

PROJECT ON

Kaner travel website

Developed by

Member:

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✓ Class no : C1908I3
 ✓ Start date : 13/6/2021
 ✓ End date : 13/7/2021

✓ $Name\ of\ the\ Coordinator$: Phan Huu Tri

✓ *Date of Submission*: 10/7/2021

SYSTEM ANALYSIS

System Summary:

- 1. Subject: Kanertravel website
- 2. Require functions:

User rights

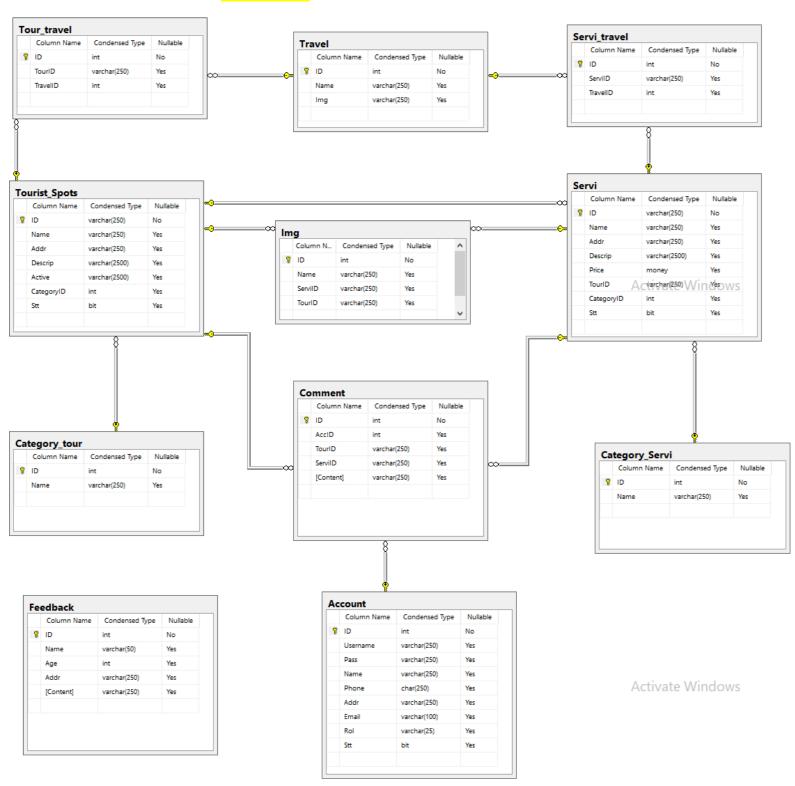
- * Register & login, change personal information (check the user exists or not).
- ❖ Provides information on tourist attractions in the country along with accommodation, hotels, resort and related means of transportation
- ❖ The website contains a menu through which different topics can be accessed easily
- ❖ The About Us page should include detailed information about the company, also include details the website provides: number of users, number of resorts & number of hotels and restaurants along with transportation .
- ❖ The information page provides full information on: address, type of description and accompanying activities, also has more details about hotels, restaurants & resorts, various transportation related
- Allow users to comment at detail of tourist spots & restaurants, hotels, resorts
- ❖ The search page can perform search of different tourist attractions, search by names, addresses, descriptions of tourist attractions, etc... also allows to search for hotels, restaurants & resorts through name, address, price, quality or quantity, etc...
- ❖ The contact us Page is the page where the customer can contact the company and this page include the feedback, which will collect the feedback from the various users of the website.

Admin rights:

- * Register & login, change personal information.
- ❖ The admin page has a menu through which different topics can be accessed easily
- ❖ Display data as a table for easy management by administrators
- ❖ Allows administrators to add, delete, and edit information in different tables along with related datas (with foreign key constraints)
- ❖ Receive and manage comments and feedback from users, allow delete comments & negative feedback

CLASS DIAGRAM

Database name: Tour_travel



DATABASE DESIGN

Database Name: Tour_travel

Number of tables: 11

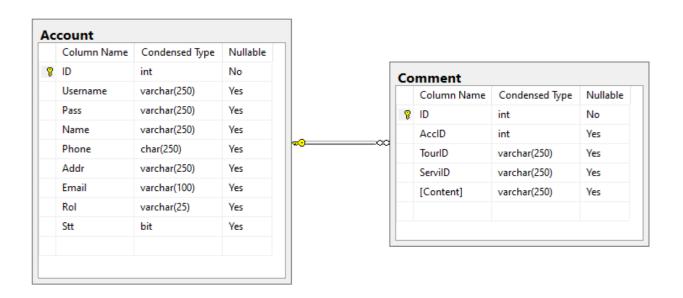
Tables Names:

1. Tourist spots

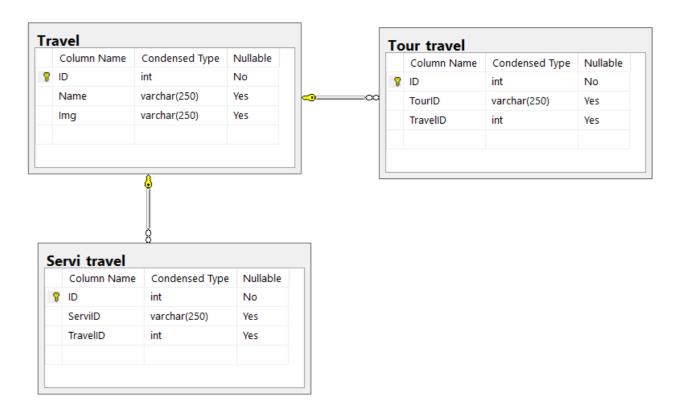
- 2. Servi (Resort service like hotel, restaurant and resort)
- 3. Travel (Various transportation)
- 4. Account (User & admin)
- 5. Comment
- 6. Tour travel
- 7. Servi travel
- 8. Category tour
- 9. Category servi
- 10. Img (Images of tourist spots and servi)
- 11. Feedback

Schematic Diagram Of Database:

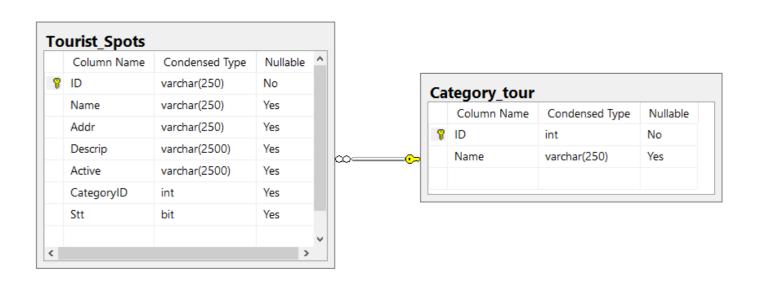
1. Account



2. Travel

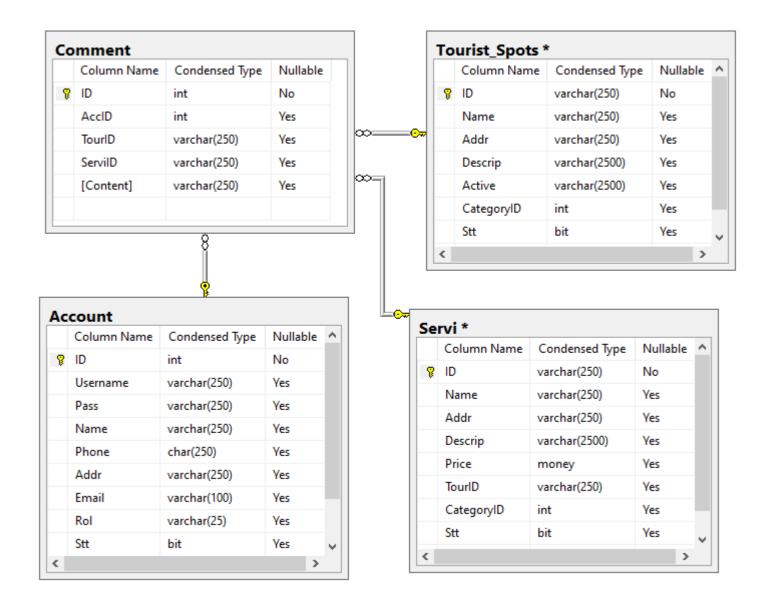


3. Category servi

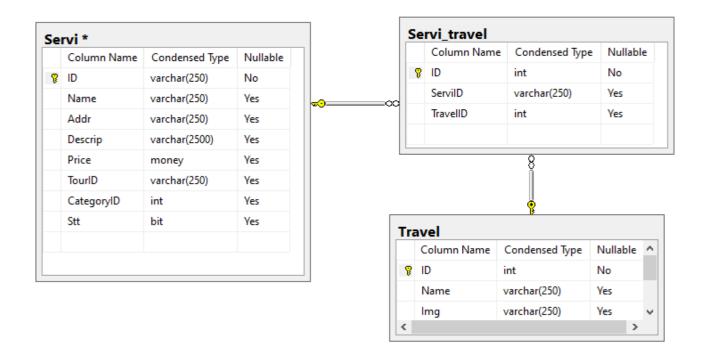


4. Category tour

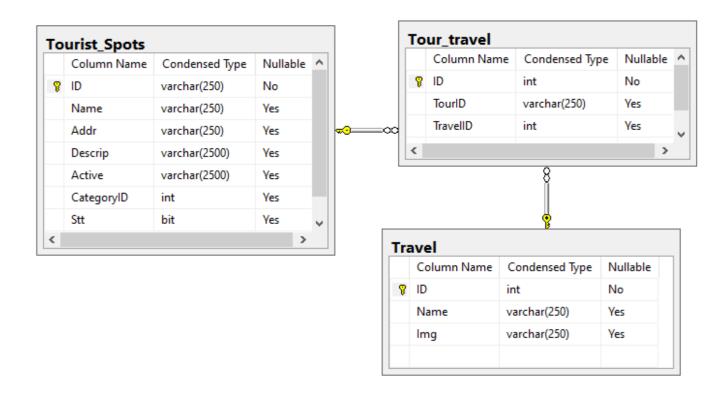
5. Comment



6. Servi travel



7. Tour travel



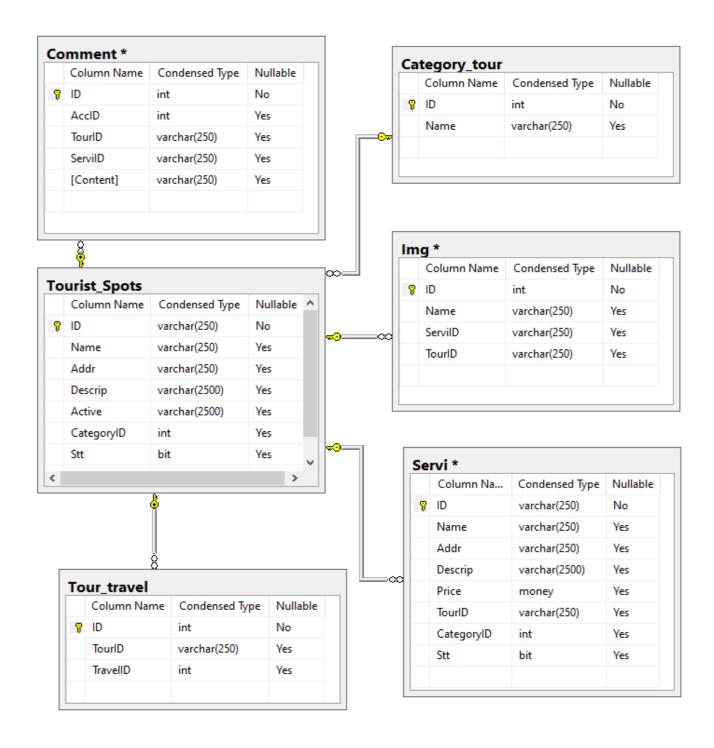
8. Img (image)



9. Feedback

	Column Name	Data Type	Allow Nulls
P	ID	int	
	Name	varchar(50)	\checkmark
	Age	int	\checkmark
	Addr	varchar(250)	\checkmark
	[Content]	varchar(250)	\checkmark

10.Tourist spots



11.Servi

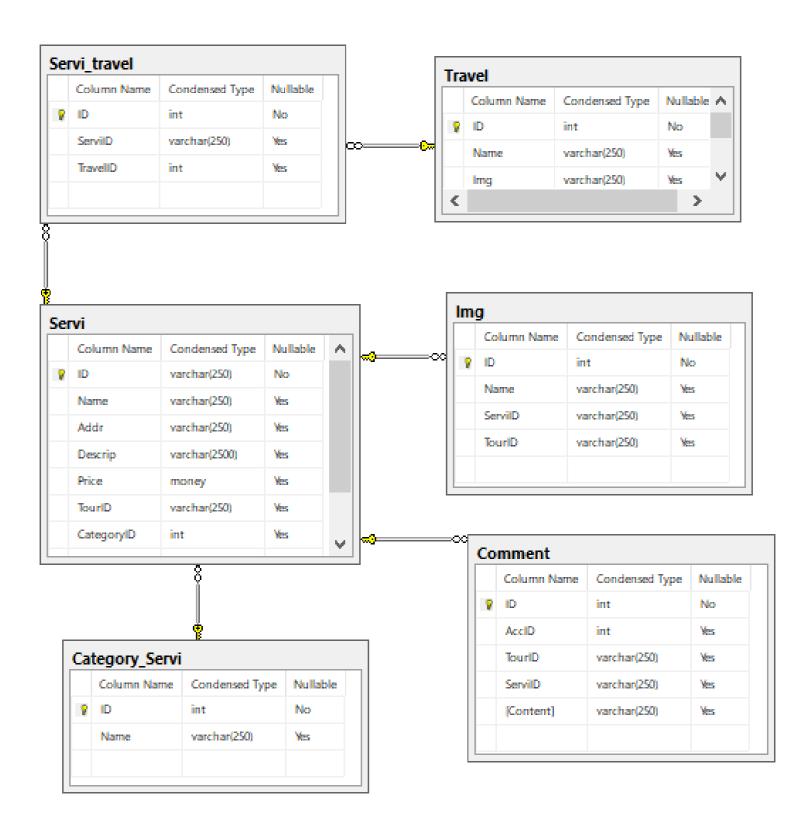


TABLE DESIGN

Database Name: Travel_tour
Name Table 1: Account

Data type	Width	Description
int	n	Id of Account
varchar	250	Username of Account
varchar	250	Pass of Account
varchar	250	Name of the Employee
char	250	Phone of the Employee
varchar	250	Address of the Employee
varchar	250	Email of the Employee
varchar	25	Role of the Employee
bit		Status of Account (active or no acctive)
	int varchar varchar varchar char varchar varchar varchar varchar	int n varchar 250 varchar 250 varchar 250 char 250 varchar 250 varchar 250 varchar 250 varchar 250 varchar 250

Name Table 2: Category_Servi

Field Name	Data type	Width	Description
Id	int	n	Id of Category_Service
Name	varchar	250	Name of Category_Service

Name Table 3: Category_Tour

Field Name	Data type	Width	Description
ID	int	n	Id of Category_Tour
Name	varchar	250	Name of Category_Tour

Name Table 4: Comment

Field Name	Data type	Width	Description
ID	int	n	Id of Category_Tour
AccID	int		Id of Account
TourID	varchar	250	Id of Tourist_Spot
ServiID	varchar	250	Id of Service
[Content]	varchar	250	Content of Tourist or Service
			(Employee write)

Name Table 5: Feedback

Field Name	Data type	Width	Description
ID	int	n	Id of the Employee
Name	varchar	250	Name of the Employee
Age	int		Age of the Employee
Addr	varchar	250	Address of the Employee
[Content]	varchar	250	Content of Employee write

Name Table 6: Img

Field Name	Data type	Width	Description
ID	int	n	Id of Image
Name	varchar	250	Name of Image
ServiID	varchar	250	Id of Service
TourID	varchar	250	Id of Tourist_Spot

Name Table 7: Servi

Field Name	Data type	Width	Description
ID	varchar	250	Id of Service
Name	varchar	250	Name of Service
Addr	varchar	250	Address of Service
Descrip	varchar	2500	Descrip of Service
Price	money		Price of Service
TouriID	varchar	250	Id of Tourist_Spot
CategoryID	int		Id of Category_Servi , Category_Tour
Stt	Bit		Status of Service (active or no active)

Name Table 8: Servi_Travel

Field Name	Data type	Width	Description
ID	int	n	Id of Servi_Travel
ServiID	varchar	250	Id of Service
TravelID	int		Id of Travel

Name Table 9: Tour_Travel

Field Name	Data type	Width	Description
ID	int	n	Id of Tour_Travel
TourID	varchar	250	Id of Tourist_Spot
TravelID	int		Id of Travel

Name Table 10: Tourist_Spot

Field Name	Data type	Width	Description
ID	varchar	250	Id of Tourist_Spot
Name	varchar	250	Name of Tourist_Spot
Addr	varchar	250	Address of Tourist_Spot
Descrip	varchar	2500	Descrip of Tourist_Spot
Active	varchar	2500	Active of Tourist_Spot
CategoryID	int	n	Id of Category_Servi , Category_Tour
Stt	Bit		Status of Tourist_Spot (active or no active)

Name Table 11: Travel

Field Name	Data type	Width	Description
ID	int	n	Id of Travel
TourID	varchar	250	Id of Tourist_Spot
Img	Varchar	250	Image of Travel

VALIDATIONS PERFORMED

Database Name: Travel_tour

Account:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Username, Pass, Name, Phone,	NOT NULL clause in the CREATE TABLE
Addr, Rol	Statement
Email	Verify for @ keyword in the value entered by
	the
Stt	If stt is null, the default returns true

Category_Servi:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name	NOT NULL clause in the CREATE TABLE
	Statement

Category_tour:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name	NOT NULL clause in the CREATE TABLE
	Statement

Comment:

Validation Required	Method Used For Validation
ID must be uinque	Primary key constraint
AccID, TourID, ServiID, Content	NOT NULL clause in the CREATE TABLE
	Statement

Feedback:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name, Age, Addr, Content	NOT NULL clause in the CREATE TABLE
	Statement

Img:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name, ServiID, TourID	NOT NULL clause in the CREATE TABLE
	Statement

Servi:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name, Addr, Descrip, Perice,	NOT NULL clause in the CREATE TABLE
TourID, CategoryID	Statement
Stt	If stt is null, the default returns true

Servi_travel:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
ServiID, TravelID	NOT NULL clause in the CREATE TABLE
	Statement

Tour_travel:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
TourID, TravelID	NOT NULL clause in the CREATE TABLE
	Statement

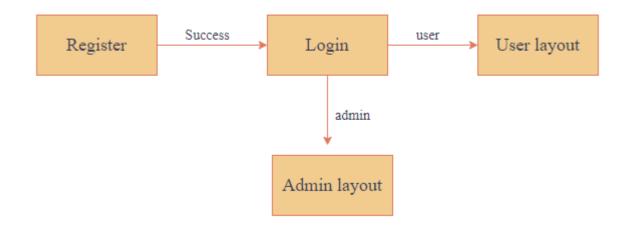
Tourist_Spots:

Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name, Addr, Descrip, Active,	NOT NULL clause in the CREATE TABLE
CategoryID	Statement
Stt	If stt is null, the default returns true

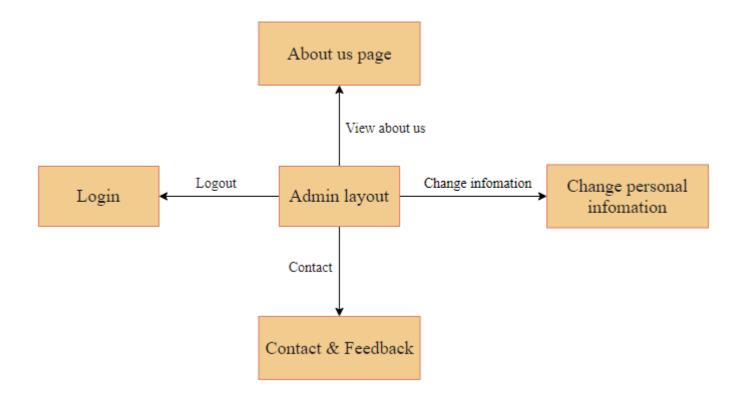
Travel:

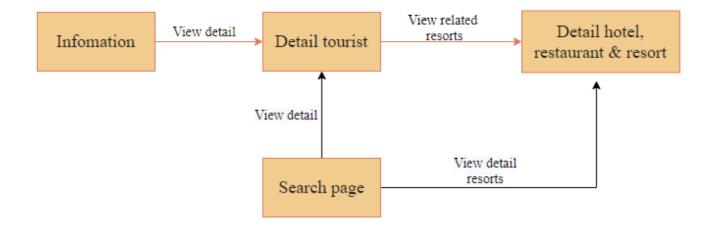
Validation Required	Method Used For Validation
ID must be unique	Primary key constraint
Name, Img	NOT NULL clause in the CREATE TABLE
	Statement

DATA FLOW DIAGRAM

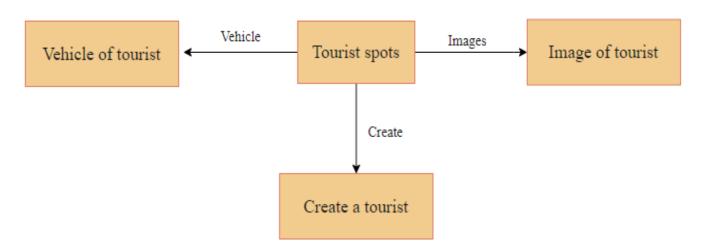


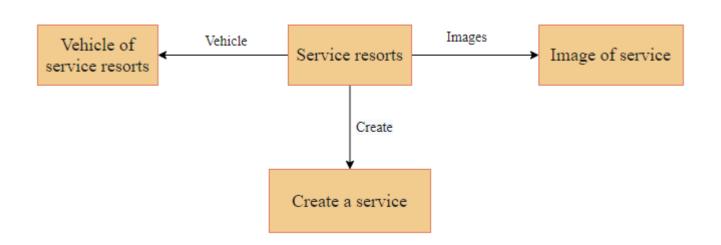
User





Admin





(WEB/WINDOWS) FORMS OUTLINE

Form Home of User



The website contains a menu through which different topics can be accessed easily

- -About us page
- -Information page
- -Search page: +Tourist Spots

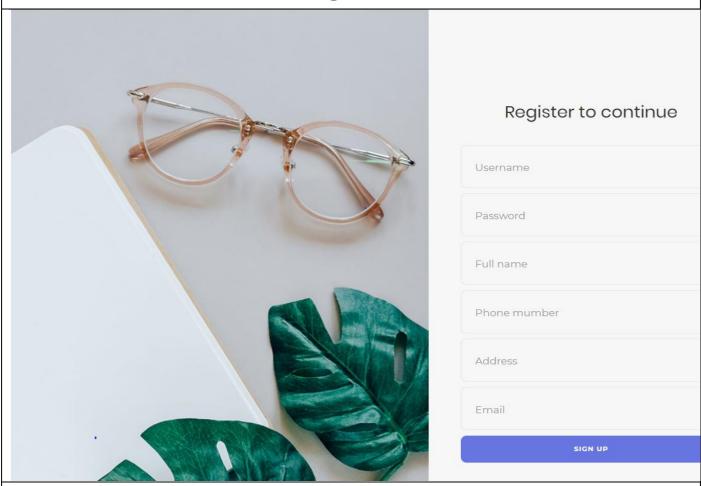
+Rest Service

- Account: + Register

+Login

-Contac Us

Form Register of User



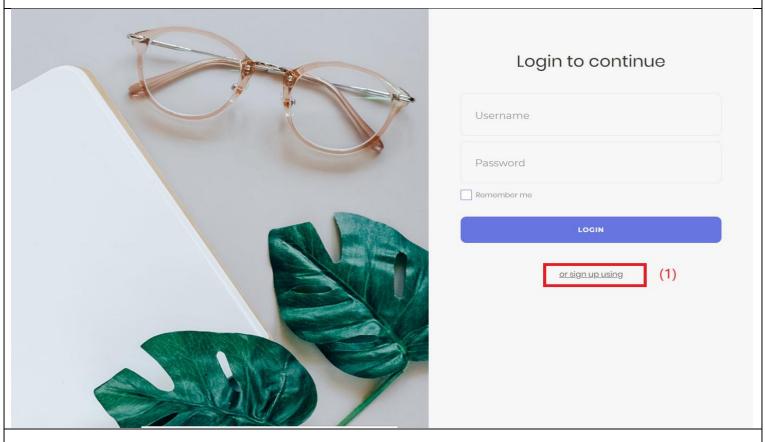
Fill all item to Register an Account.

The email object must have the format "abc@gmail.com".

Check user name exists or not.

After successful registration, you will be redirected to the login page.

Form Login of User



Enter your username and password to login to the site.

If you do not have an account, you can click "or sign up using"(1) to return to the registration page.

Form About Us of User

About Us Home / About Us



Kanel Travels - Established with the desire to bring people to know the most worthwhile travel destinations.

As the unifying voice of the industry, Kanel Travels prioritizes the issues that are most impactful and important to our collective membership. We not only identify the industry's biggest opportunities and challenges, but also develop messages and actions to generate positive growth. We advocate policies that will advance and enhance our industry at the national level, engaging our members with the tools, research and resources needed to impact change, at the state and local levels.

8 6 17
Clients Tourist spot Services Of Tourist spot

About Kanel Travels and the Kanel Travels website.

Can display the number of Clients, Tourist spot provided by the website.

Form Information of User

Tourist Spots

Home / Infomation

Tourist spots

Jobs fill your pocket, adventures fill your soul. You can go anywhere, if you want.



Ba Na Hill

Ba Na Hills is located in Hoa Vang district, about 25km southwest of Da Nang city center, at an altitude of 1487m above sea level. This is considered a European-class resort paradise in the heart of Da Nang city, every year, Ba Na Hills attracts millions of domestic and foreign tourists to visit. The weather and climate here change constantly, rainy in the morning, sunny in the afternoon, foggy in the afternoon. Therefore, you need to pay attention to the weather forecast before going to have a full day of fun in Ba Na Hills! Ba Na Hills tourism activities

View detail

(1)



Ho May

About 100 kilometers east of Saigon, Ho May is considered the most comprehensive and famous tourist complex in the coastal city of Vung Tau. Located at an altitude of more than 210m on Big Mountain, Ho May tourist area has a mild, fresh, cool climate all year round. From here, you can see a multi-faceted Vung Tau, with the beauty of a blend of rich mountains and a bustling city. In order to meet the diverse

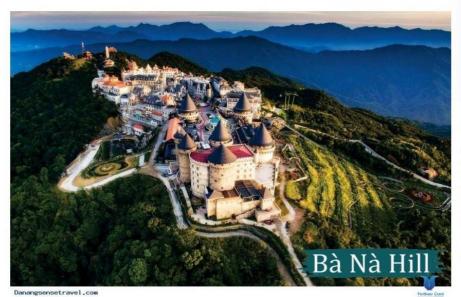
Displays summary information of available tourist attractions across the country.

Click on "View detail"(1) to see detailed information about that resort.

Form Detail Tourist spot of User

Tourist Details

Home / Tourist detail



Ba Na Hill information

Address: Hoa Ninh commune, Hoa Vang district, about 25km southwest of Da Nang city center

Category: Historical sites

Description

Ba Na Hills is located in Hoa Vang district, about 25km southwest of Da Nang city center, at an altitude of 1487m above sea level. This is considered a European-class resort paradise in the heart of Da Nang city, every year, Ba Na Hills attracts millions of domestic and foreign tourists to visit. The weather and climate here change constantly, rainy in the morning, sunny in the afternoon, foggy in the afternoon. Therefore, you need to pay attention to the weather forecast before going to have a full day of fun in Ba Na Hills! Ba Na Hills tourism activities

0.00000000000

Actives in tourist spot

Miniature French & European Village: French Village is the last stop of the cable car journey, located on the top of Chua mountain. This area is designed according to ancient European architecture, like the dreamy Paris city of France, with soaring tower tops, peaceful castles. You dont have to go to Europe when you can go to the French Village in Ba Na Hills to feel the splendor and magnificence of ancient castles, a very European beauty in the heart of Da Nang. Cau Vang: At the stop of Bordeaux Station is the Golden Bridge - the symbol of Ba Na Hills. The Golden Bridge at Ba Na Hills is one of the 100 best destinations in the world Coming to Ba Na Hills, everyone will definitely want to check-in with this "legendary" virtual living symbol, so you should come here early in the morning, or in the afternoon to avoid the situation of having to crowded to take pictures. Please! Linh Ung Temple: The temple is located in the Ba Na Hills tourist area, which is one of the ideal places to hunt clouds in the area. Linh Ung Pagoda in Ba Na Hills together with Linh Ung Pagoda in Ngu Hanh Son Mountain and at Bai But Son Tra are located in three positions to create a three-legged stand for Da Nang. Linh Ung Pagoda is located on a land with beautiful, sacred and poetic terrain at an altitude of 1,500m above sea level, and on the premises is a statue of Buddha Shakyamuni Buddha. Wine Festival: At the Wine Festival held in the fall, you will be directly involved in the production of wine - the famous wine of France. One of the most loved and anticipated traditional activities at European wine festivals is the La Batalla del Vino ceremony. This ritual will be faithfully recreated at Ba Na Hills, helping you better understand the famous French drink. Fantasy Park: As the largest amusement park in Vietnam, Fantasy Park is suitable for all ages. The amusement park has more than 100 games with different levels, waiting for you to explore In particular, in Fantasy Park there is an interesting place called "Back to Jurassic", which b

Related vehicles



Car









Restaurant and Hotel

Where you can rest



Mercure Danang French Village



TRUONG CHAU HOT More Details



La Crique Restaurant & Cafe Postal



Buffet restaurant La Lavande

Comment

Your comment...

Go!

Tan Le: Ba na hill verry beautifull

Son Binh: good

Thanh Dat: verry good

Duc Huynh: Helo

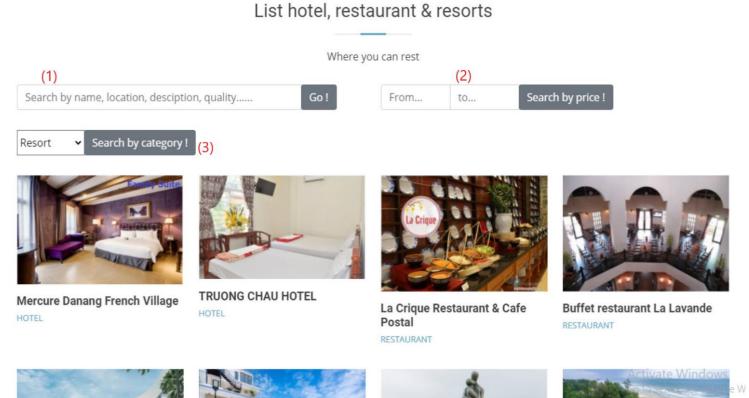
Show detailed information about attractions including: Name, Address, Category, Activities, Description and Related Transportation, restaurants, hotels, resorts nearby.

When the user wants to see detailed information about the resort hotel restaurant, then click more detail (at the point where the mouse pointer is standing) to see the hotel restaurant details.

Allow Comments at each tourist destination for users with an Account.

Form Search Tourist spots of User





- Can search by name, add, descip, active, when "Go!" button is pressed!. (1)
- search by type when selecting the type on the button "search by category". (2)
- Search by resort price from min to max. (3)

Form Feedback of User Contact Home / Contact 0 Feedback Your Name Your Address **Our Address** 212 - 214 Nguyen Dinh Chieu, Ward 6, District 3, Ho Chi Minh City Your Age Message Email Us Call Us karneltravels@gmail.com Hotline: 1800 1141 Phone: +84 972 327 613 Techcombank Sài Gòn 212 Nguyễn Đình Chiểu 212 Nguyễn Đình Chiếu, Phường 6, Quận 3, Thành phố Hồ Chí Minh Bệnh viện Nhi Đồng 2 UBND Quận 1 @

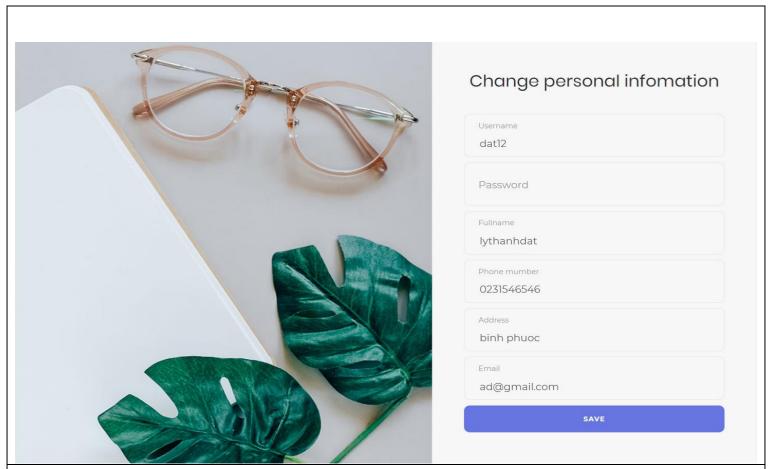
This is the contact page where users can contact the company.

There is a feedback form so users can give feedback to the company.

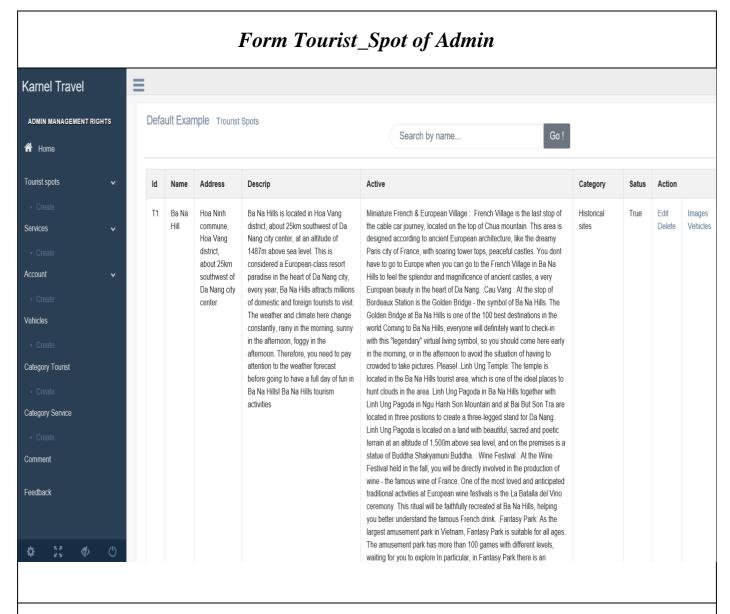
Form Change personal information of User



When the user logs in, the account on the menu bar displays the item to change personal information, click on it to go to the form to change personal information.



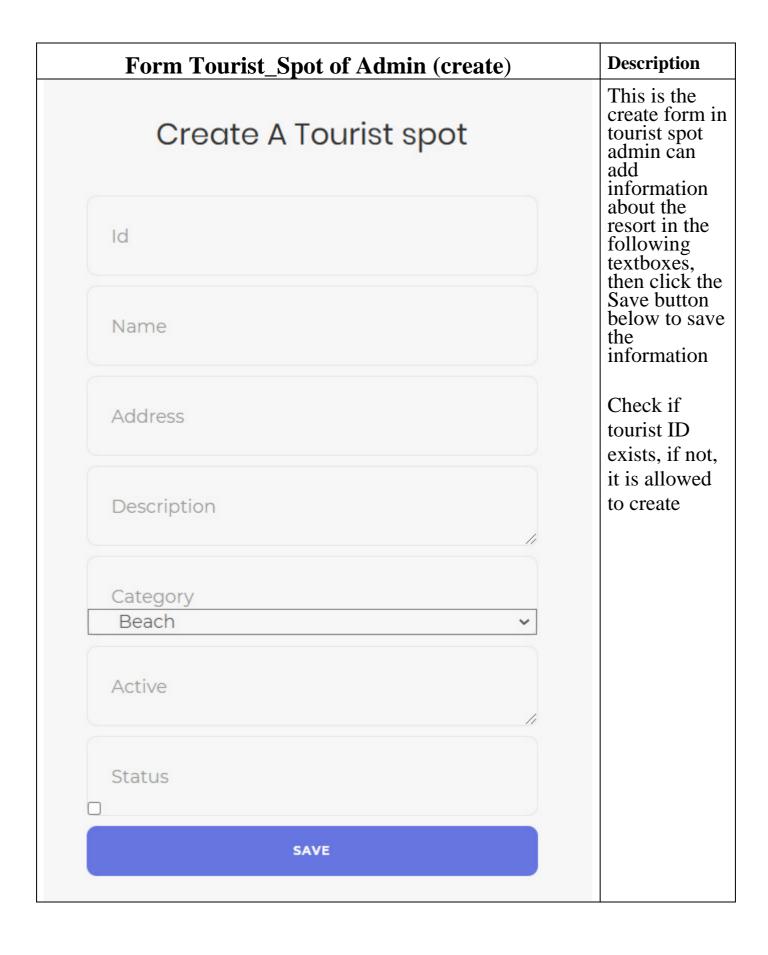
Change the information you want and then click "Save" to change the information

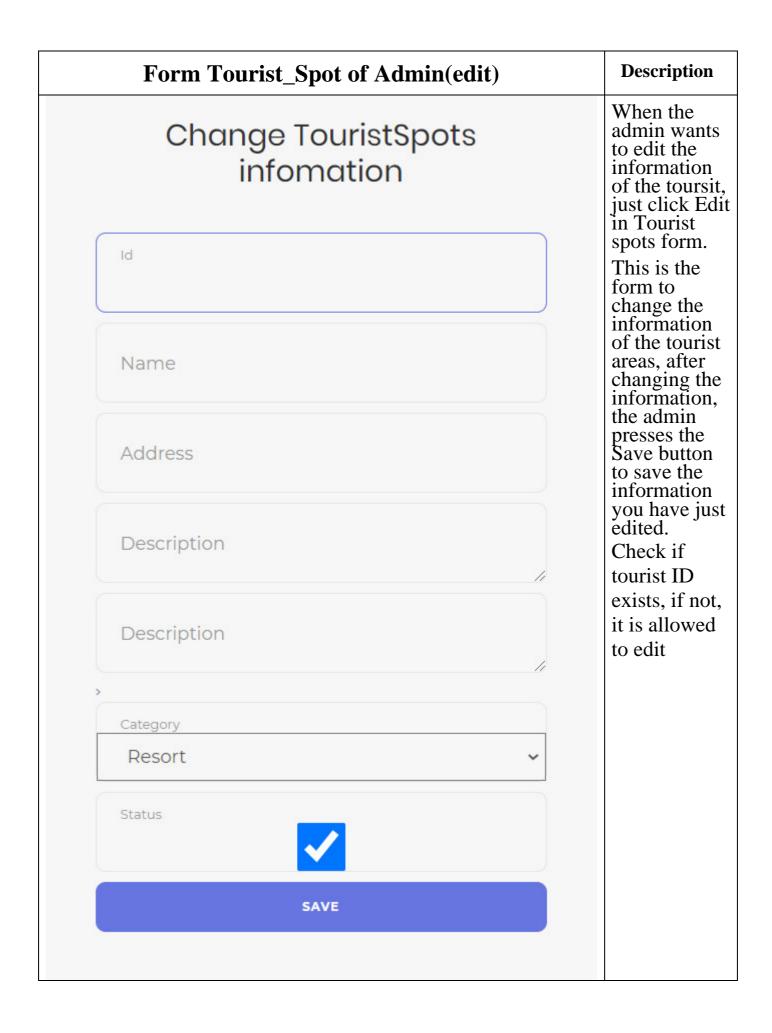


Description:

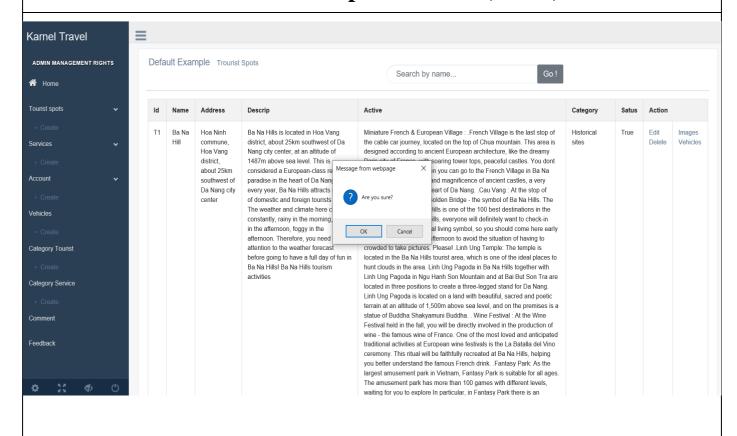
This is the tourist_spot page that has shown information of existing tourist sites in tabular form, admin can add tourist areas by selecting Create under Touris spots

Allows admin to delete & edit tourist spots information as well as links to tourist's vehicle and image pages



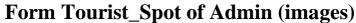


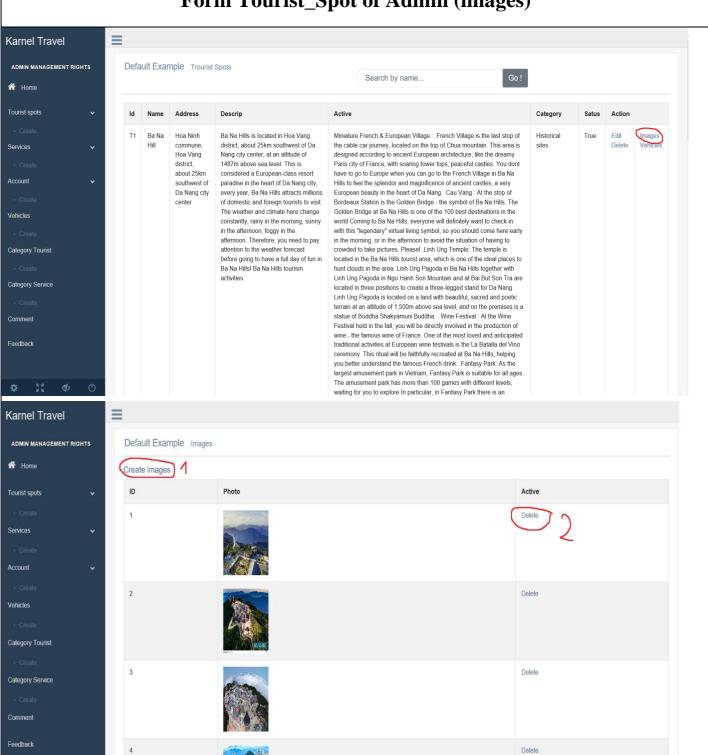
Form Tourist_Spot of Admin(delete)

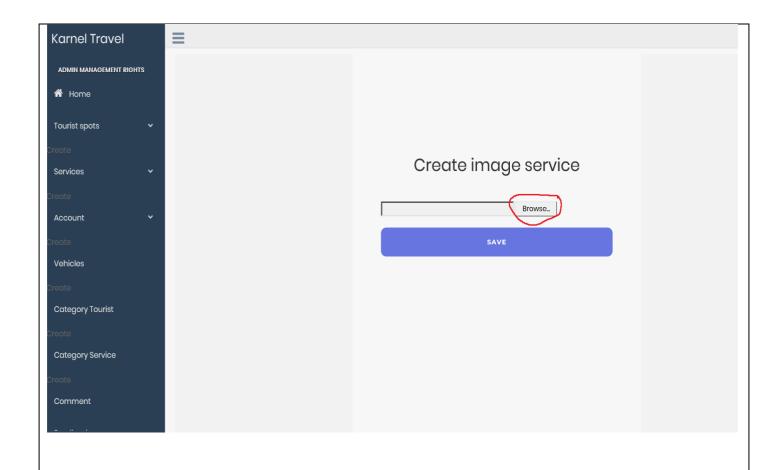


Description:

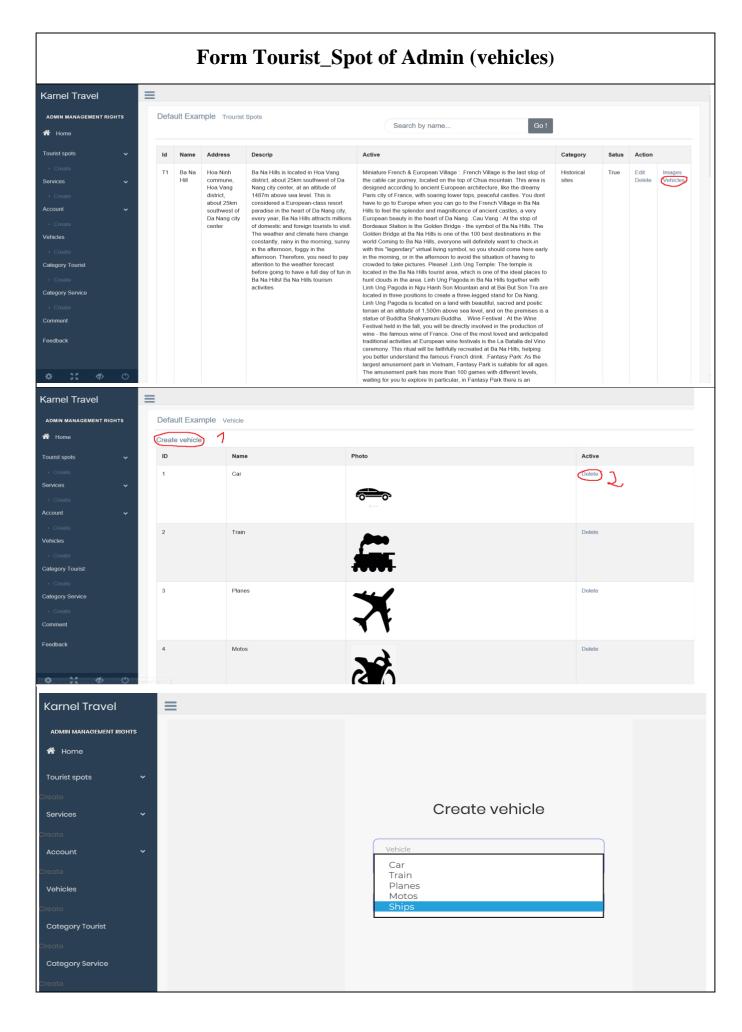
When the admin wants to delete a tourist spots in the table, just click on the word Delete below the word Edit, then the table will appear, be sure to click ok to delete if you don't want to delete anymore, you can press cacel.



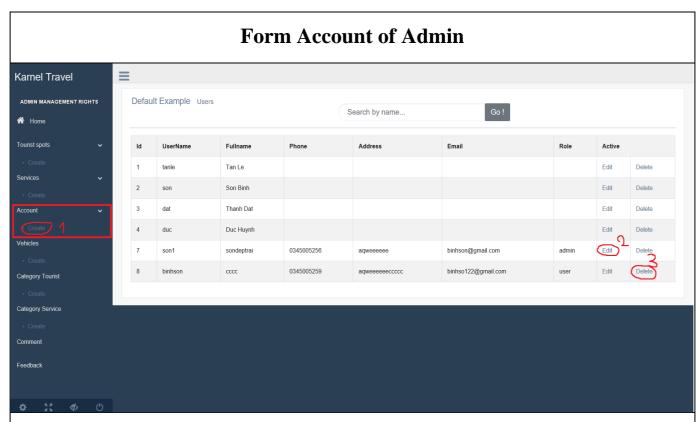




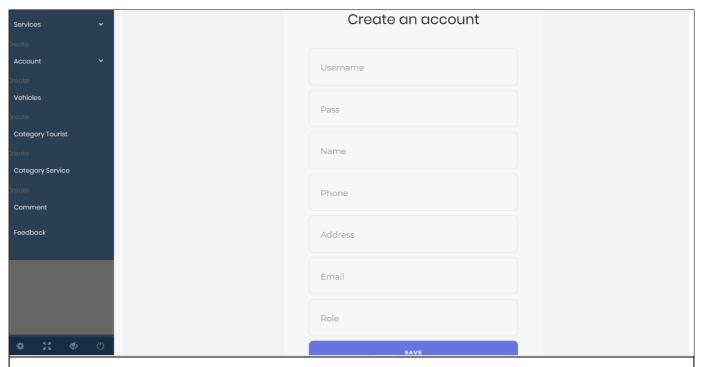
When the admin wants to add a photo for that resort, just click on the word Images, then the image form that the resort currently has, then click on the word Create Images(1) above, then the form to add photos will appear. Click Browse.. to select the image you want to add, when you want to delete a certain photo, just click the Delete(2) button to delete the image



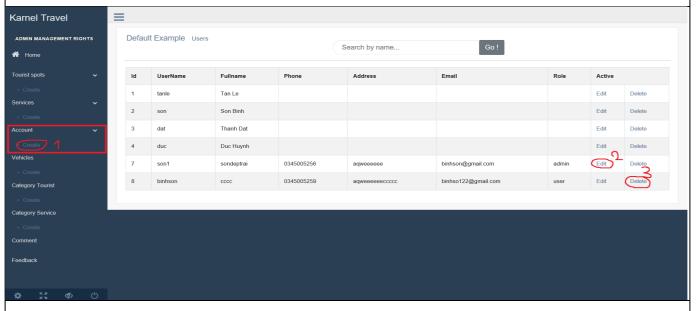
When the admin wants to add vehicles to the tourist spot, just click on Vehicles , then a table of available vehicles will be displayed in that resort, then click Create Vehicle(1) to add vehicles, then Then add the vehicle you want, if you want to delete the vehicle in that resort, just choose Delete(2)



When you choose Account, you will see a table of all accounts registered to use on the website, when the admin wants to create an account, just click Create(1)

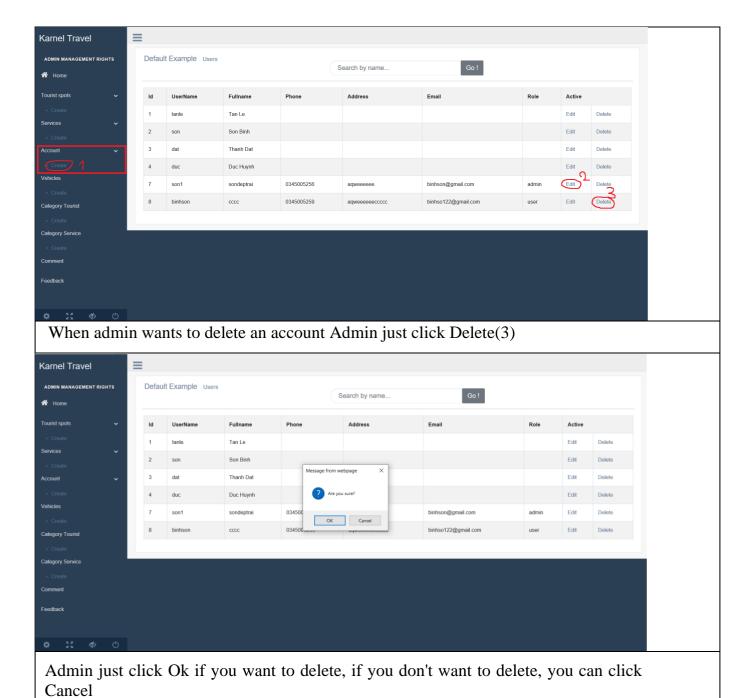


After clicking Create(1), the account creation interface will appear, admin just need to fill in all the information and click Save to save the newly created account.

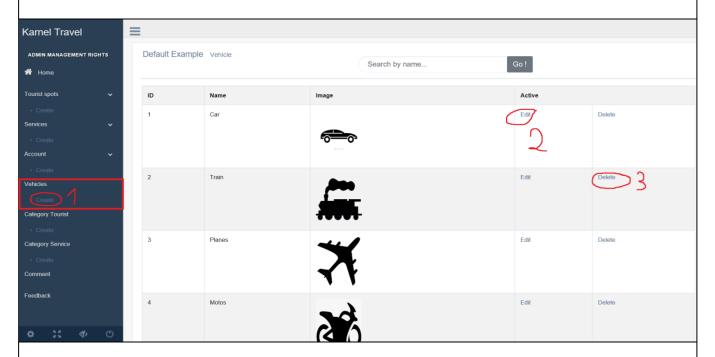


When the admin wants to change the account information, click Edit (2)

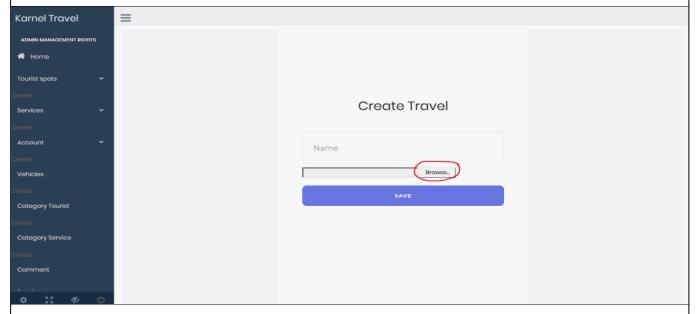
After clicking Edit (2), a form to change admin account information will appear, just change the information you want, then click the Save button to save the information.



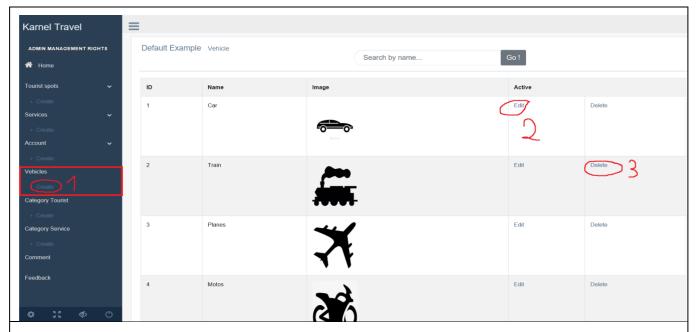
Form Vehicles of Admin



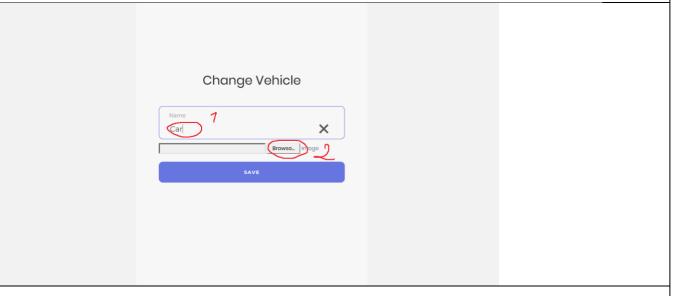
When admin selects Vehicles, he will see information about existing vehicles in tabular format, when admin wants to add another vehicle, just select Create(1)



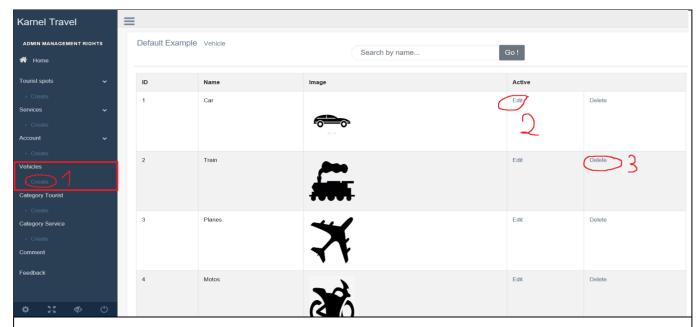
After selecting Create(1), a form will appear to add media, then select the media by selecting Browse.. then name the media.



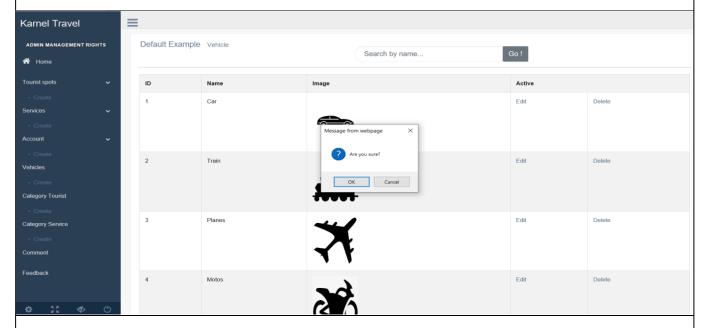
when admin want to change media information just select Edit(2) to change



After clicking Edit(2), a form to change media information will appear. Just select browse.. choose another media and change the media name.

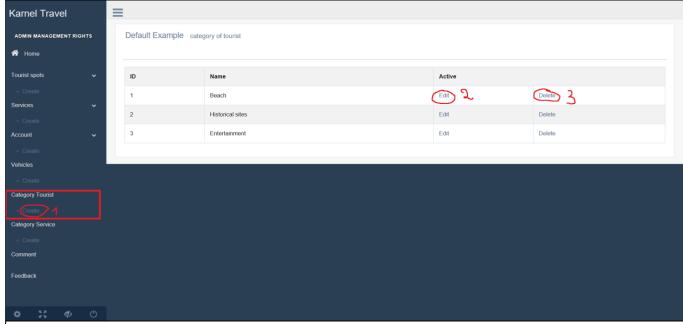


When you want to delete a certain media, just press the Delete button (3)

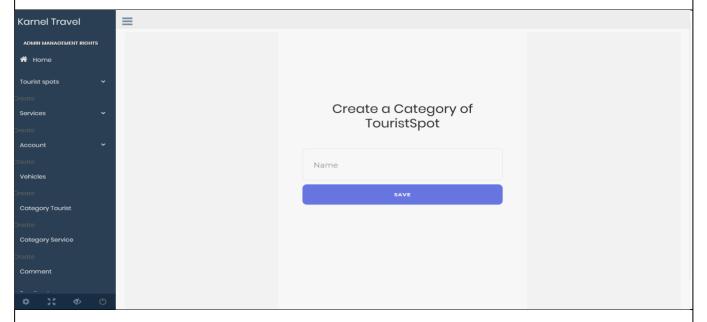


If you want to delete, click OK, if you can't, click Cancel

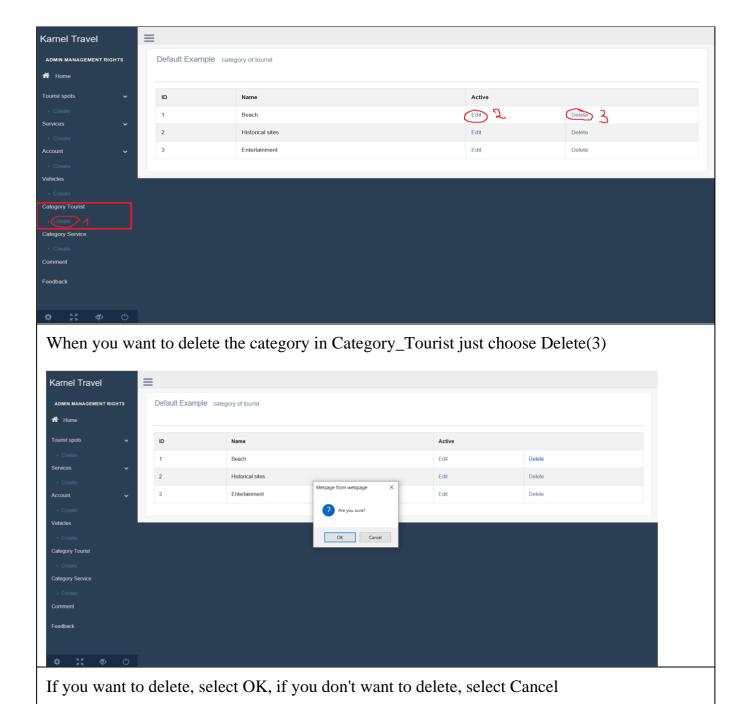
Form Category_Tourist of Admin

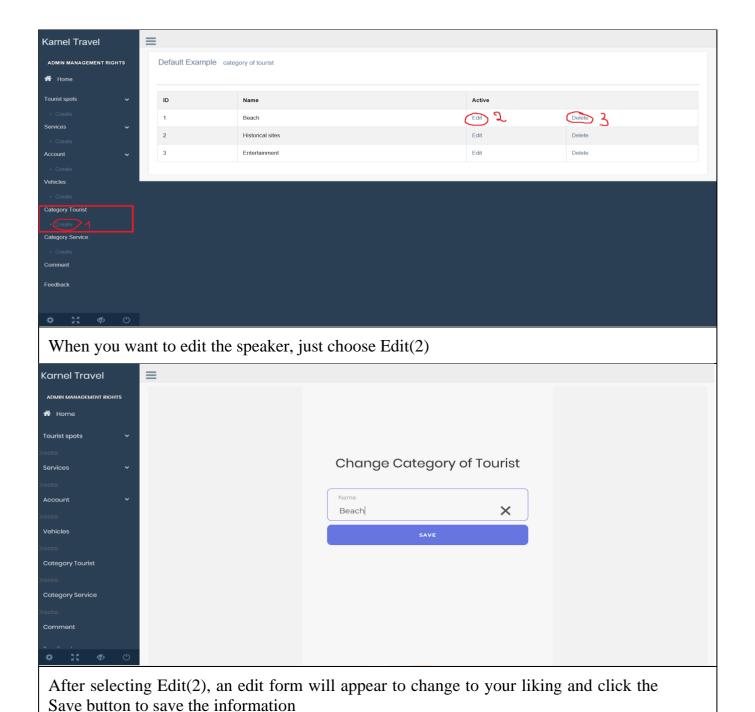


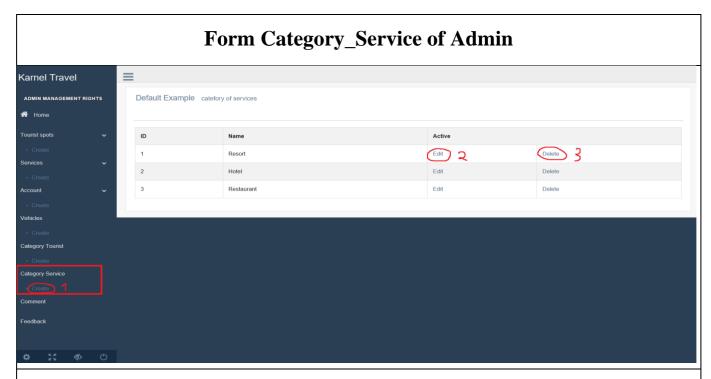
After admin selects Category_tourist, you will see the categories in that resort in tabular form, when admin wants to add categories just choose Create(1)



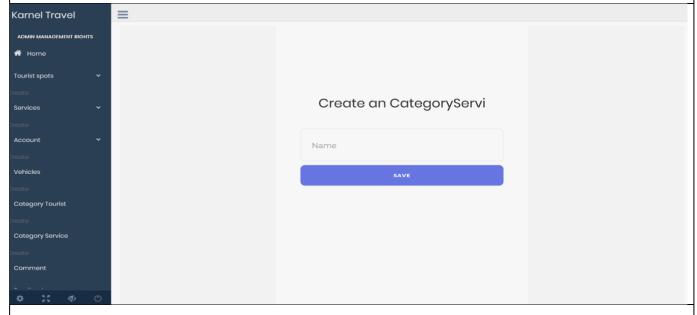
After choosing Create(1), the form to add a category will be displayed, just fill in the information and press the Save button to save the information



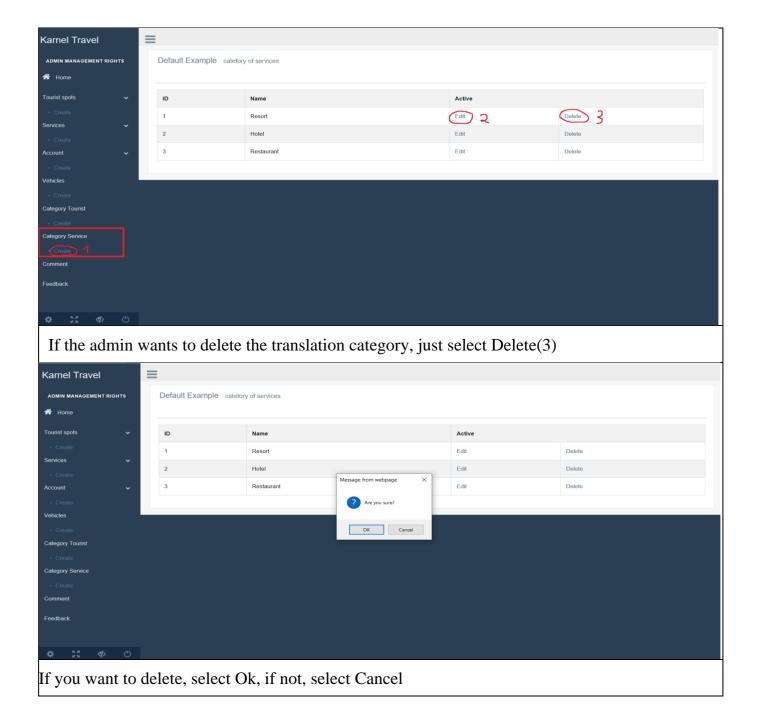


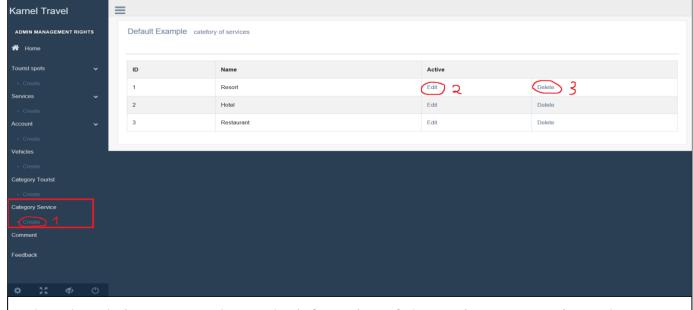


When admin selects Category_Service, you will see the information of that service's categories in a tabular format, if admin wants to add a service category just select Create(1)

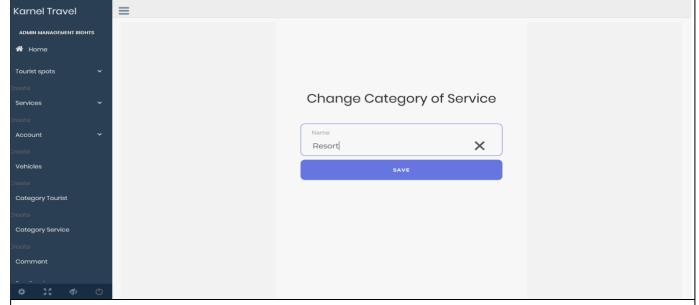


When you choose Create(1), you will see a form to add a service category, just fill in the information and press the Save button to save the information





When the admin wants to change the information of the service category, just select Edit(2)



After selecting Edit(2), a form to change the service category will appear, just change the information you want and then press the Save button to save the information.

Form Comment of Admin

Default Example Comment Services Content Active Account Tourist spots Delete Tan Le Ba Na Hill Ba na hill verry beautifull Ba Na Hill 2 Son Binh Delete good 3 Thanh Dat Ba Na Hill verry good Delete Ba Na Hill Duc Huynh Helo Delete 5 Tan Le It verry beautifull Delete Mercure Danang French Village Son Binh Mercure Danang French Village Delete goog 7 Thanh Dat Mercure Danang French Village verry good Delete Duc Huynh Mercure Danang French Village Helo Delete 9 Suoi Mo sdhfahdsad abc Delete

User comment information is sent to the Admin in the form of a table. Admin has the right to delete comments

Form Feedback of Amin

Default Example Feedback

ID	Name	Age	Address	Content	Active
1	SSSSS	18	da lat	czdfcsd	Delete
2	sam	21	hai phong	very helpful	Delete
3	duc	19	can gio	mu?n có thêm nhi?u khu du l?ch m?i	Delete
4	phat	30	binh duong	thông tin r?t chính sác	Delete
5	tam	24	ca mau	hi	Delete
6	bang	22	nam dinh	abc	Delete
7	sondang	32	da lat	c?m on nhi?u	Delete
8	tên	34	hanoi	r?t h?u ích hi v?ng công ty phát tri?n thêm n?a	Delete

User feedback is sent to the Admin in the form of a table. Admin has the right to delete comments.

*Note when deleting: if you want to delete a tourist or vehicle, you must note that it has a foreign key or if it does not, delete each one to avoid damage.

CONFIGURATION

Software & Technology Used:

- * Software:
 - Visual Studio 2019
 - SQL Server 2019
- * Technology:
 - Net Core MVC