HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

System Implementation Document
Software Engineering
Project 10: Jade Hill Homestay

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Requirments:
- NodeJS 16.0+
- Git

Setup environment:
Step 1: Clone project SE.20212.Group505
- *git clone https://github.com/tandung10x/SE.20212.Group505*
- *cd SE.20212.Group505*

Step 2: Setup the server
- Move to the folder "Server": *cd Server*
- Install ExpressJS: *npm add Express*
- Start the server:
  + *npm run dev*: server will restart whenever the source code in folder "Server" has changed
  + *npm start*: server will not restart whenever the source code in folder "Server" has changed

If the terminal shows "Server is run at port: 3000
                        Connected to mongoDB", it means that the project's server is working.

Step 3: Setup the client
- Split the terminal and move to the folder "Booking-app": *cd Booking-app*
- Install required packages: *npm install*
- Start the project: *npm start*

1. Customer
1.1. Search room
Step 1: Access to the homepage
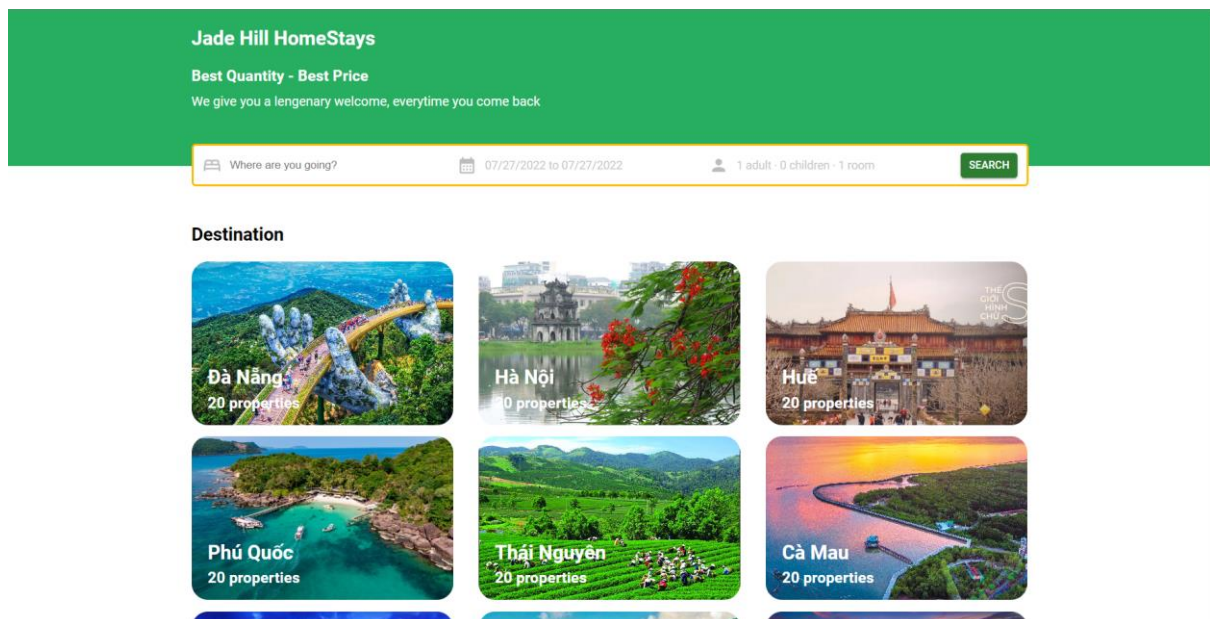
Step 2: Fill in the Destination, Time range, and Number of Adults/Childrens
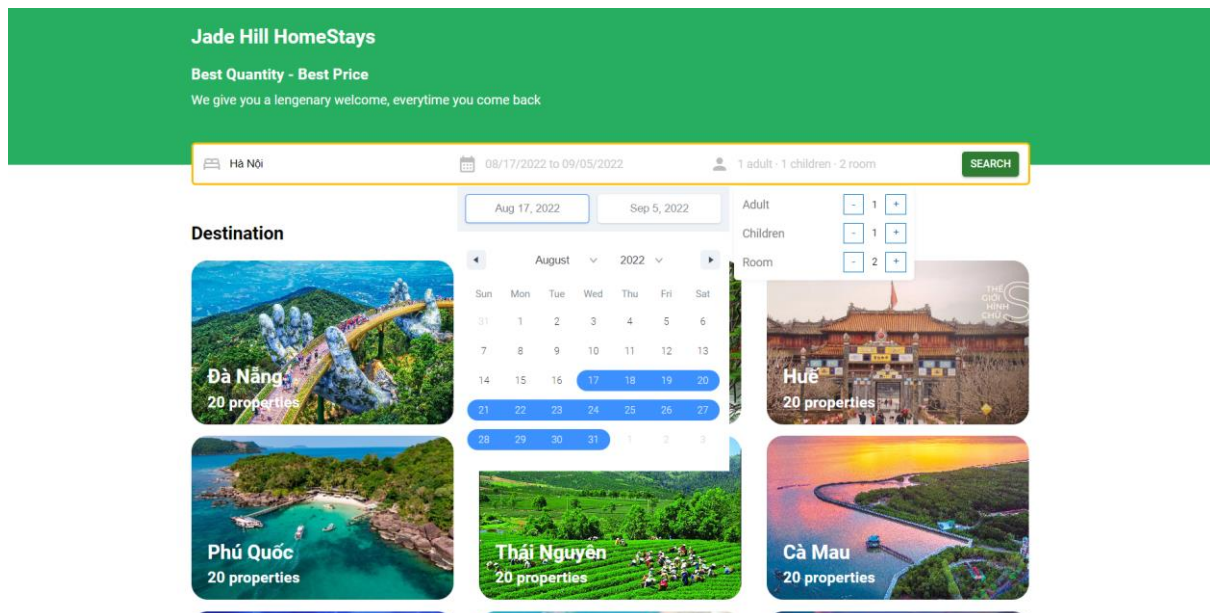
Step 3: Click "Search" button

Or customers can choose a destination in the below section

1.2.   Reserve room
Step 1: Select suitable room by clicking "See availability"

Step 2: Click "Reserve or Book Now"

Step 3: Fill in custome's information

Step 4: Click "confirm"

Step 5:
　　　+) If the room is available: Check email and enter the confirmation OTP code

Admin from Homestay <phonghv006@gmail.com>
tới tôi ▾

00:02 (0 phút trước)

Xin chân trọng thông báo, quý khách đã đặt dịch vụ homestay thành công vào thời gian 27-6-2022 17:2:32, Vui lòng chuẩn bị số tiền: 1000 $. Để xác thực thông tin. Hãy nhập mã xác nhận sau 9912

booking-app-rouge.vercel.app says
Order successfully!

OK

Enter your details

Fullname
Bui Thuan

Age
28

Gender
○ Female ● Male

Phone number
0834720052

Email
nauhtdz@gmail.com

Address
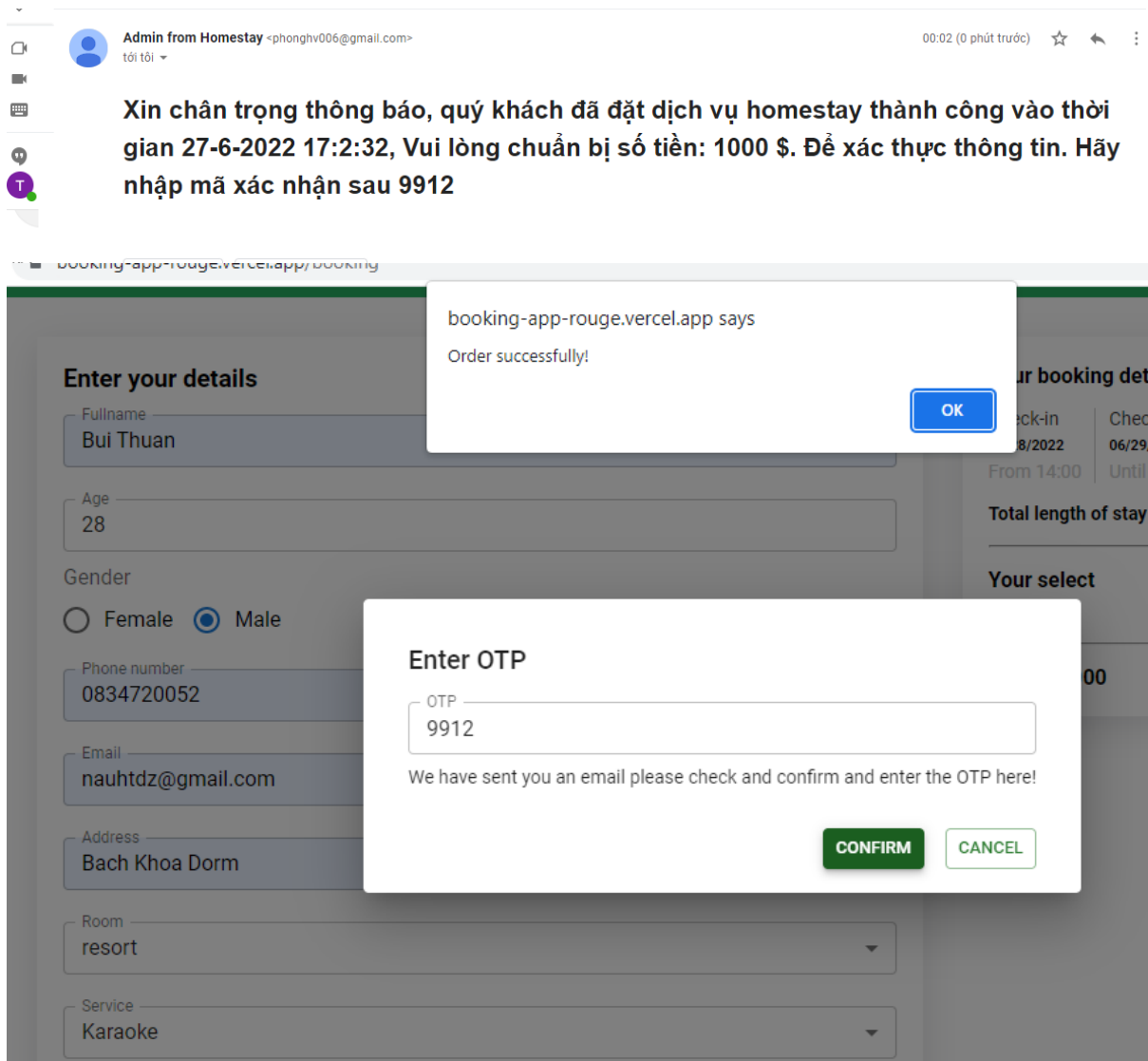Bach Khoa Dorm

Room
resort
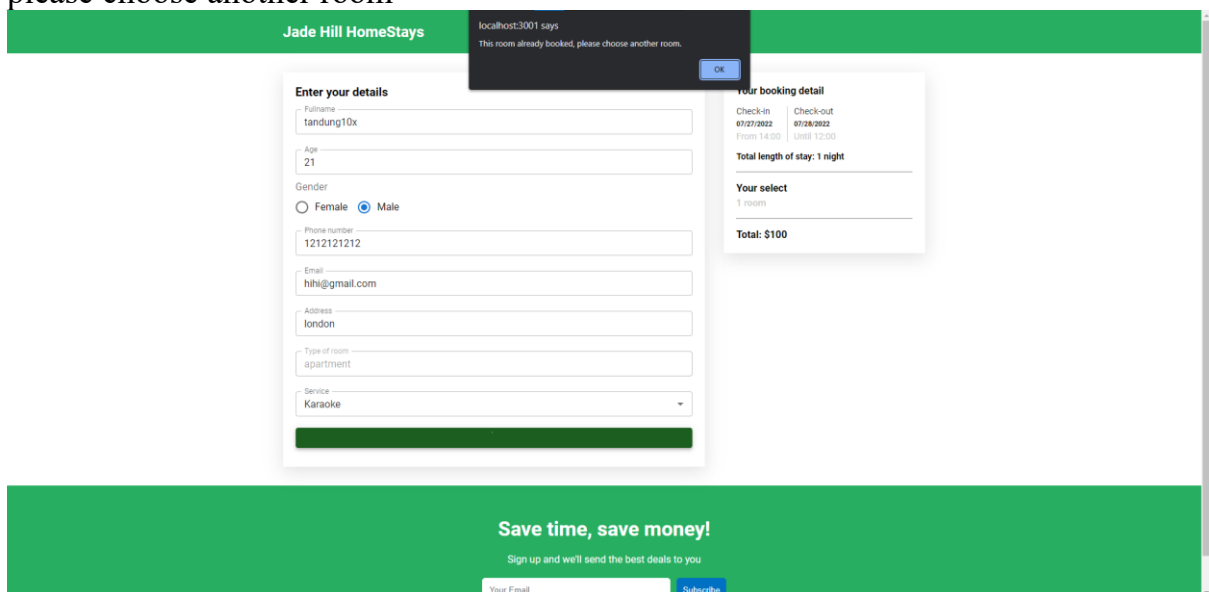
Service
Karaoke

Enter OTP

OTP
9912

We have sent you an email please check and confirm and enter the OTP here!

CONFIRM   CANCEL

+) If the homestay is not available, a popup says: "this room already booked, please choose another room"

2. Staff

2.1. Update Homestay

Step 1: Choose "Homestay" feature

Step 2: Select "view"

Step 3: Make changes by fill in data and then click "Update"

2.2. Update services

Step 1: Choose "Services" feature

Step 2: Select "view" to change or select "delete" or select "add new service"

3. Admin
3.1. Manage staffs
3.1.1. Change staff information
Step 1: Choose "Users" feature
Step 2: Click "View" of one user
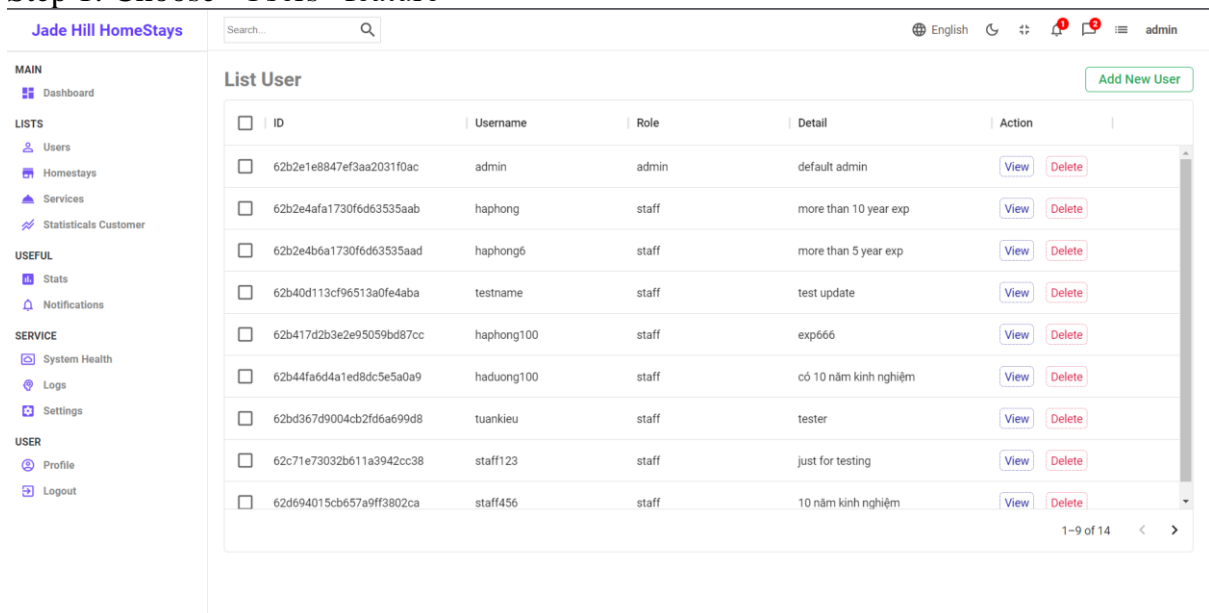Step 3: Make changes

Step 4: Cllick "Update".

3.1.2. Delete staff.

Step 1: Choose "Users" feature

Step 2: Click "Delete"

Step 3: Confirm
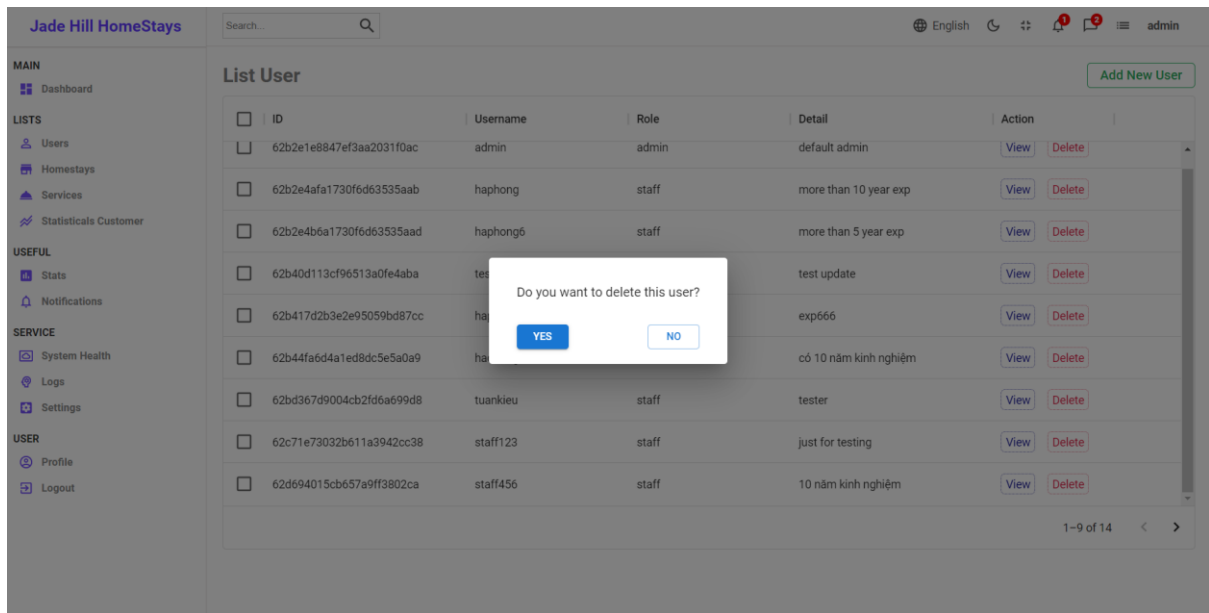
3.1.3. Add new staff

Step 1: Click "Add new User"

Step 2: Fill in data

Step 3: Click "CREATE USER"

3.2. Manage Homestays

3.2.1. Update room

Step 1: Choose "Homesatyss" feature

Step 2: Click "View"

Step 3: Make changes

Step 4: Click "Update" button

3.2.2. Delete room
Step 1: Click "Homestay" feature
Step 2: Click "Delete"
Step 3: Confirm delete
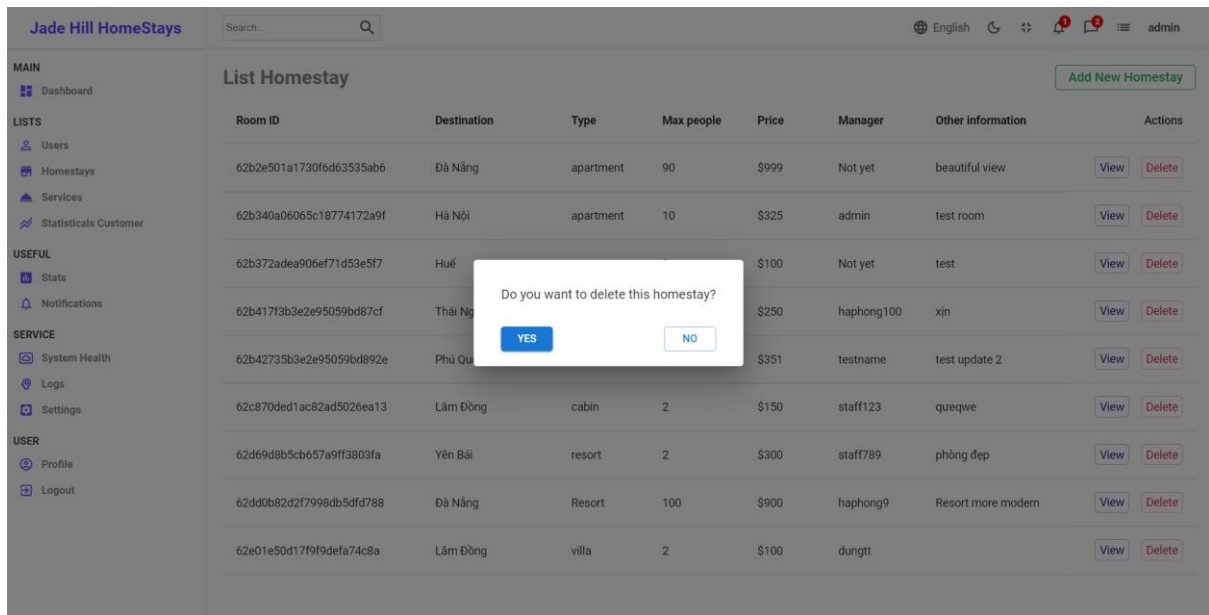
3.2.3. Add new room

Step 1: Choose "Homestayss" feature

Step 2: Click "Add new Homestay" button

Step 3: Fill in data

Step 4: Click "CREATE ROOM" button

3.2.4. Add new Destination

Step 1: Choose "Homestays" feature

Step 2: Click "Add new Homestay" button

Step 3: Select "Add new Location"

Step 4: Fill in data

Step 5: Click "CREATE LOCATION" button

3.3.   Manage services
3.3.1. Update services
Step 1: Choose "Services" feature
Step 2: Select "View" of one service
Step 3: Fill in data

Step 4: Click "Update"

3.3.2. Delete services
Step 1: Choose "Services" feature
Step 2: Click "Delete" of service that need to delete
Step 3: Confirm delete

3.3.3. Add new services
Step 1: Choose "Services" feature
Step 2: Select "Add new Service"
Step 3: Fill in data

3.4.   Revenue statistics
Select "Statisticals Customer", and then the order history and total revenue is displayed chronologically

List Customer

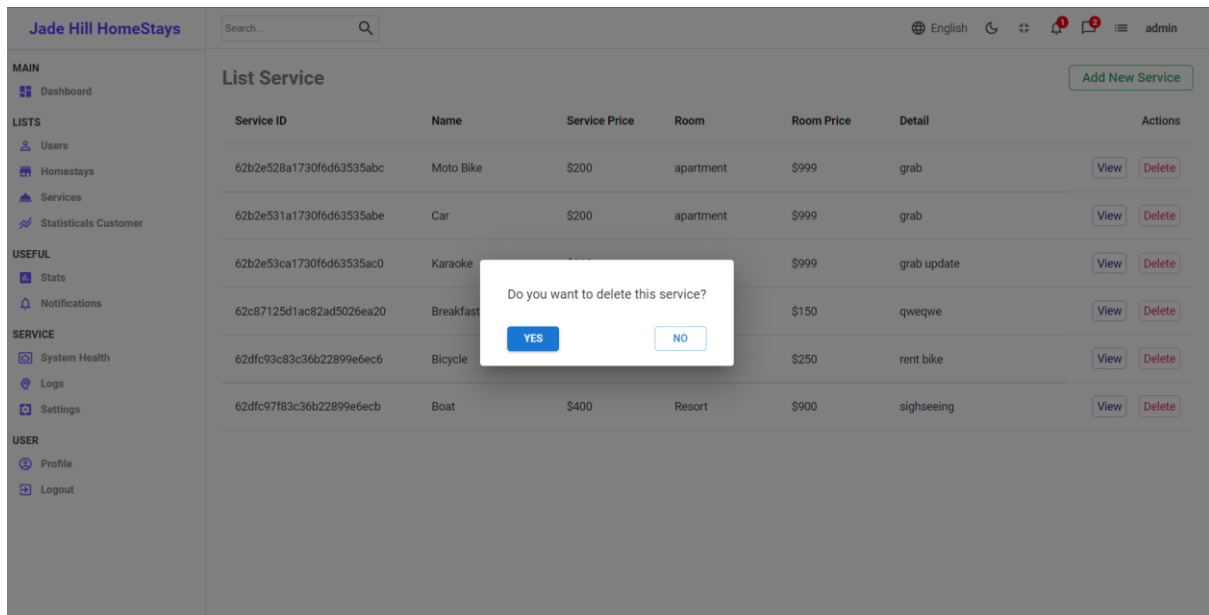|								
62c870ded1ac82ad5026ea13	Lâm Đồng	Bui Thuan	nauhtdz@gmail.com	0834720052	cabin	$150	Choose date	Choose date
62b417f3b3e2e95059bd87cf	Thái Nguyên	Bui Thuan	nauhtdz@gmail.com	0834720052	villa	$250	Choose date	Choose date
62b2e501a1730f6d63535ab6	Đà Nẵng	Ha Duong	tamkaja@gmail.com	09827774212	cabin	$101	2022-07-26	2022-07-27
62b417f3b3e2e95059bd87cf	Thái Nguyên	Bui Thuan	nauhtdz@gmail.com	0834720052	villa	$325	Choose date	Choose date
62b417f3b3e2e95059bd87cf	Thái Nguyên	Bui Thuan	nauhtdz@gmail.com	0834720052	villa	$325	Choose date	Choose date
62b2e501a1730f6d63535ab6	Đà Nẵng	min	soiceufazoippe-7229@yopmail.com	0245112451	cabin	$999	Choose date	Choose date
62b340a06065c18774172a9f	Hà Nội	min	soiceufazoippe-7229@yopmail.com	0245112451	apartment	$650	2022-07-24	2022-07-26
62d69d8b5cb657a9ff3803fa	Yên Bái	Bui Thuan	nauhtdz@gmail.com	0834720052	hotel	$300	2022-07-25	Choose date
62d69d8b5cb657a9ff3803fa	Yên Bái	Dinh Huu Dai	dai.dh2k1@gmail.com	0366422438	hotel	$300	Choose date	Choose date
62b2e501a1730f6d63535ab6	Đà Nẵng	Tran Tan Dung	tandung10x1998@gmail.com	0347454123	cabin	$999	Choose date	Choose date
62b372adea906ef71d53e5f7	Huế	dungtt	dung.tt194746@sis.hust.edu.vn	1234567890	apartment	$300	2022-07-27	2022-07-30

Total revenue: $11725

Admin can modify time come and leave of all orders by clicking on the date:

Time come	Time leave
2022-07-25	2022-07-28
2022-07-25	2022-07-29
2022-07-24	26-Jul-202