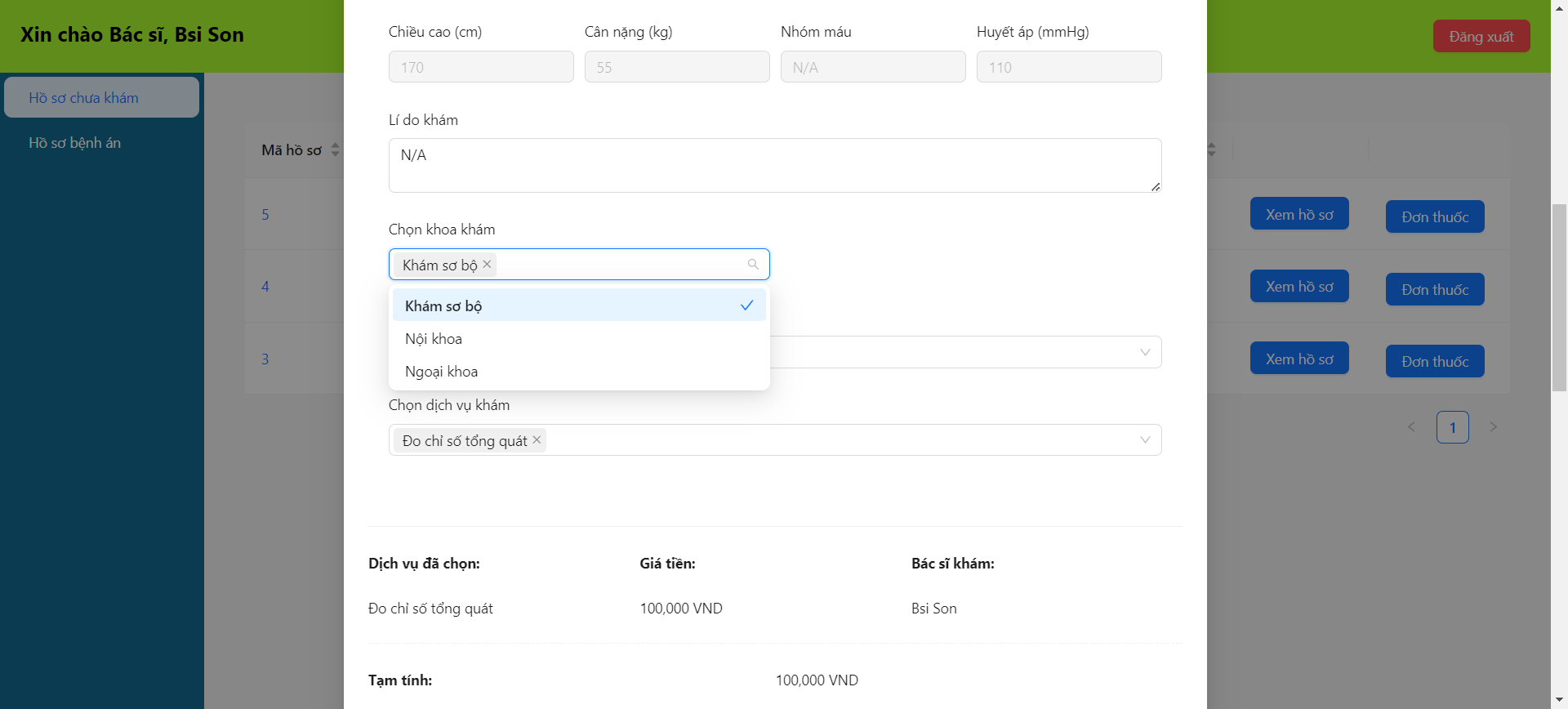
#### 3.4.2 View list patient records that have not yet been examined

- **Step 1**: Click “Hồ sơ chưa khám” from scene

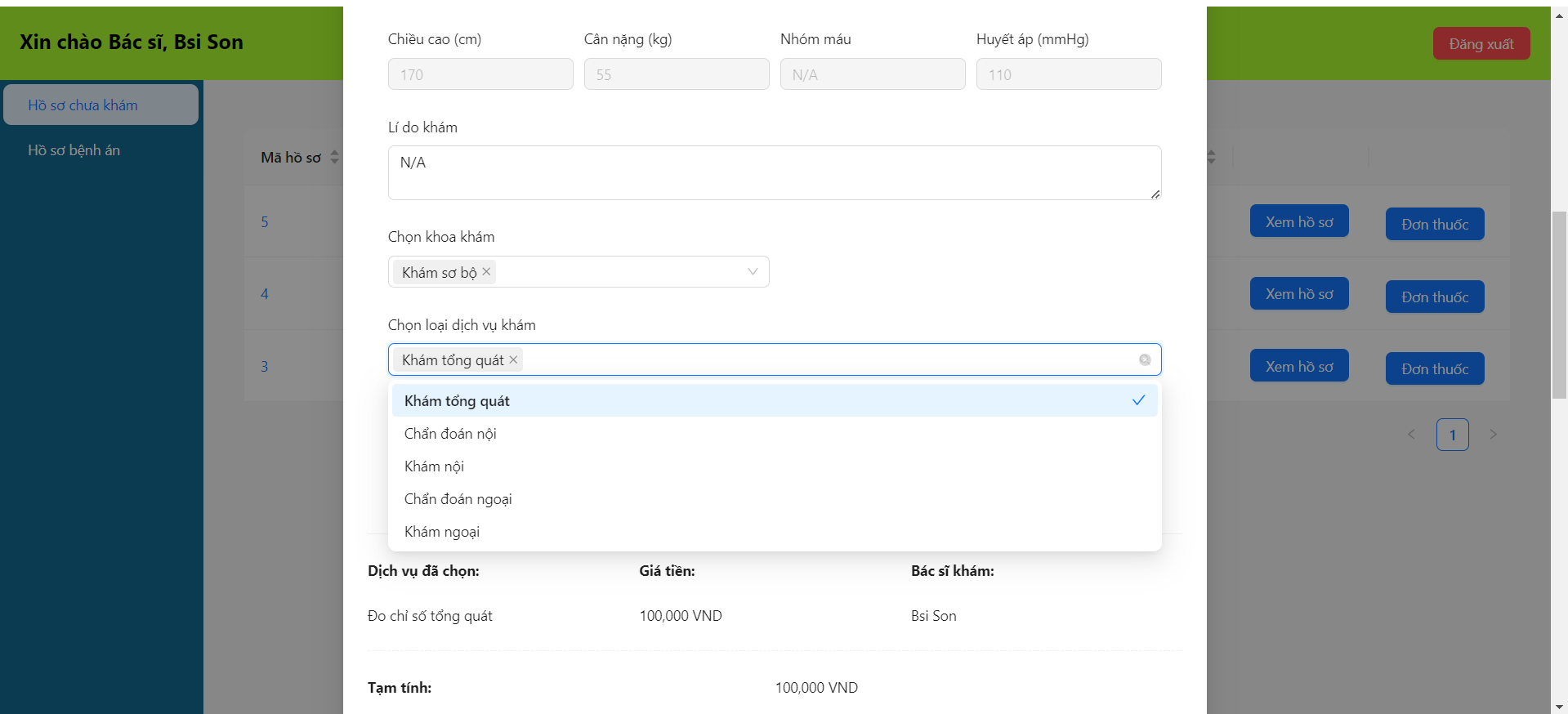
#### 3.4.3 View patient records detail that have not yet been examined

- **Step 1**: Click “Xem hồ sơ ” from scene

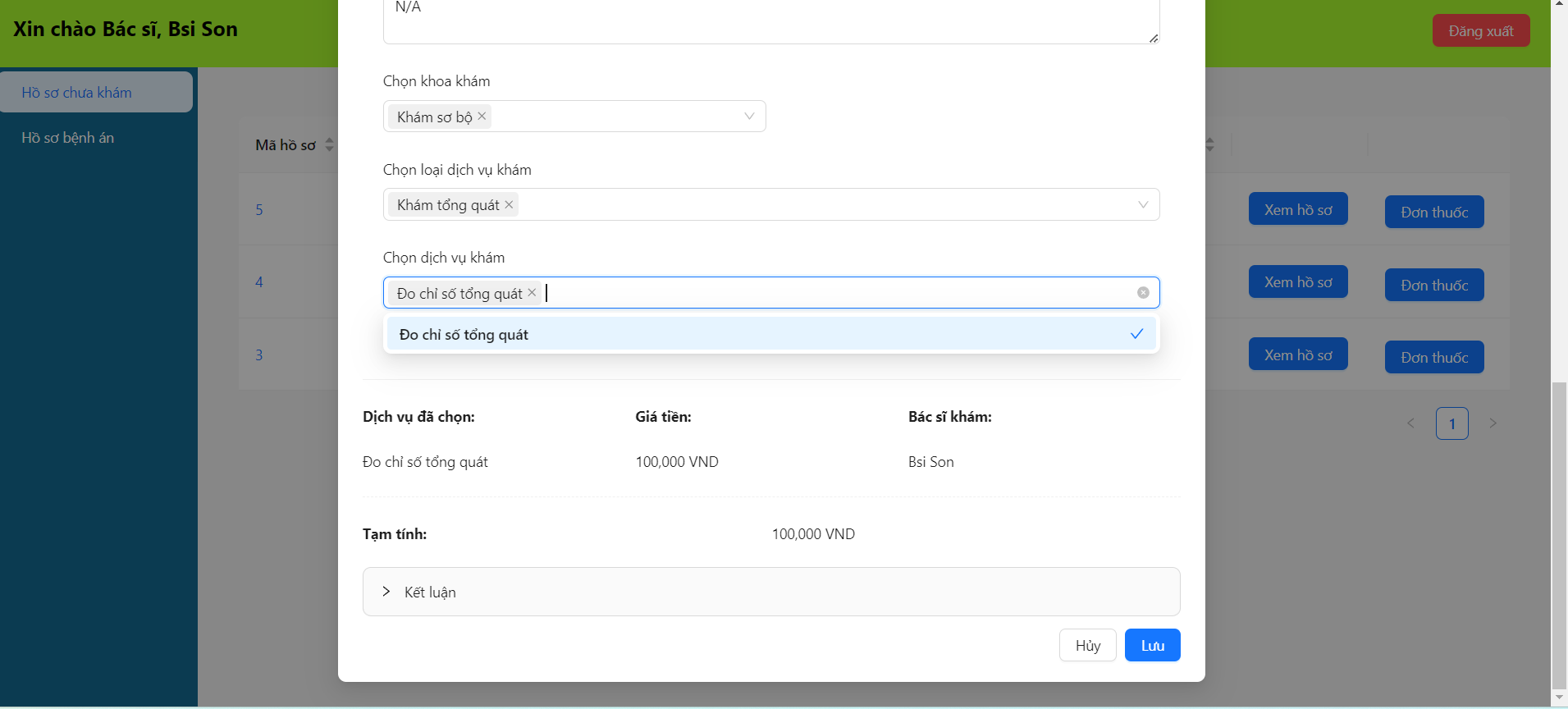
#### 3.4.4 Choose medical examination services for patients

- **Step 1**: Click “Chọn khoa khám” from scene

- **Step 2**: Click “Chọn loại dịch vụ khám” from scene

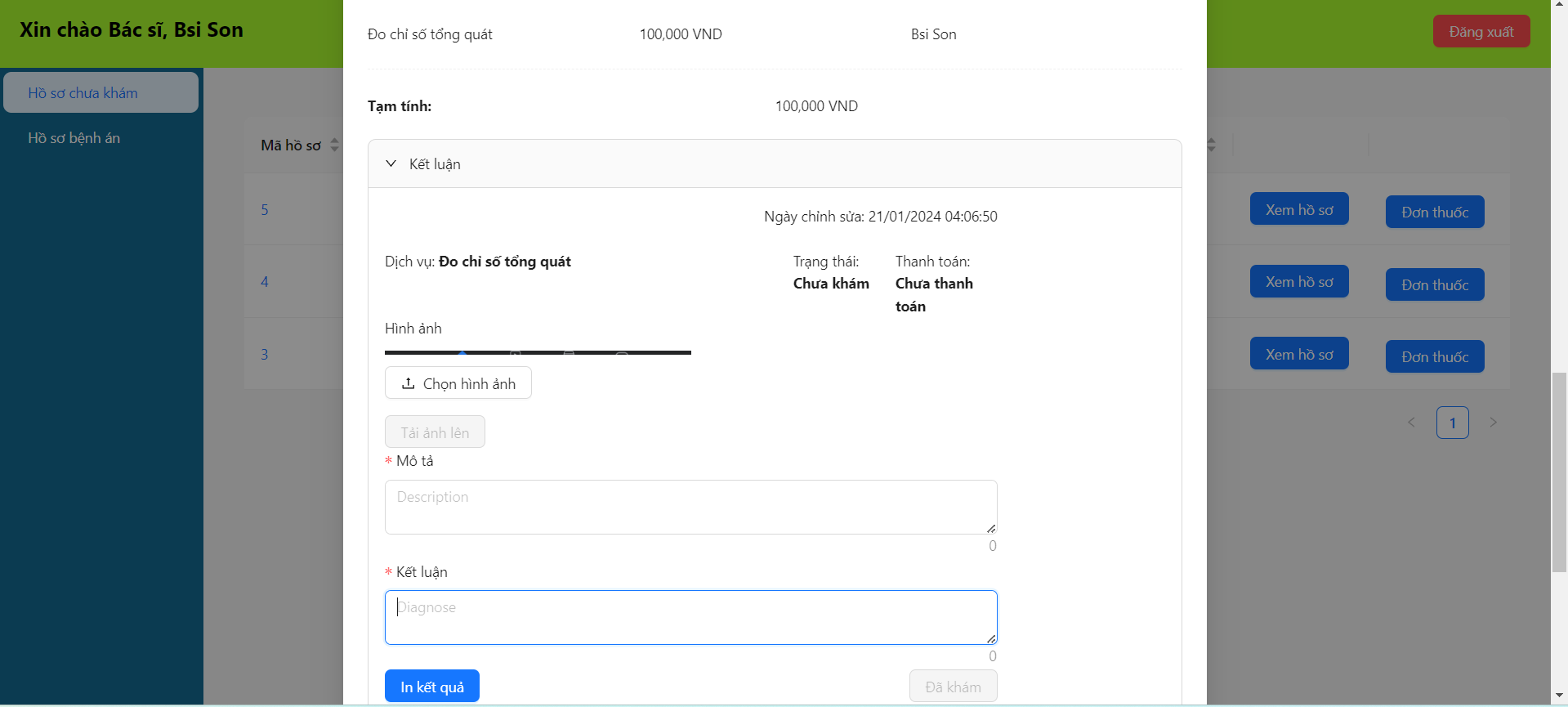


- **Step 2**: Click “Chọn dịch vụ khám” and “Lưu” from scene



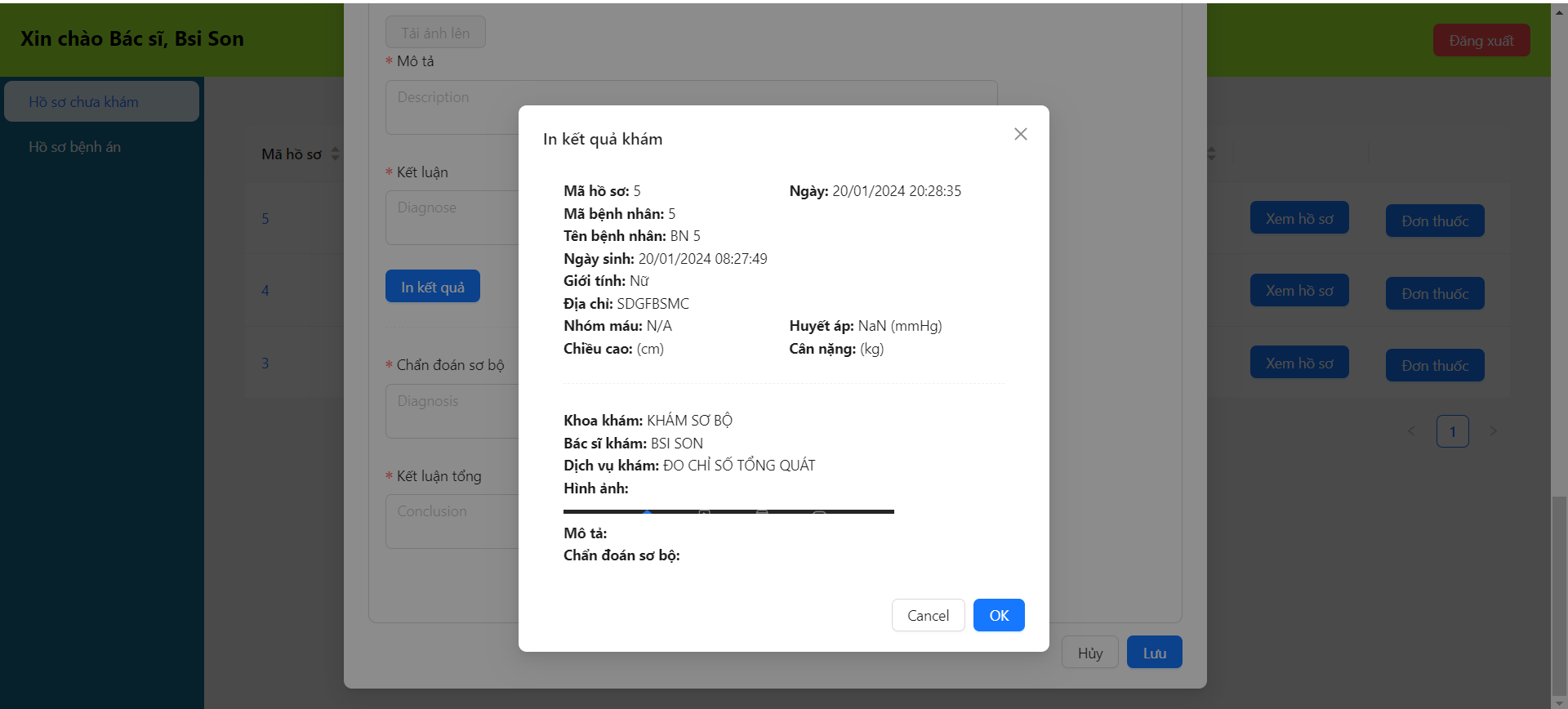
#### 3.4.5 Generate medical examination results

- **Step 1**: Click “Kết luân” from scene and “Đã khám”



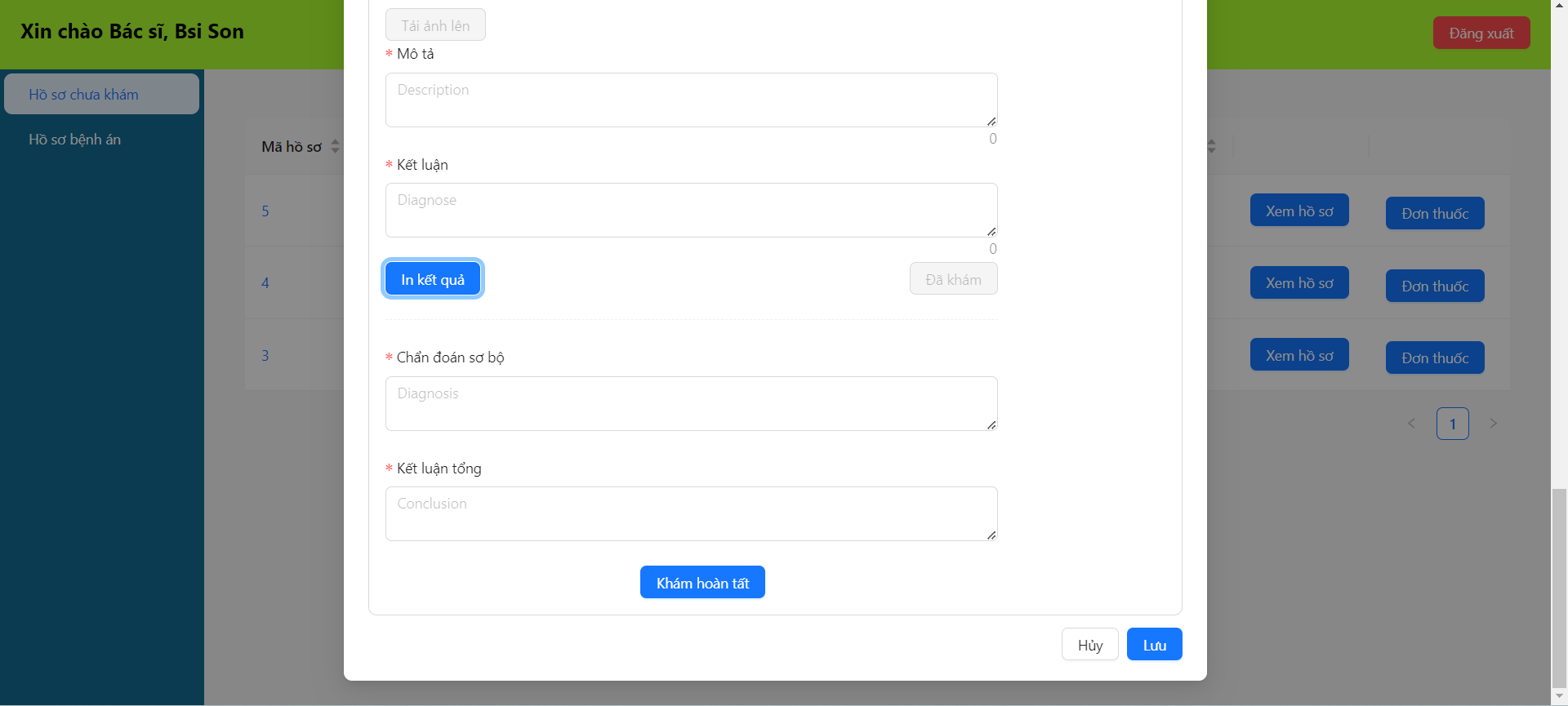
#### 3.4.6 Printf medical examination results

- **Step 1**: Click “In kết quả” from scene and “OK”



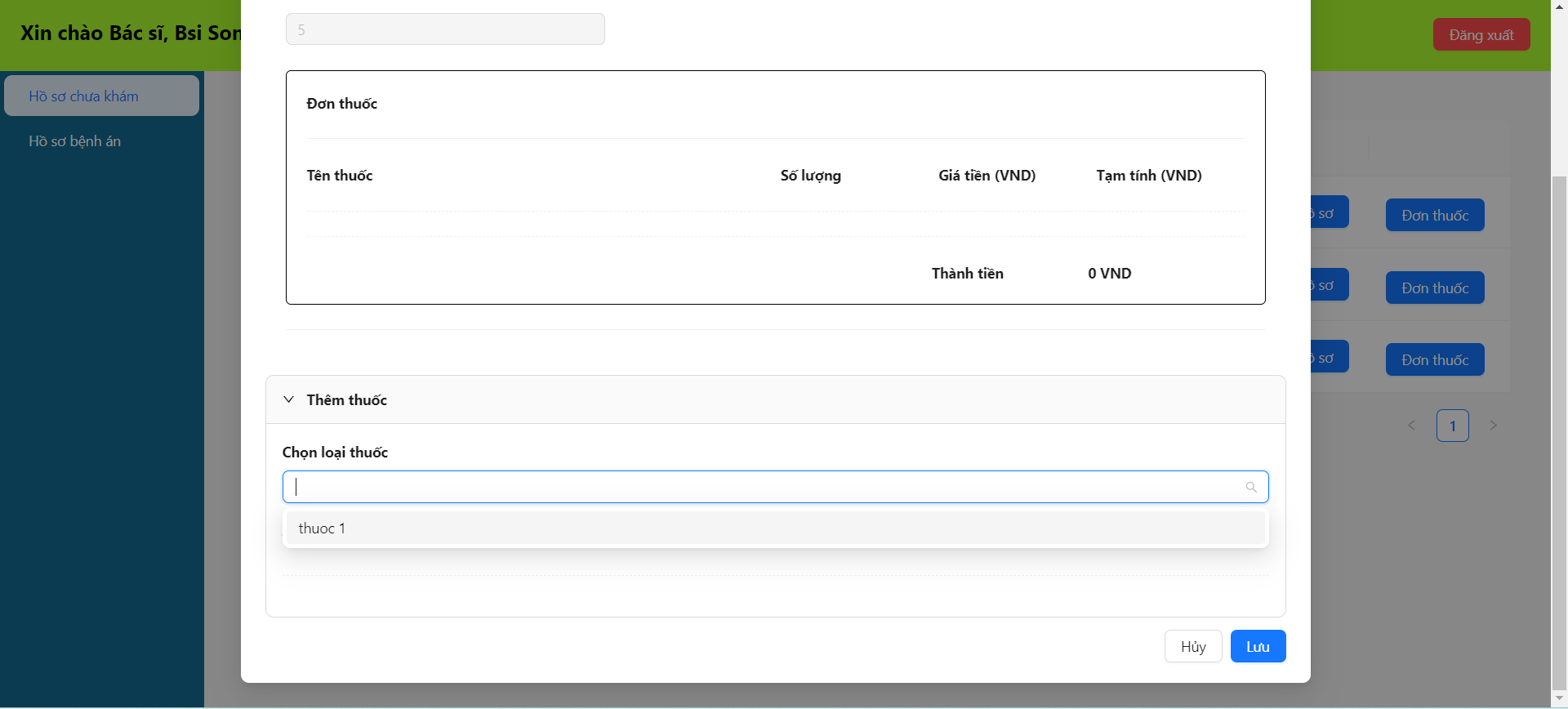
#### 3.4.7 Create summary medical examination results

- **Step 1**: Click “Khám hoàn tất” from scene and “Lưu”



#### 3.4.8 Create a prescription

- **Step 1**: Click “Thêm thuốc” and “Chọn loại thuốc”



- **Step 2**: Click “Số lượng đã chọn ” to adjust the amount of medicine and “Lưu”



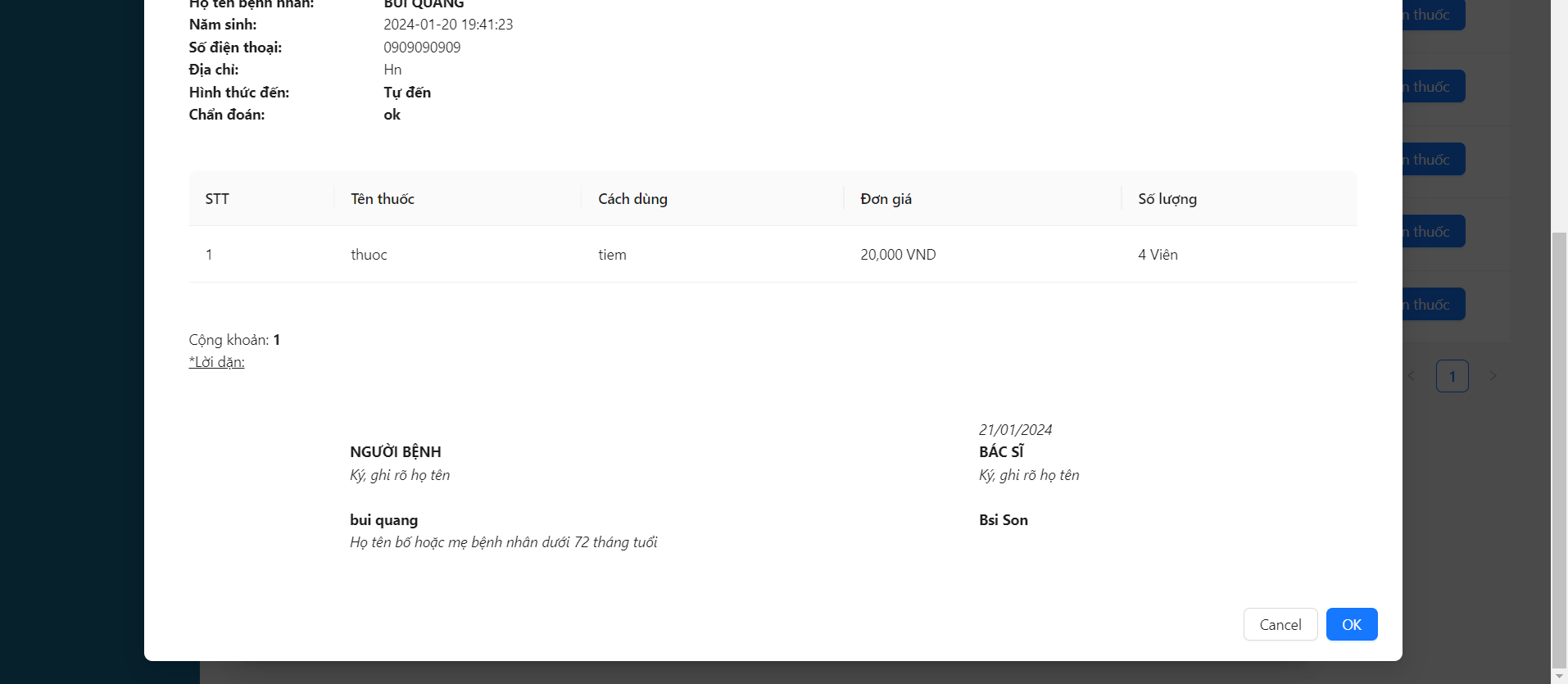
#### 3.4.9 Print prescriptions

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- **Step 1**: Click “In đơn thuốc”

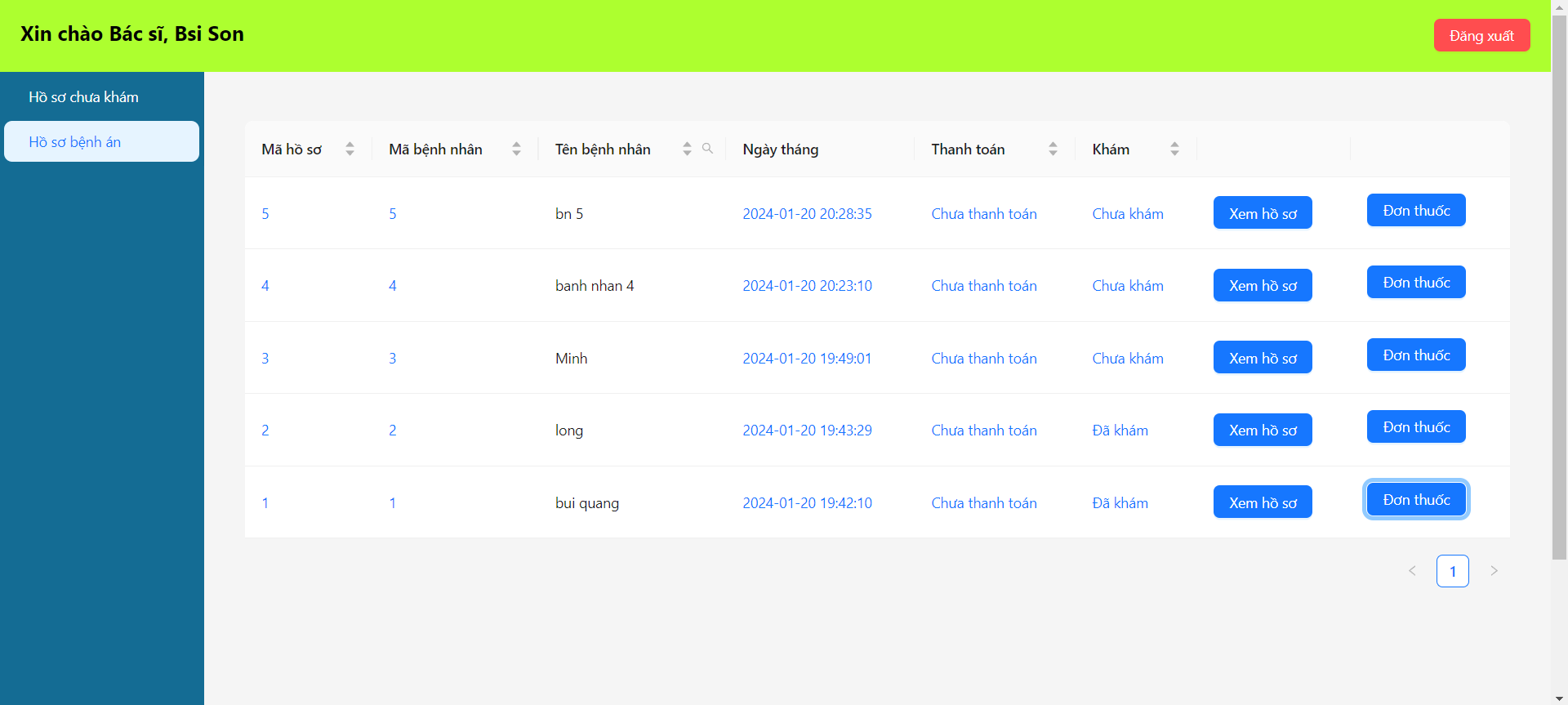
#### 

- **Step 2**: Click “OK”



#### 3.4.10 Logout

- **Step 1**: Click “Đăng xuất” from scene

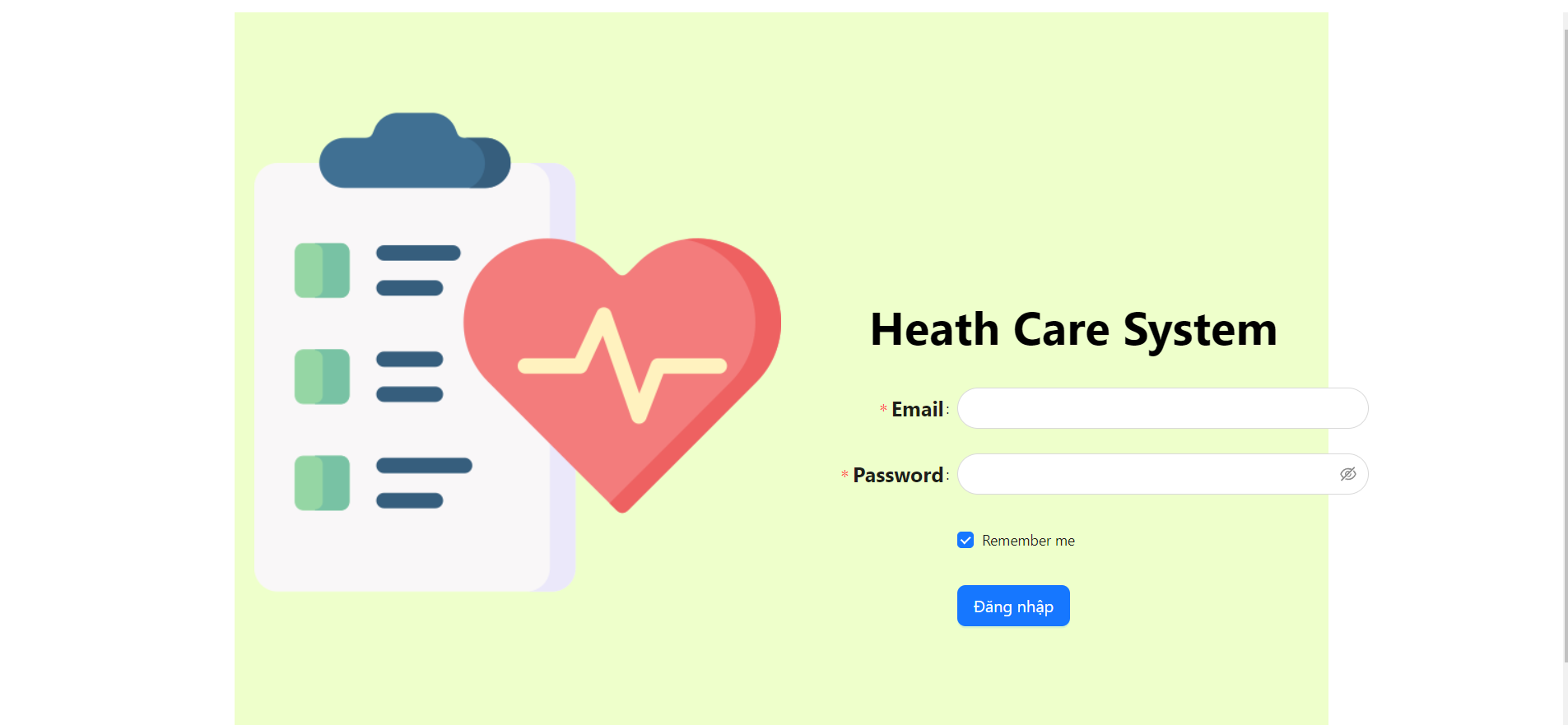


### 3.5 User manual guide for Nurse

#### 3.5.1 Login

This feature is used for both Regular Nurse to login into the application.

- **Step 1**: Go into the login page of the system with the following link:<http://localhost:3000/login>

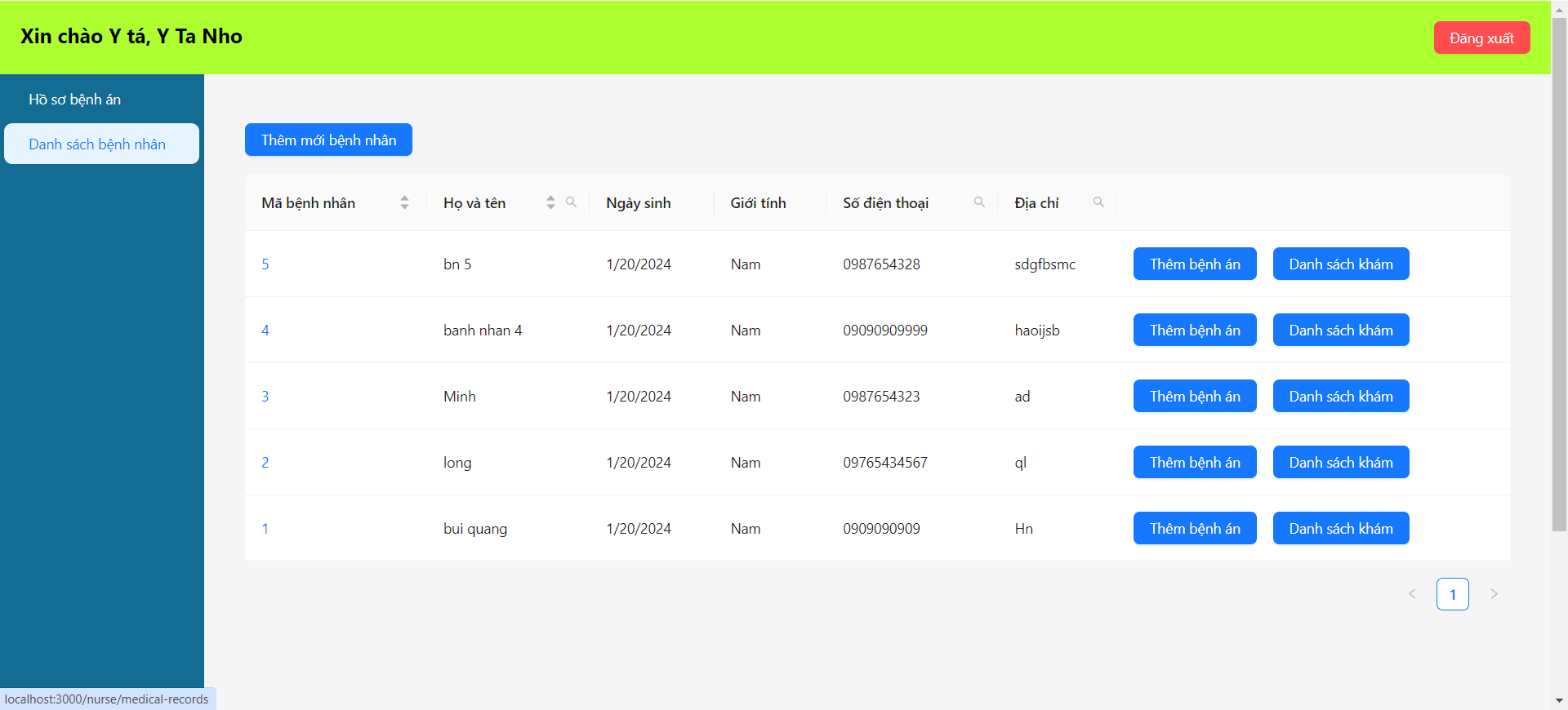


*Figure 1: Login*

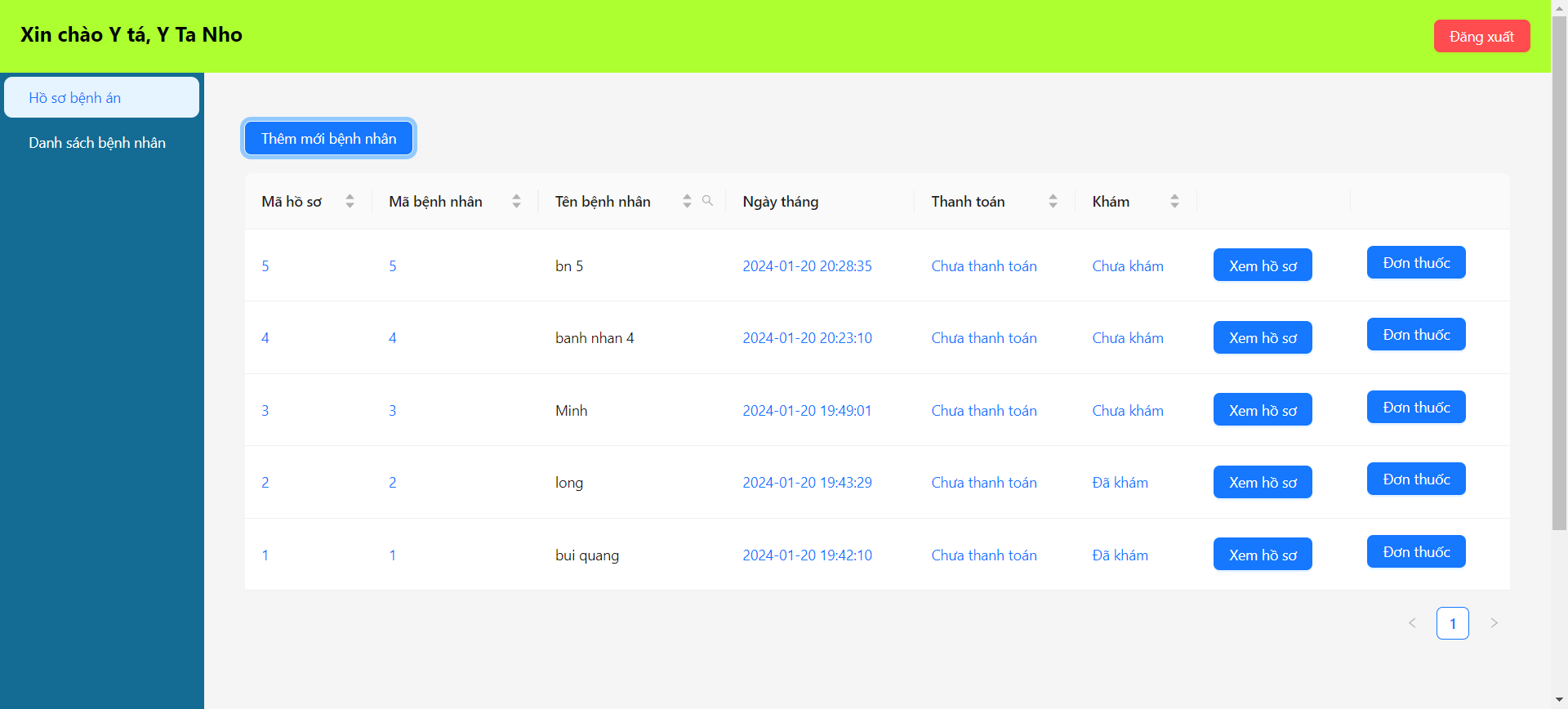
- **Step 2**: Type in the user’s email and password of the account.

- **Step 3**: Press the enter key on the keyboard or click the “Đăng nhập”button

#### 3.5.2 See patient list

- **Step 1**: Click “Danh sách bệnh nhân” from scene

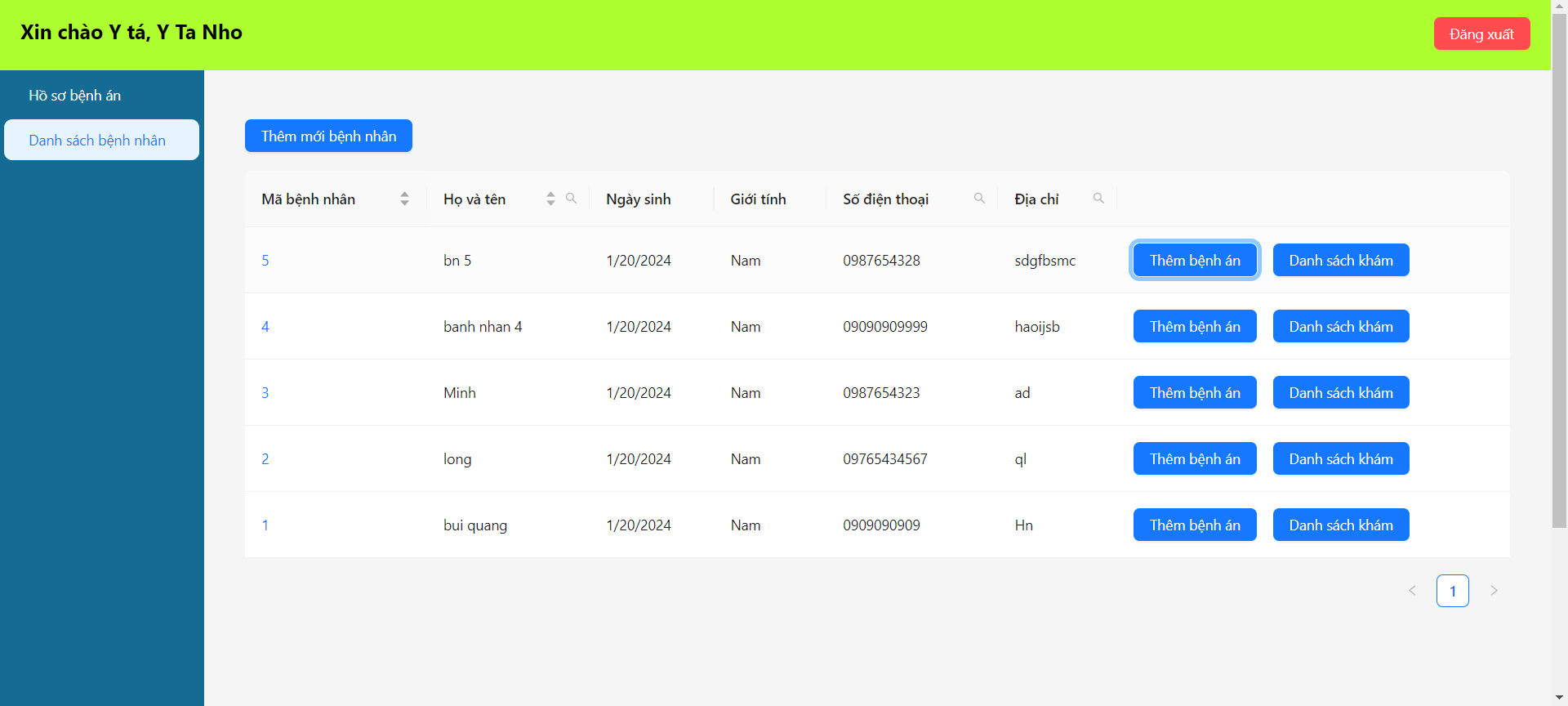
#### 3.5.3 Add new patient

- **Step 1**: Click “Thêm mới bệnh nhân ” from scene

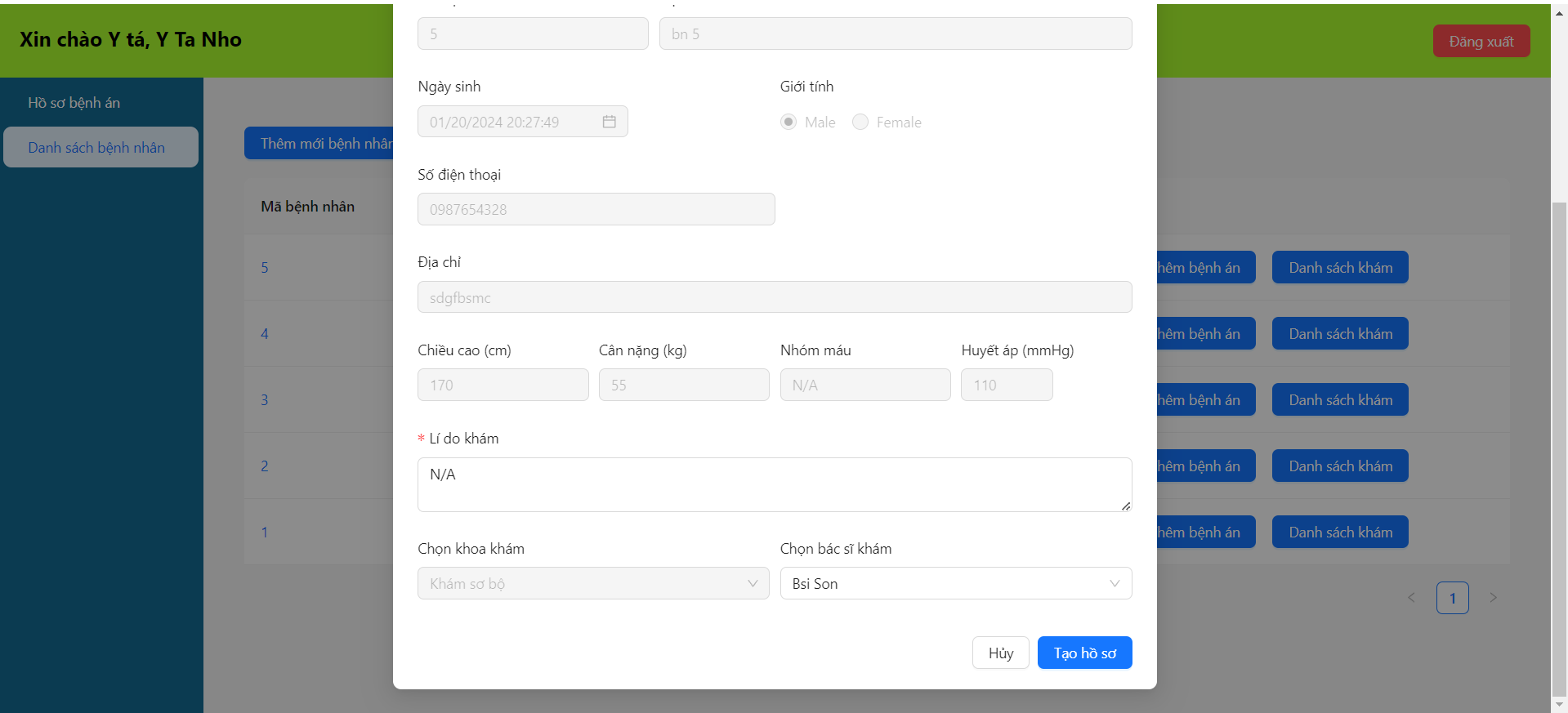
- **Step 2**: Click “Lưu ” from scene

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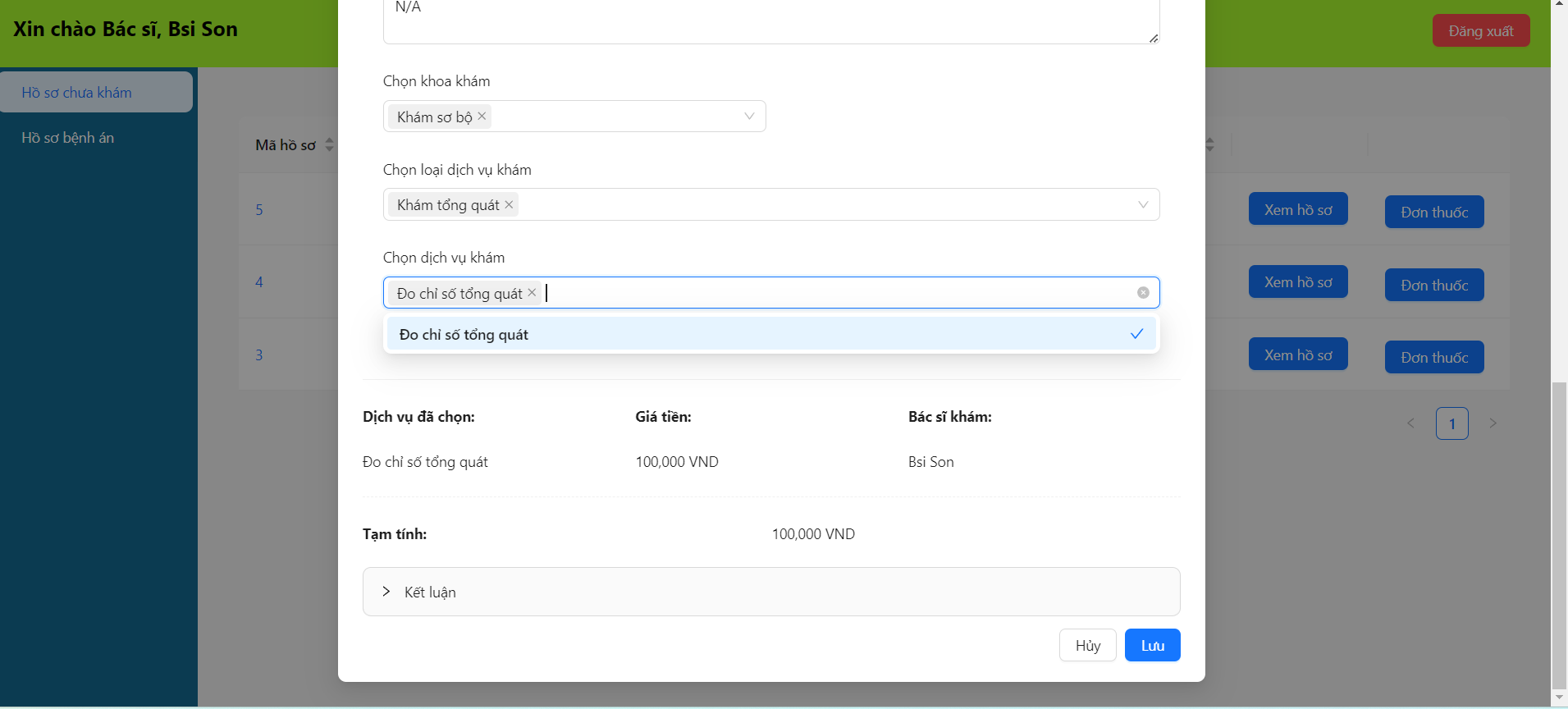
#### 3.5.4 Add new medical record

- **Step 1**: Click “Thêm bệnh án” from scene

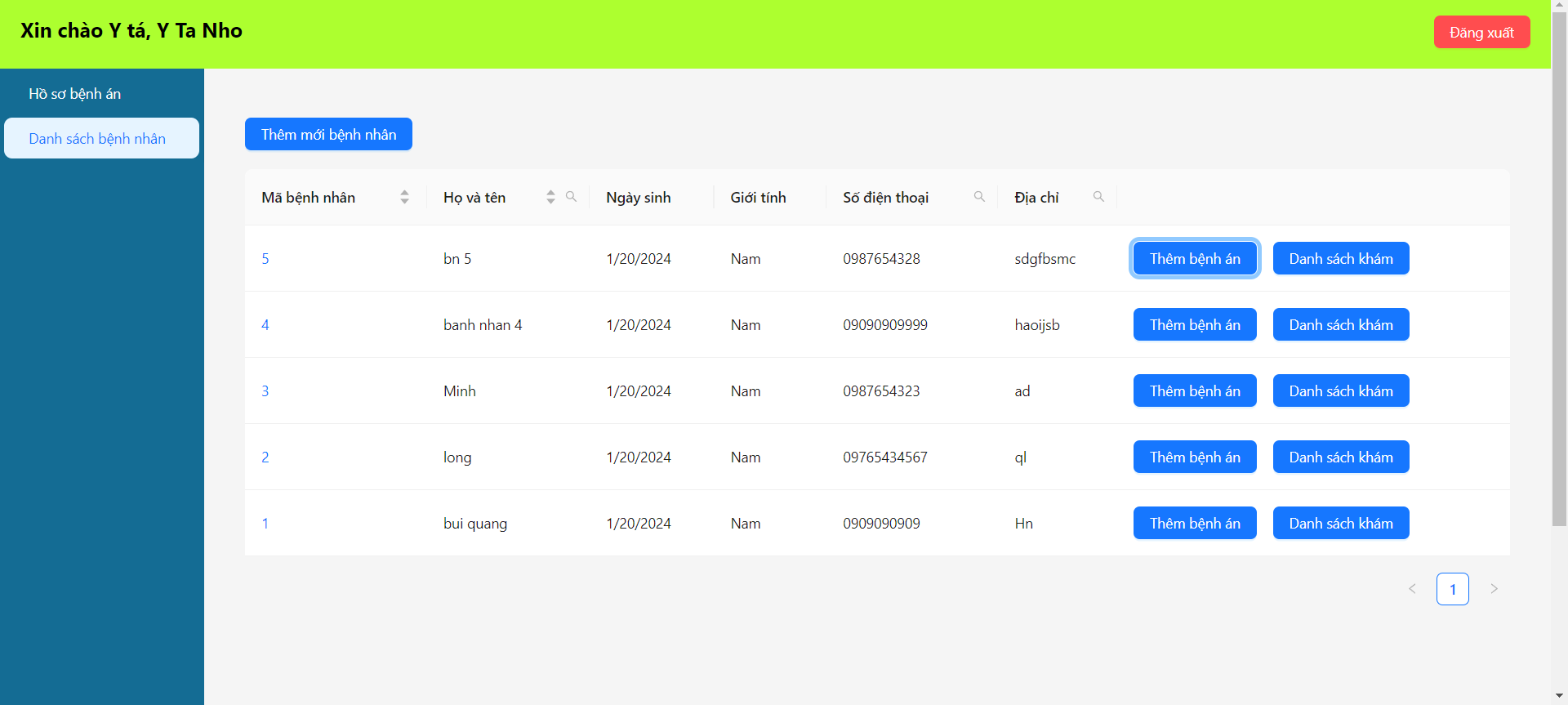
- **Step 2**: Click “Tạo hồ sơ” from scene

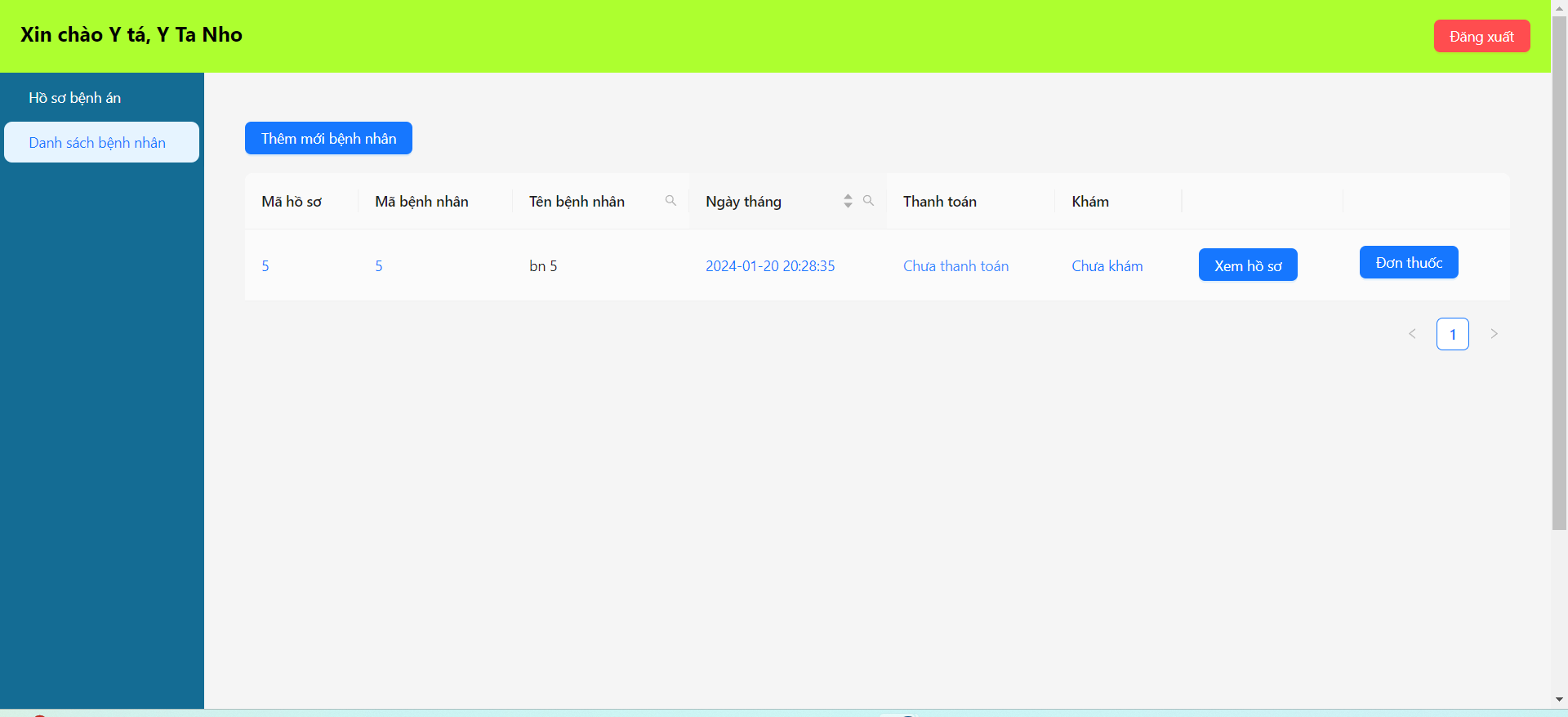


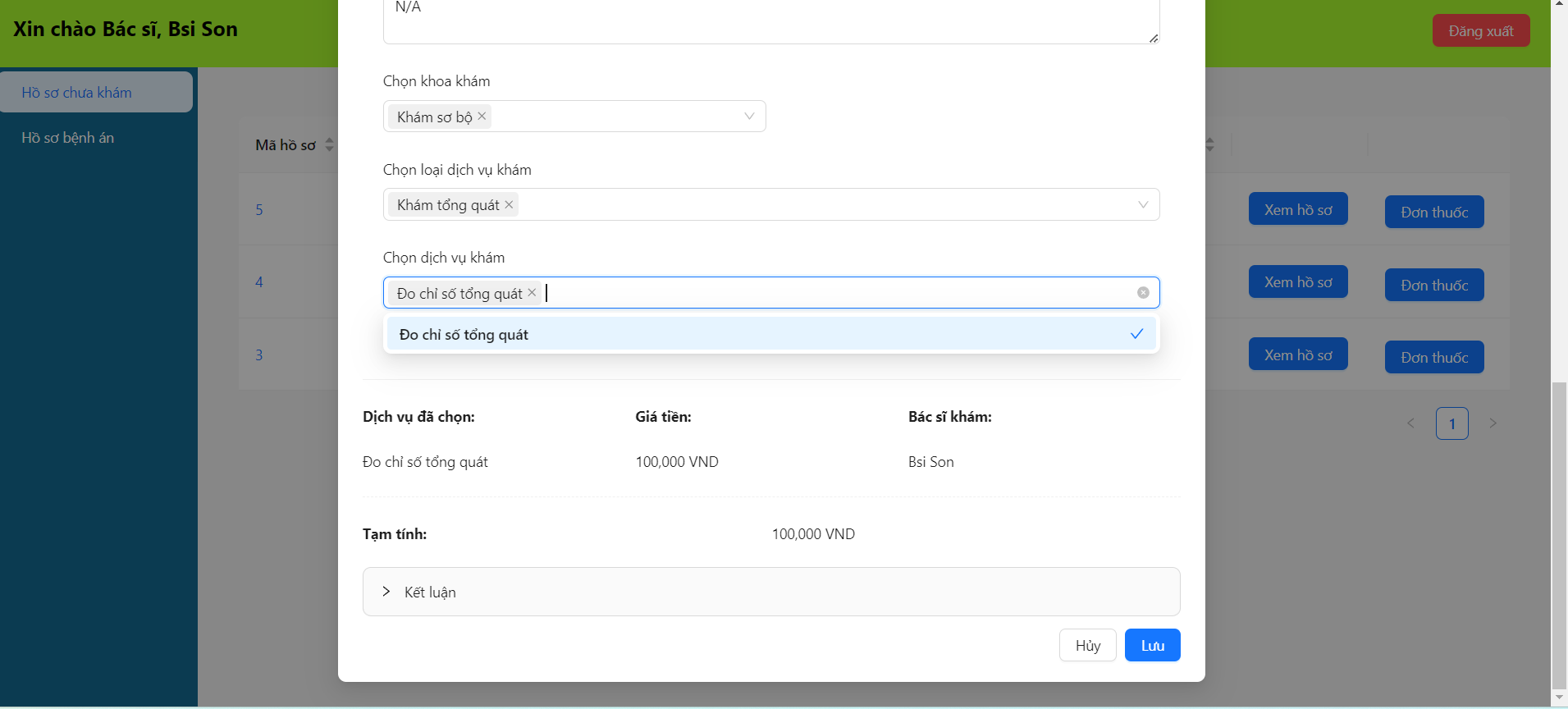
- **Step 2**: Click “Chọn dịch vụ khám” and “Lưu” from scene



#### 3.5.5 See the patient's medical record list

- **Step 1**: Click “Danh sách khám” from scene





#### 3.5.6 Logout

- **Step 1**: Click “Đăng xuất” from scene

