

Karnel Travel

Supervisor: *Le Tuan Xuyen*

Semester: *III*

Batch No: *T1.2201.E0*

Group No: *2*

Order:	Full name	Roll No.
1.	<i>Nguyễn Xuân Thành</i>	<i>Student1345187</i>
2.	<i>Huỳnh Nhật Trung</i>	<i>Student1345349</i>
3.	<i>Phạm Gia Hưng</i>	<i>Student1345178</i>
4.	<i>Nguyễn Minh Hoàng</i>	<i>Student1345179</i>
5.	<i>Đương Khai Cường</i>	<i>Student1341576</i>

This is to certify that

Mr. Nguyễn Xuân Thành

Mr. Phạm Gia Hưng

Mr. Nguyễn Minh Hoàng

Mr. Huỳnh Nhật Trung

Mr. Dương Khai Cường

Have successfully Designed & Developed

Karnel Travel

Submitted by:

Mr. Le Tuan Xuyen

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1

Tasksheet

Acknowledge

As we understand that the Project is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you.

- ✓ Practice step by step i.e., laddered approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give real life scenario, help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank to our professor, Mr Le Tuan Xuyen and others student for the adorable supports during the time in project.

Beside several mistakes we had made in the project, we hope to have more opportunities to widen our knowledge in web developing world. We also thank you so much for your information and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning anything as much as we can to be more successful in the future.

Best Regards,

Group 02.

Synopsis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us front-end or back-end technology but to provide us with a real-life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of Semester III, as well as special subjects those are .Net and ReactJS. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a world that brings everything about the potteries and crockeries into your experience.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

Review 01

Design Plan: Karel Travel	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 23/05/2023	Version 1.0	Page No: 1 of 40

Problem Definition

The development of Information Technology and Internet help users access information, communication, transaction, or booking a trip are so easily. With the rise of technology, booking online has become a way to carry out the business transactions faster, more convenient, reduce cost for maintenance and employees.

With the price increment of products with the technology development, we bring to the customer a competitive environment to get the product with lowest price. We have many trips, tours, hotels, and resorts with reasonable price.

Based on the need stated in the Project Overall, we design an application that will provide the key features and functionalities as the followings:

- ✓ Provide function for user register.
- ✓ Provide information of the tour to customers and members.
- ✓ Provide a booking function so customers and members can book the tours.
- ✓ The member can take their privacy through Member Control Panel (MCP)
- ✓ Receive comments from customers and members to improve service quality as well as product quality.
- ✓ An Admin Control Panel (ACP) that support about management system:
- ✓ Administrators the ability to add, update product information quickly and accurately.
- ✓ Administrators the ability to manage members and their feedback, comment or rating.
- ✓ Administrators the ability to manage orders.
- ✓ Administrators the ability report statistics.

	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernal Travel	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 2 of 40

Customer Requirements Specifications

The Role of User and Admin:

1. User:

- ✓ Can register as a member and manage personal account.
- ✓ Can view and book a tour, hotels, restaurants, and resorts.
- ✓ Can view their old tour, hotels, restaurant, and resorts.
- ✓ Can view the list of tour, hotels, restaurant, and resort which they can book.
- ✓ Can leave comment on the tour, hotels, restaurants, and resorts that they booked.

2. Administrator:

- ✓ Can add / edit / delete tours, hotels, restaurants, and resorts.
- ✓ Can view customer's information or deactivate an account.
- ✓ Can view all orders and approve orders.
- ✓ Can view report statistics.

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Design Plan: Kernal Travel	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 3 of 40

User:

Input:

- Member registration data.
- View tour's data.
- View hotel's data.
- View restaurant's data.
- View resort's data.
- Order selected tour.

Process:

- Search tours from database by beaches, monuments, hotels, restaurants, and resorts based on the location, price, quality, quantity, and availability.
- Process customer registration information.
- Process customer orders.

Output:

- Notification of successful registration / failure.
- tour information.
- Notification of successful booking a tour.

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Design Plan: Kernal Travel	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Webmaster:

Input:

- Administrator login data.
- Tours, hotels, restaurants, and resorts information to add / edit / delete.
- Member data to search / delete.
- Order data to search / approve.

Process:

- Add / edit / delete tours, hotels, restaurants, resorts.
- View information of all members.
- View all booking.
- Update booking status.

Output:

- Notification to add / edit / delete tours, hotels, restaurants, and resorts success / failure.
- Notification to change member account's status.
- Notification to update booking's status

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Design Plan: Kernel Travel	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Hardware / software requirement

1. Windows 7 (or higher if possible)
2. HTML5 / Css3 / JavaScript / .Net6 / ReactJS 0.1.0
3. Visual Studio 2022 / Visual Studio Code
4. SQL Server 2000 (or later)

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Design Plan: Kernel Travel	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Task Sheet Review 1

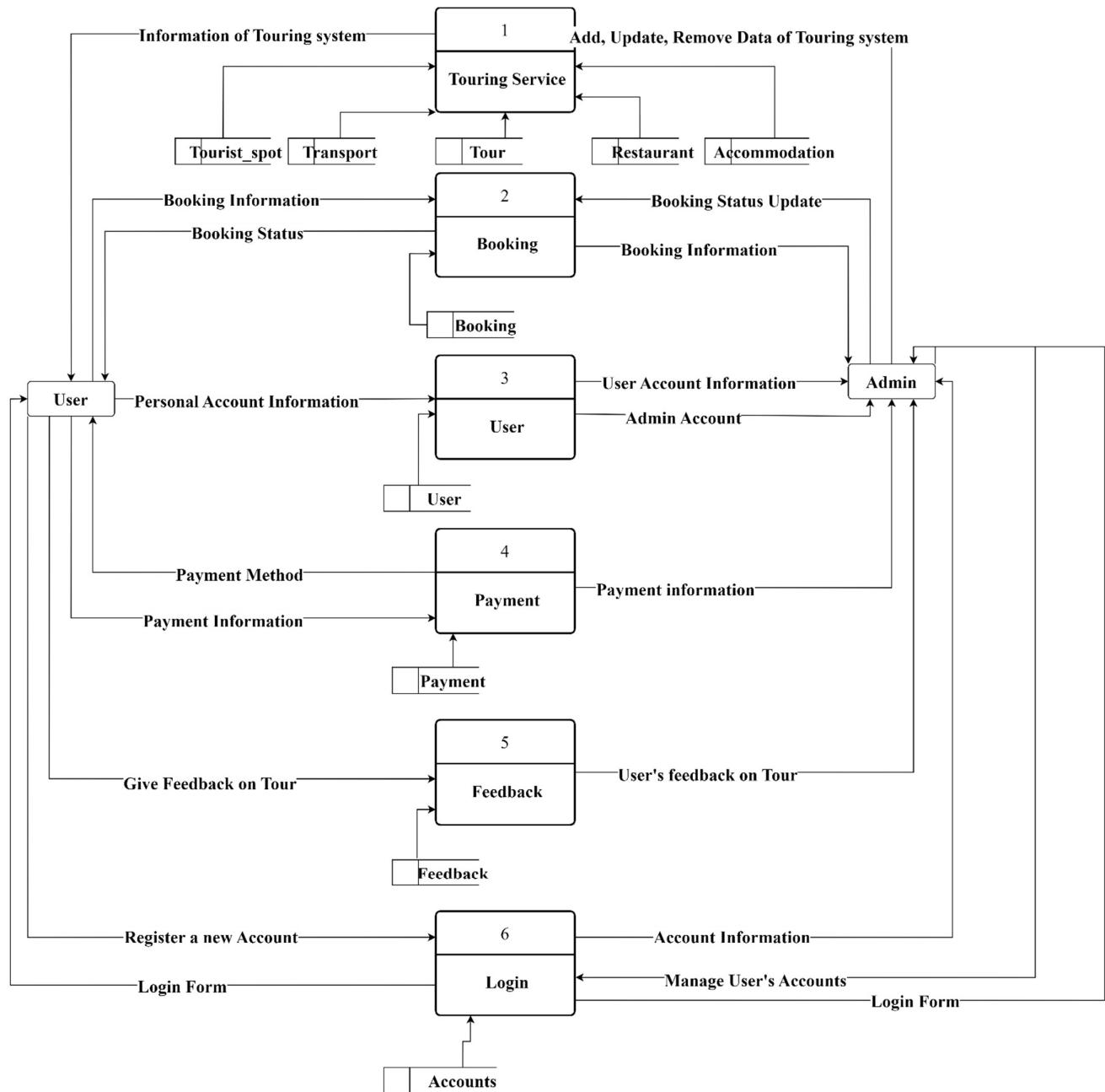
Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Acknowledgement	Kernel Travel	All member	19/05/2023	1	KHAI CUONG	Completed
2	Problem Definition			19/05/2023	1	XUAN THANH, GIA HUNG	Completed
3	Customer Requirement Specifications			19/05/2023	1	MINH HOANG, NHAT TRUNG	Completed

	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Review 02

Design Plan: Kernel Travel	Document Name: Data Flow Diagram	SWD/Form No.03/DFD/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 8 of 40

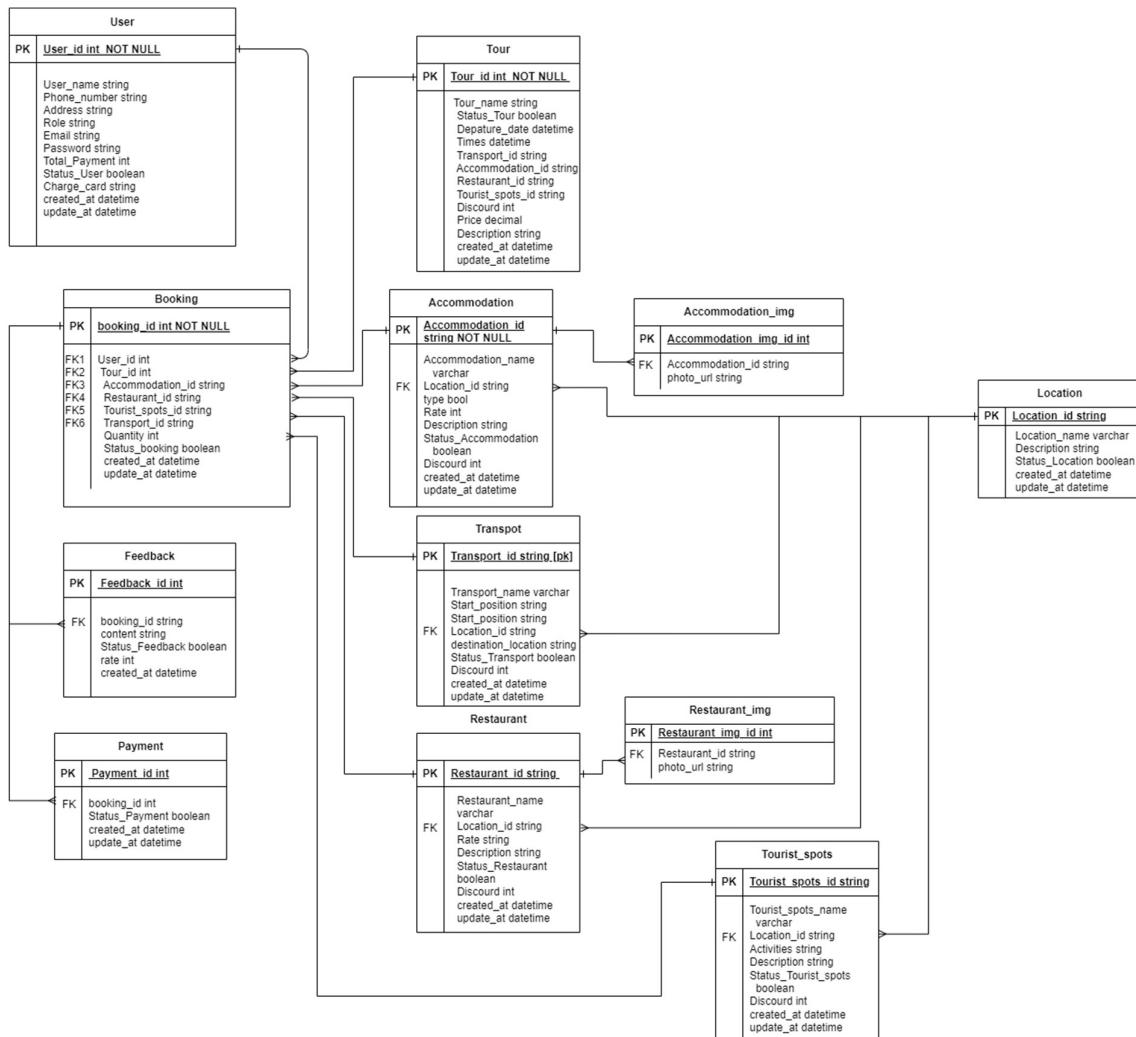
Data Flow Diagram



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Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 9 of 40

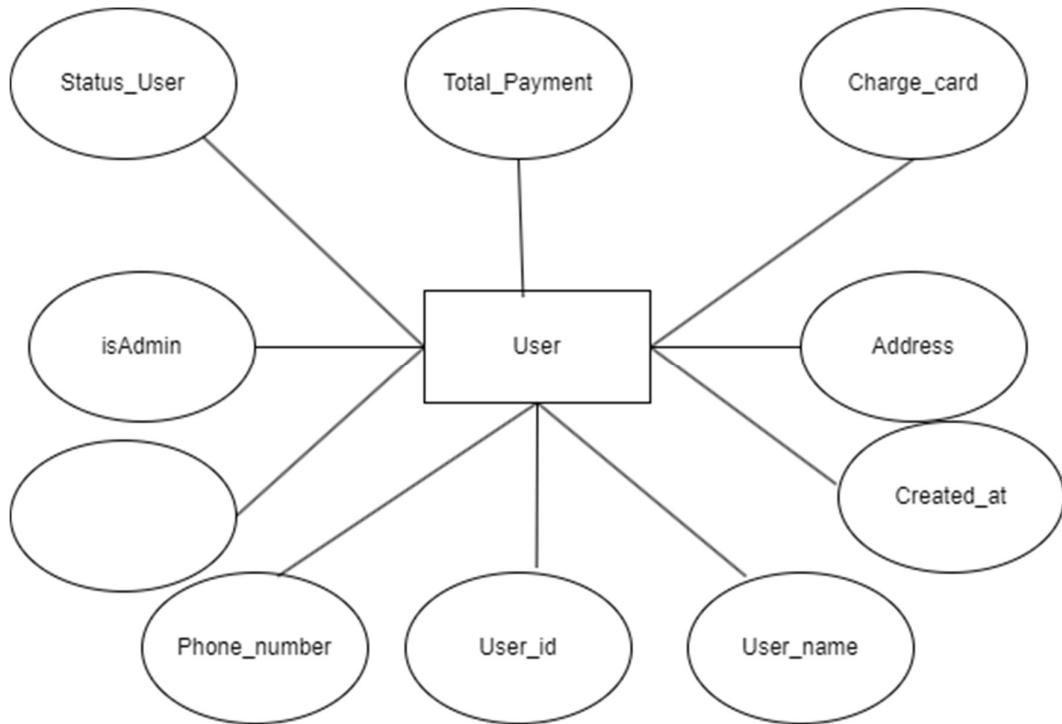
A. Entity Relationship Diagram



	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

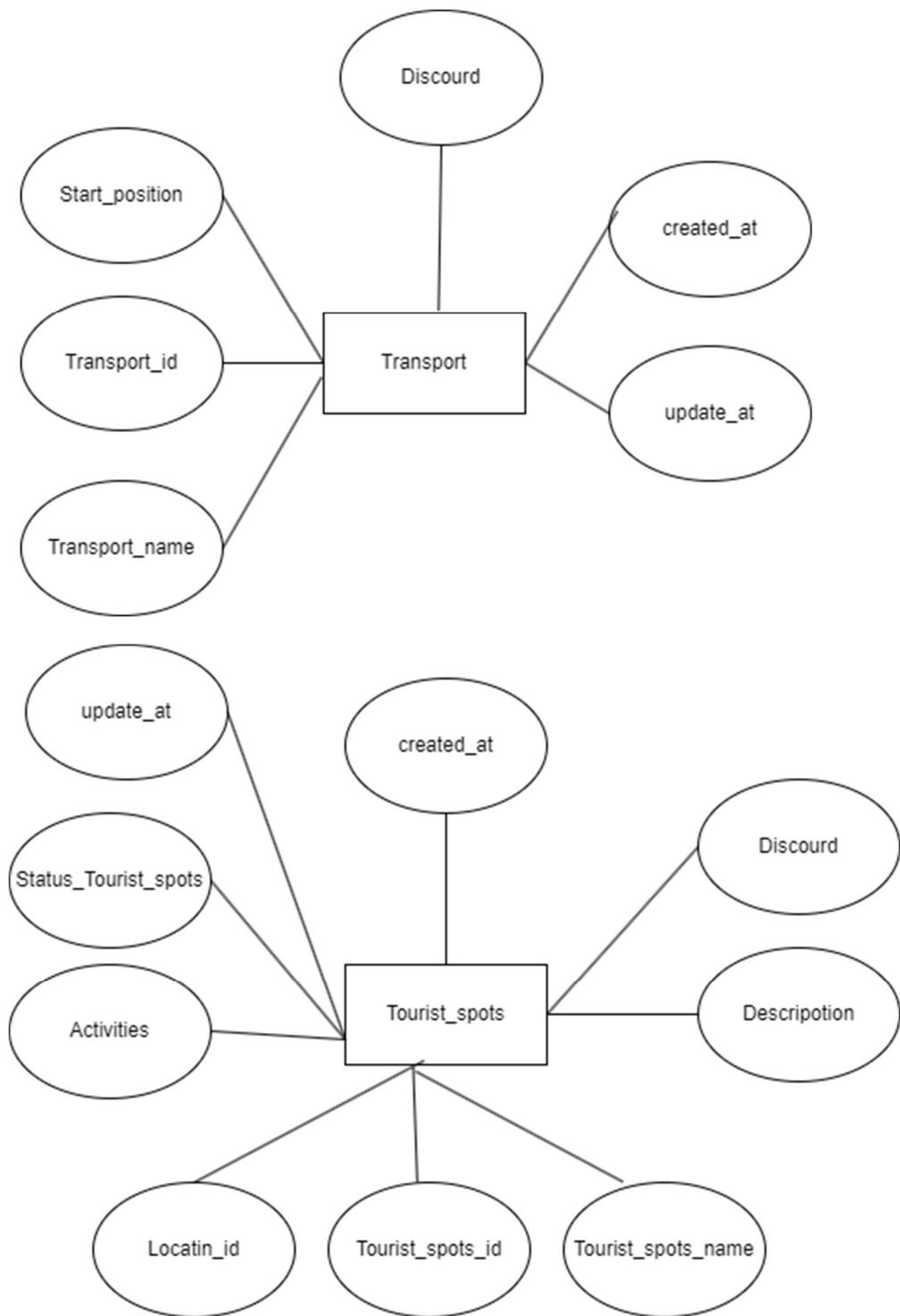
Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 10 of 40

B. Entity Attributes



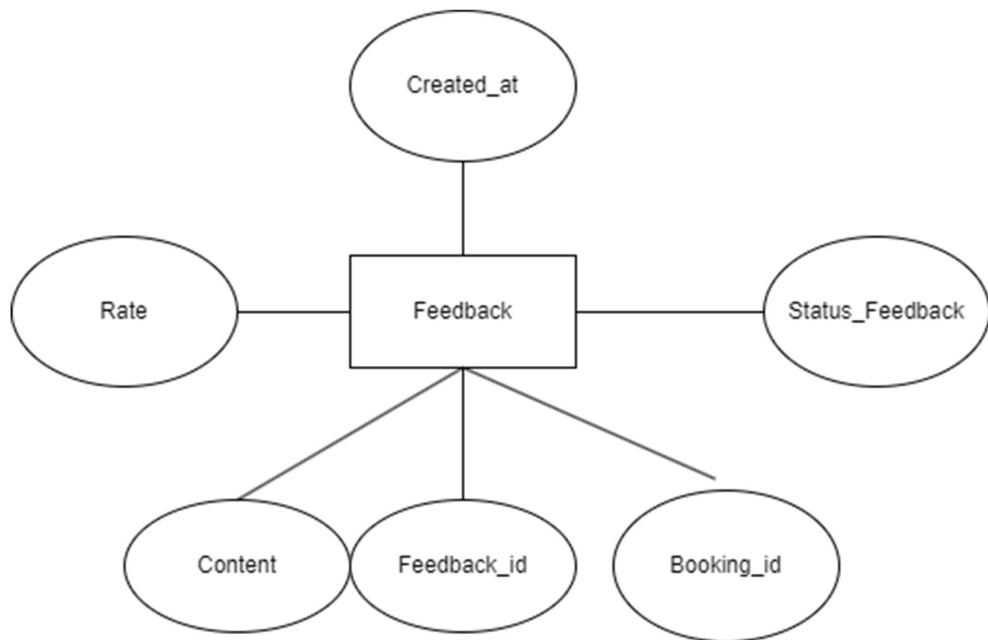
	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
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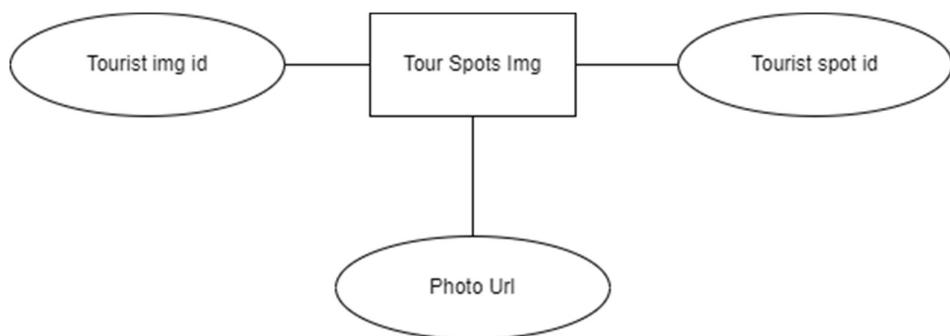
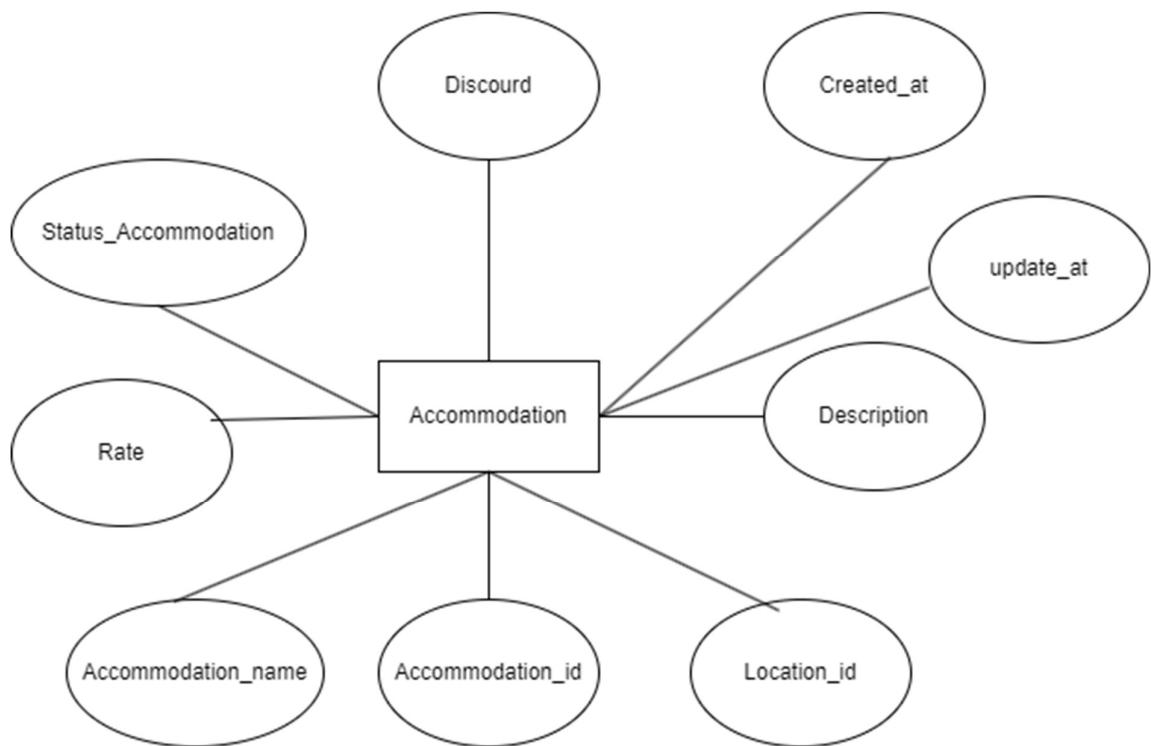
	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
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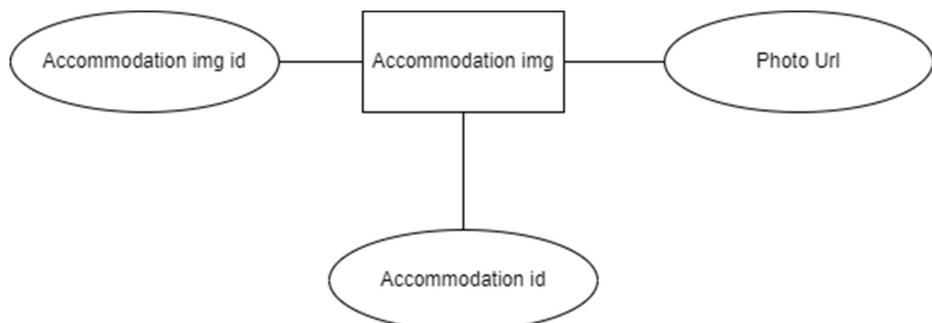
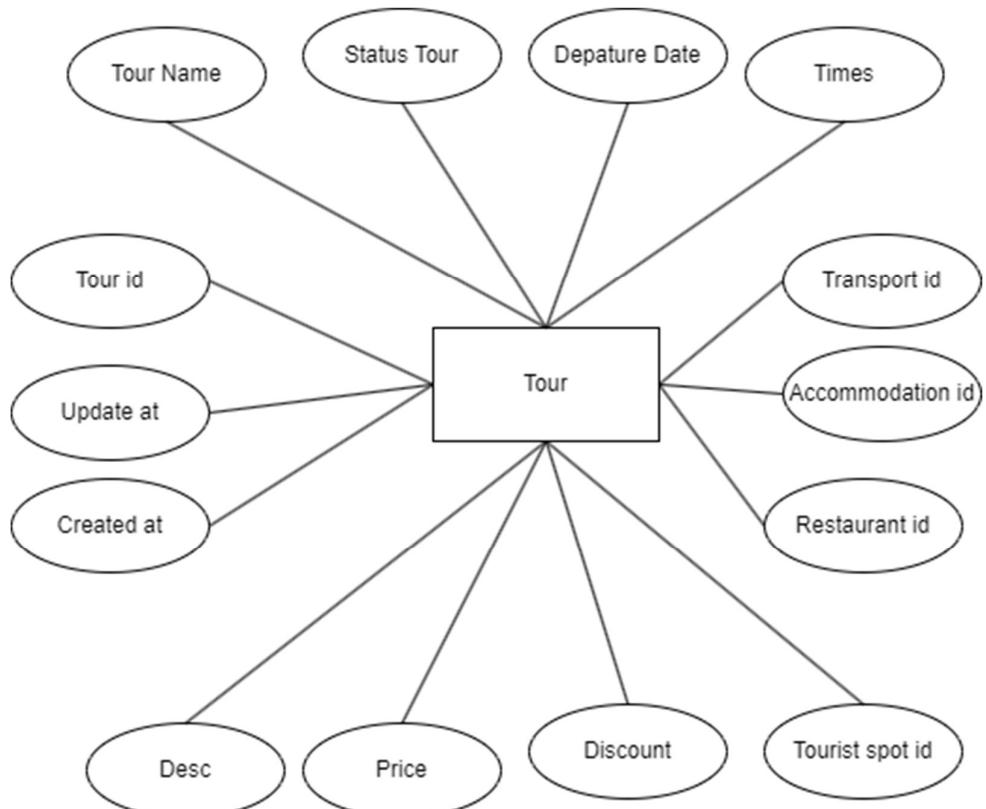
	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 13 of 40



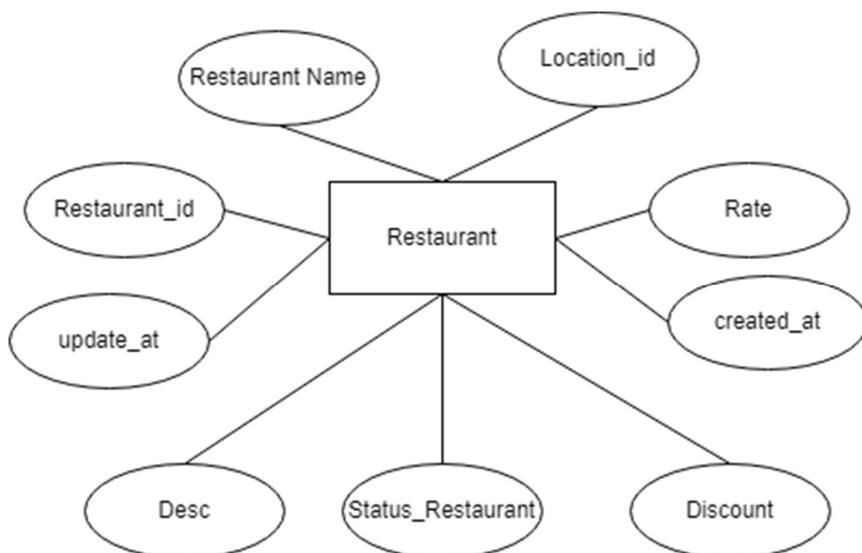
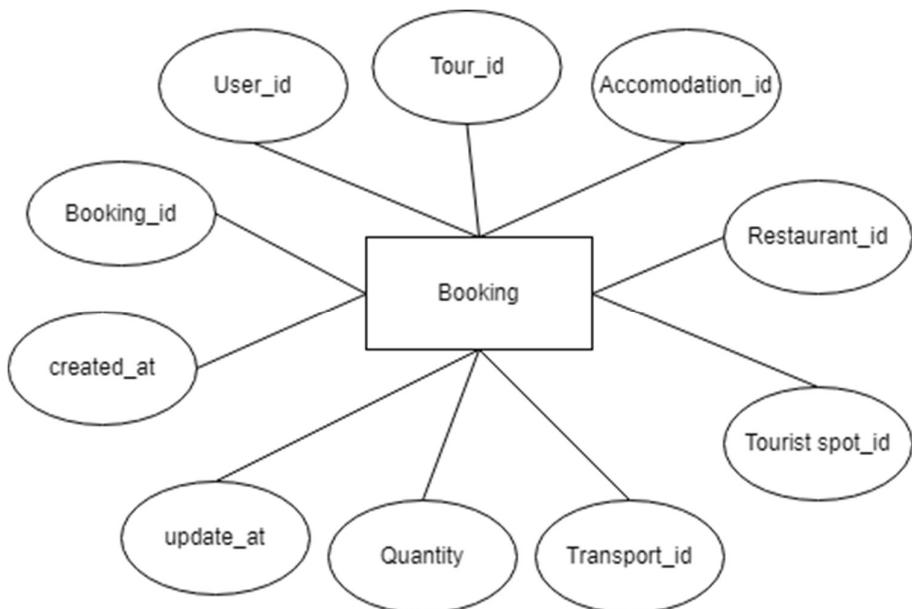
	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
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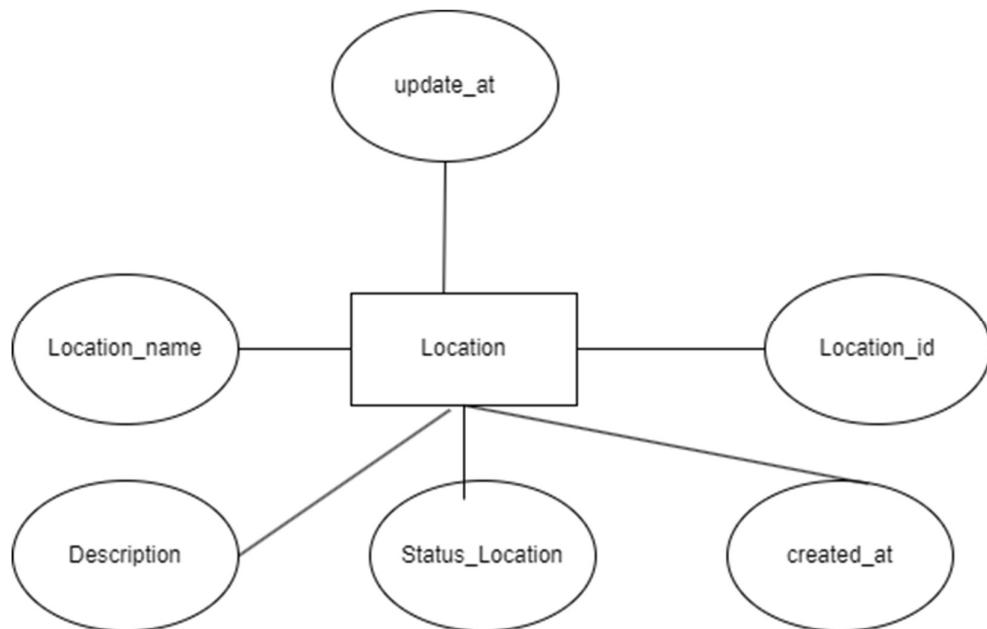
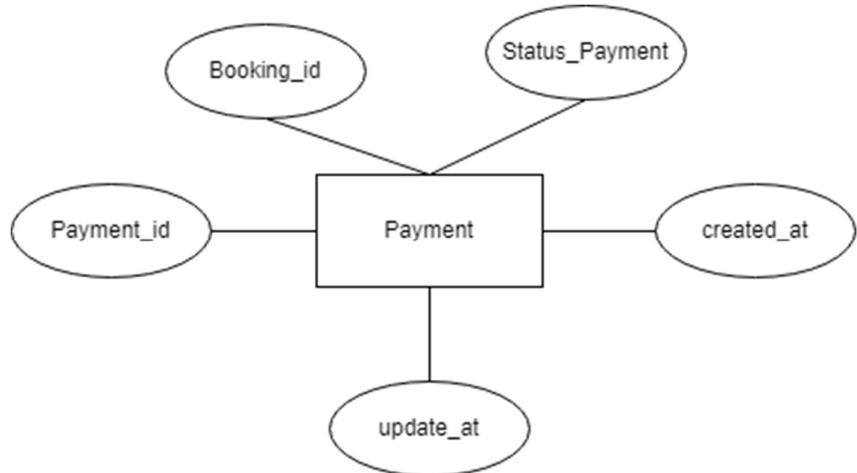
	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
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	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

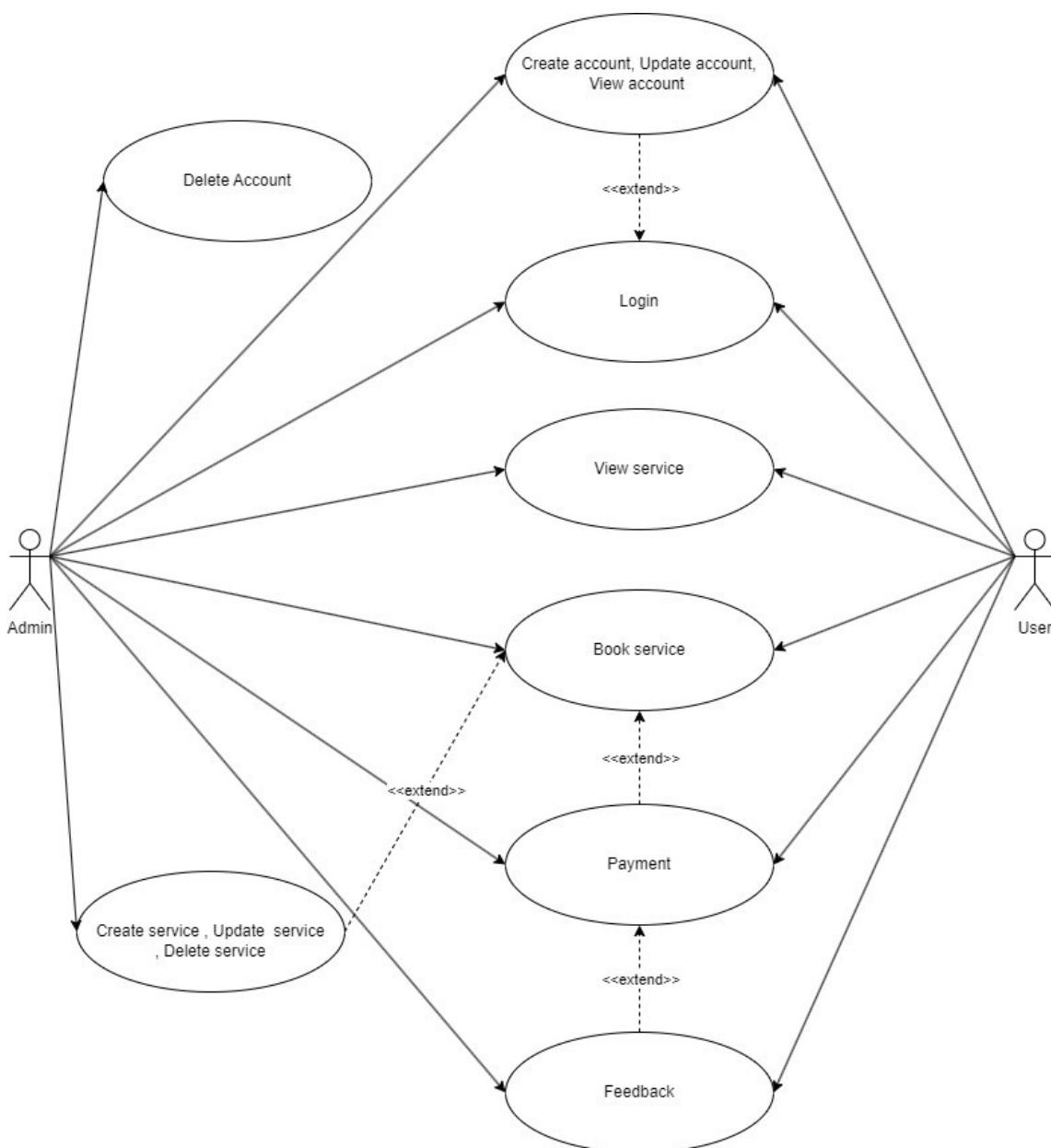
Design Plan: Kernel Travel	Document Name: Entity Attribute	SWD/Form No.04/ERD/Ver1.0
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Date		

Design Plan: Kernel Travel	Document Name: Use Case	SWD/Form No.05/TAB/Ver1.0
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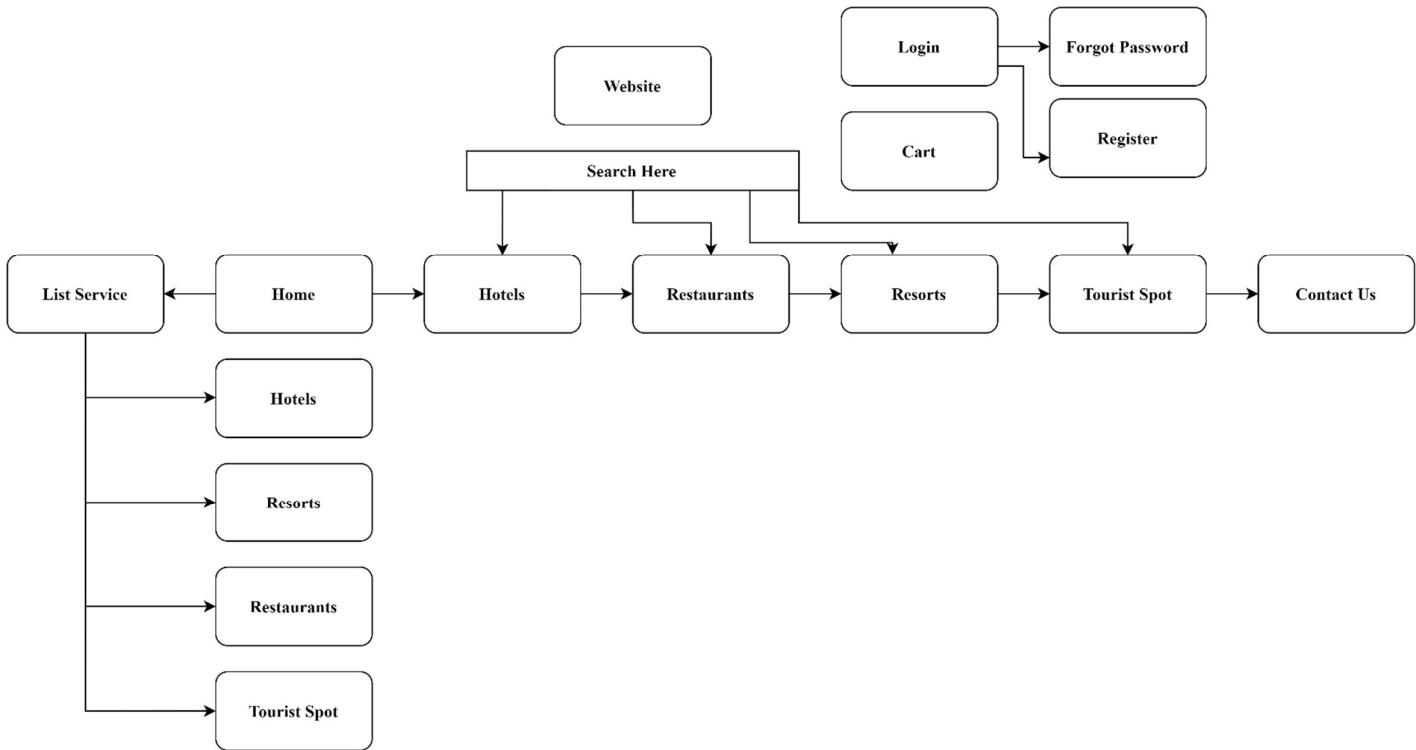
Use Case



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Signature		
Date		

Design Plan: Kernal Travel	Document Name: SiteMap	SWD/Form No.06/SM/Ver1.0
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SiteMap



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Date		

Design Plan: Kernel Travel	Document Name:	SWD/Form No.07/ALG/Ver1.0
Effective Date: 22/05/2023	Version 1.0	Page No: 19 of 40

Task Sheet Review 2

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Data Flow Diagram	Kernel Travel	All member	22/05/2023	2	PHAM GIA HUNG	Completed
2	Entity Relationship Diagram			22/05/2023	2	NGUYEN MINH HOANG	Completed
3	Entity Attributes			22/05/2023	2	MINH HOANG, NHAT TRUNG, NGUYEN XUAN THANH	Completed
4	Use Case			22/05/2023	2	DUONG KHAI CUONG	Completed
5	Site Map			22/05/2023	1	PHAM GIA HUNG	Completed

	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

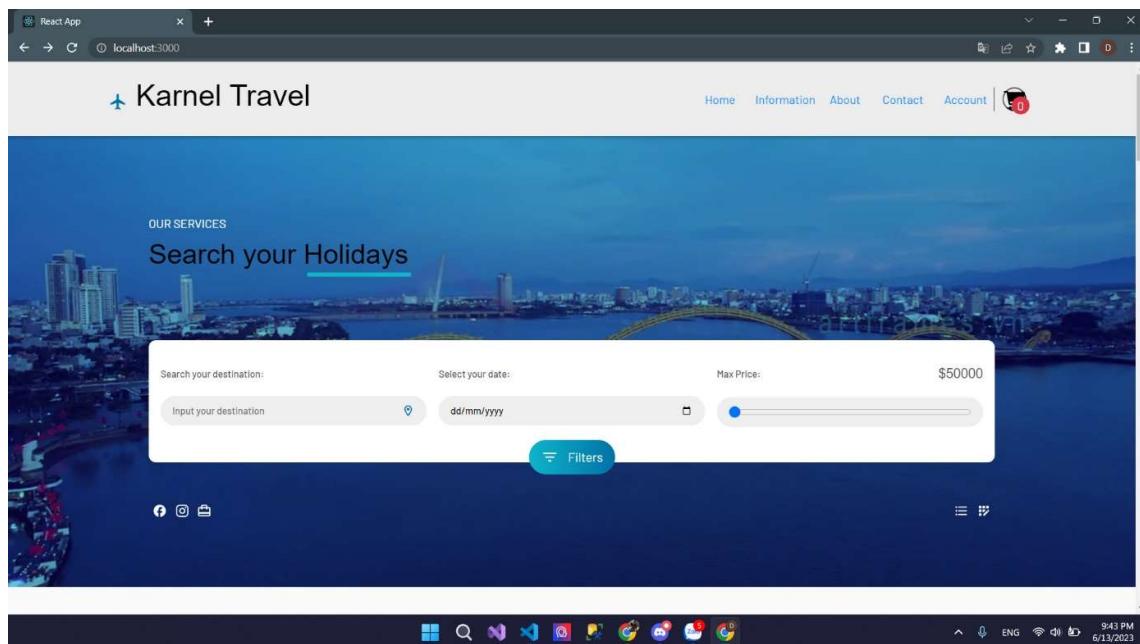
Review 03

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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SCREEN SHOTS

1 USER

1.1 Header



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Date		

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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1.2 List Product

Most visited destinations



Da Nang
📍 VietNam

RELAX AND VERY NICE (+1)

\$1000

Da Nang is a place where you can relax and enjoy

[DETAILS ↗](#)



Ha Noi
📍 VietNam

RELAX (+1)

\$10000

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[DETAILS ↗](#)



Ho Chi Minh
📍 VietNam

RELAX (+1)

\$1000

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[DETAILS ↗](#)



Nha Trang
📍 VietNam

RELAX (+1)

\$1000

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Ha Long Bay



Can Tho

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Hoi An
📍 VietNam

RELAX  \$1000

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[DETAILS !\[\]\(221128d43367ea6e3b7bb37243072d0f_img.jpg\)](#)



Busan
📍 South Korean

RELAX  \$1000

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[DETAILS !\[\]\(b15cda90500ebbb20dbf345e6ef5f09b_img.jpg\)](#)



Hue
📍 VietNam

RELAX  \$1000

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[DETAILS !\[\]\(671303daf9434044c4cdd8f89cfb4f2a_img.jpg\)](#)



Vung Tau
📍 VietNam

RELAX  \$1000

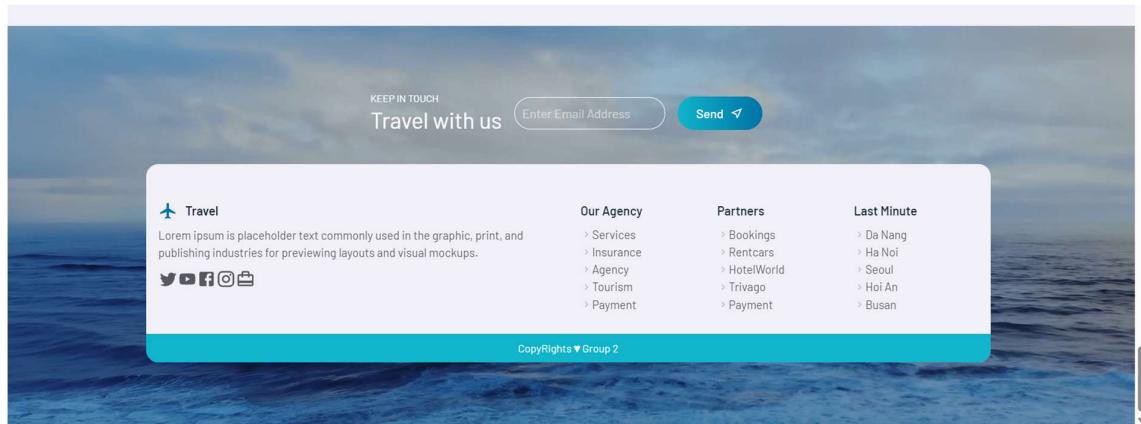
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Design Plan: Kernal Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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1.3 Footer

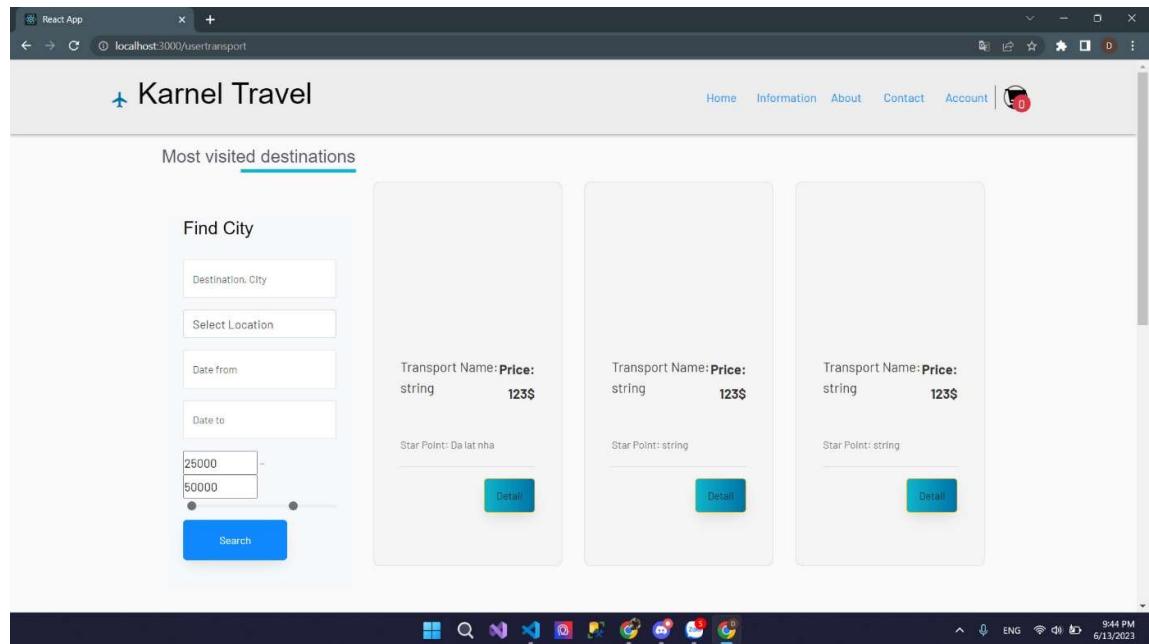


1.4 FeedBack

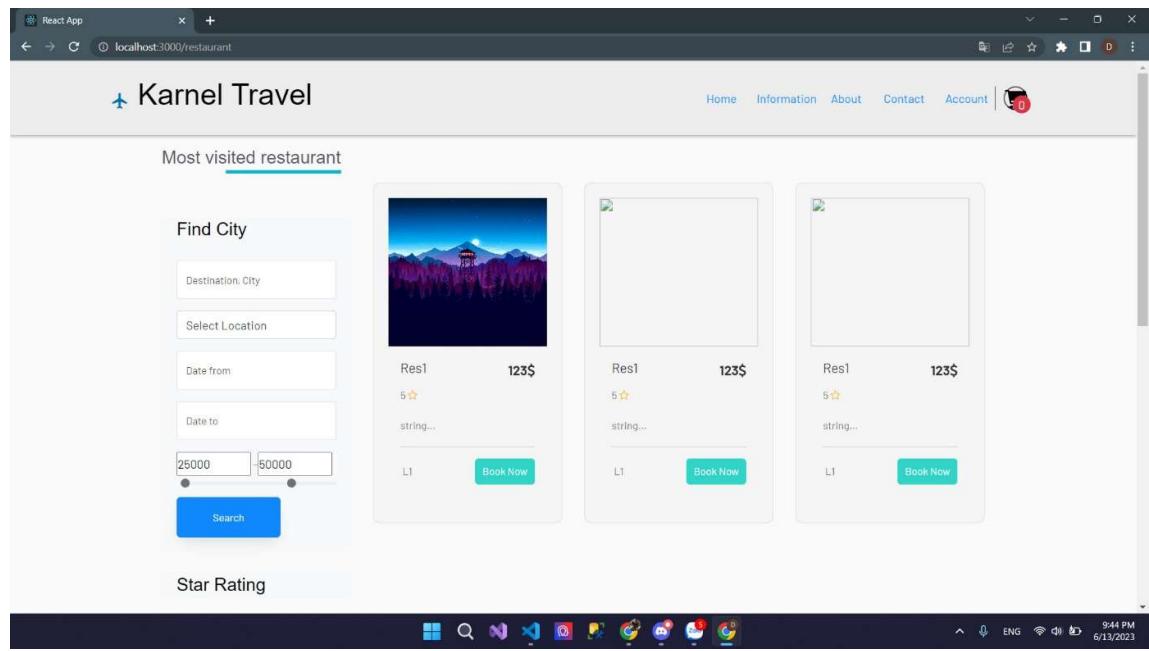
1.5 Transport

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Design Plan: Kernal Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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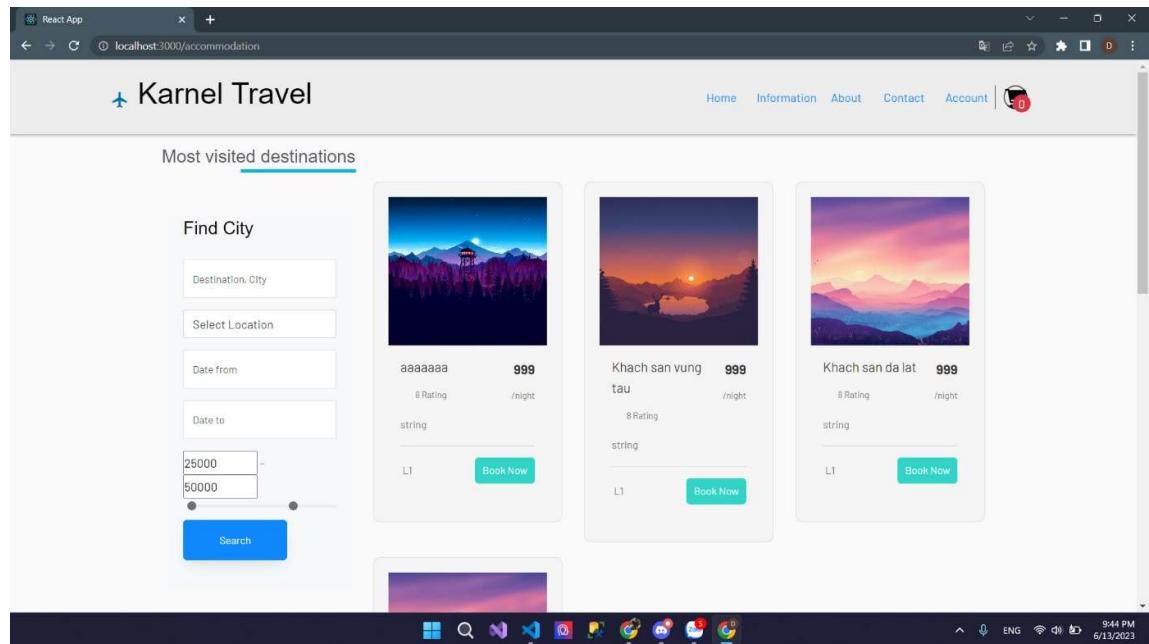
1.6 Restaurant



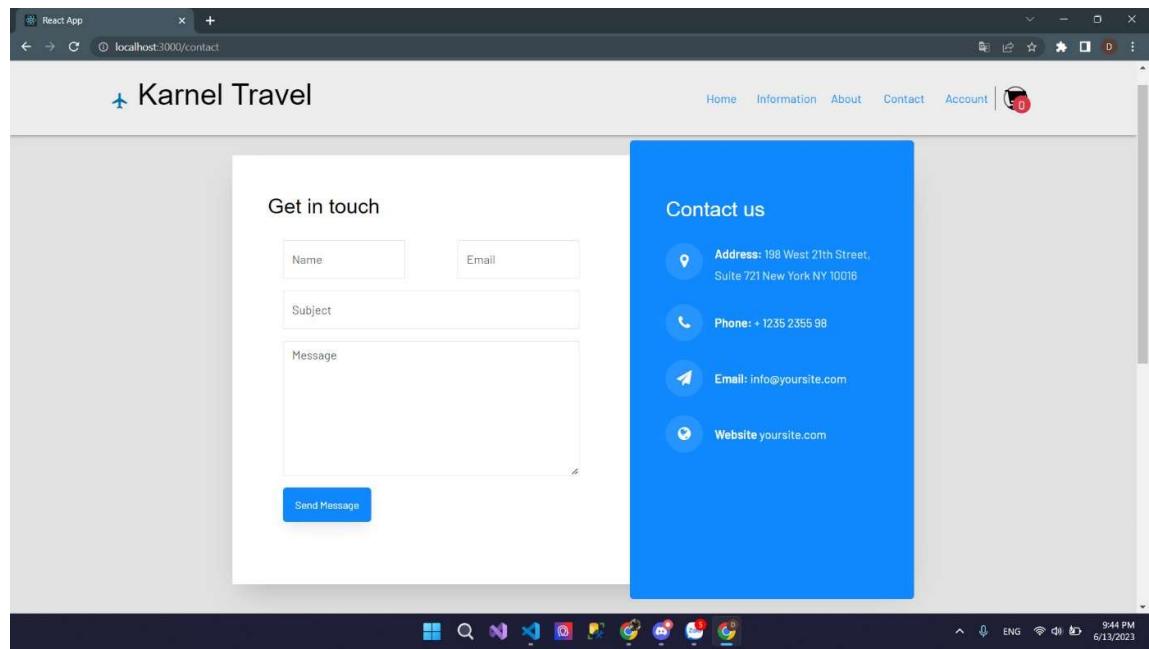
1.7 Accommodation

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Signature		
Date		

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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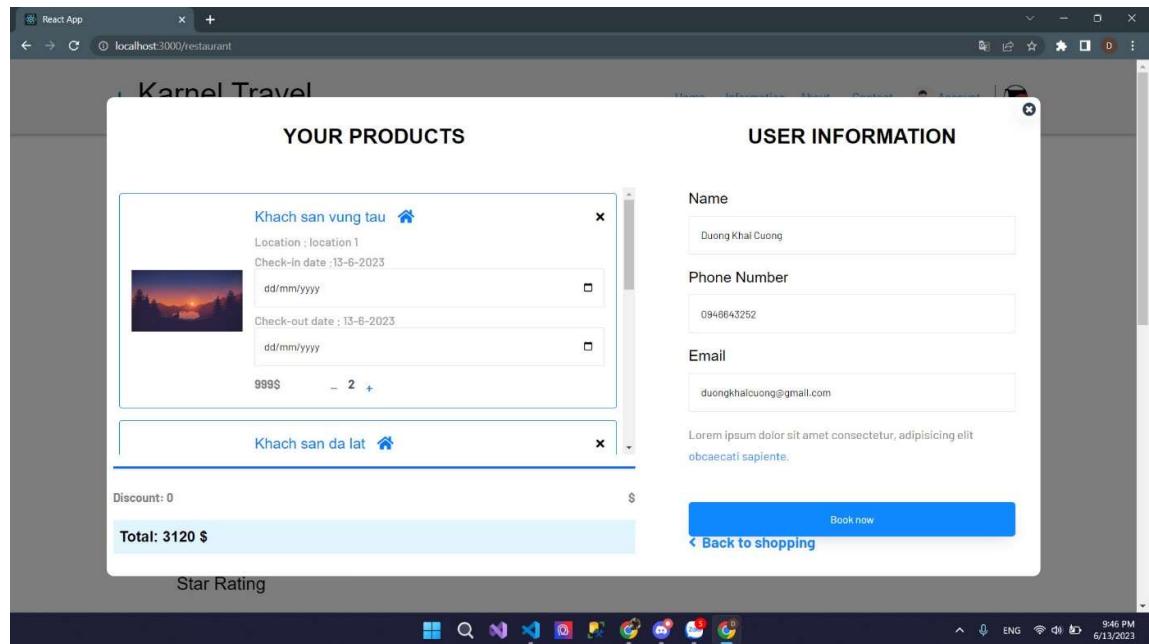
1.8 Contact Us



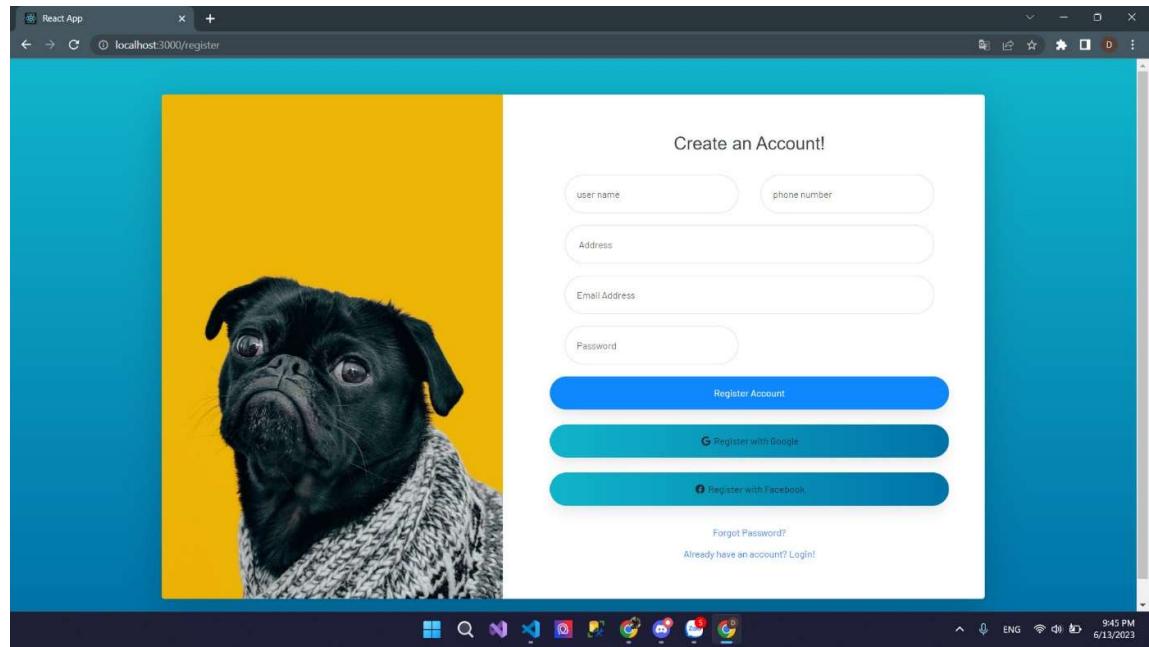
1.9 Cart

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Signature		
Date		

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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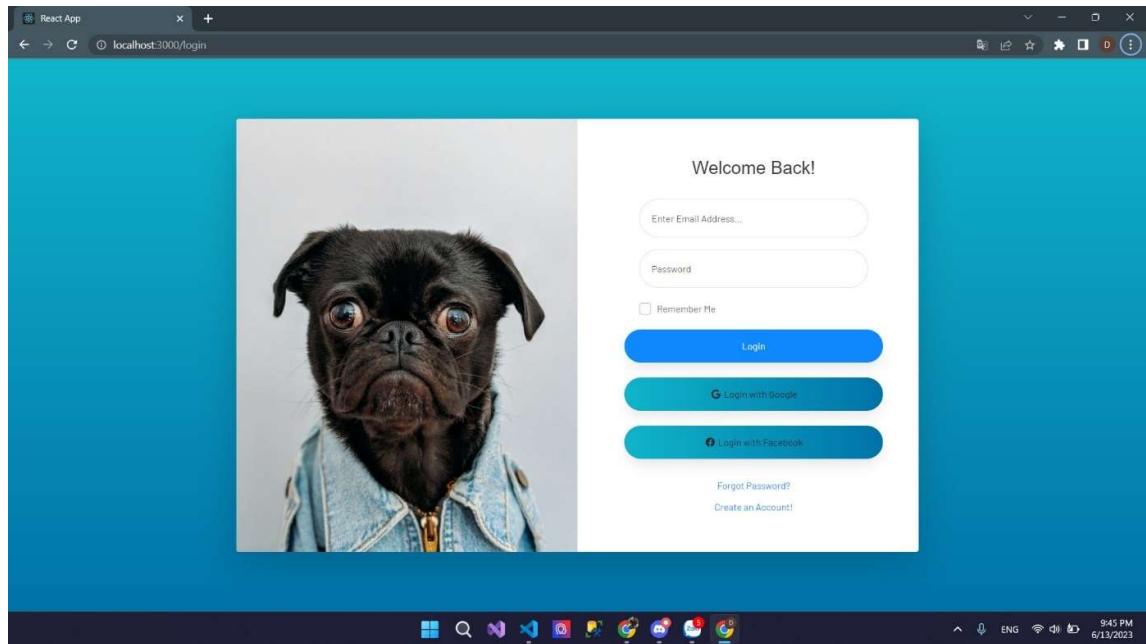
1.10 Register



Prepared by (Student)	Approved by (Faculty)
Project Group No: 2	LE TUAN XUYEN
Signature	
Date	

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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1.11 Login

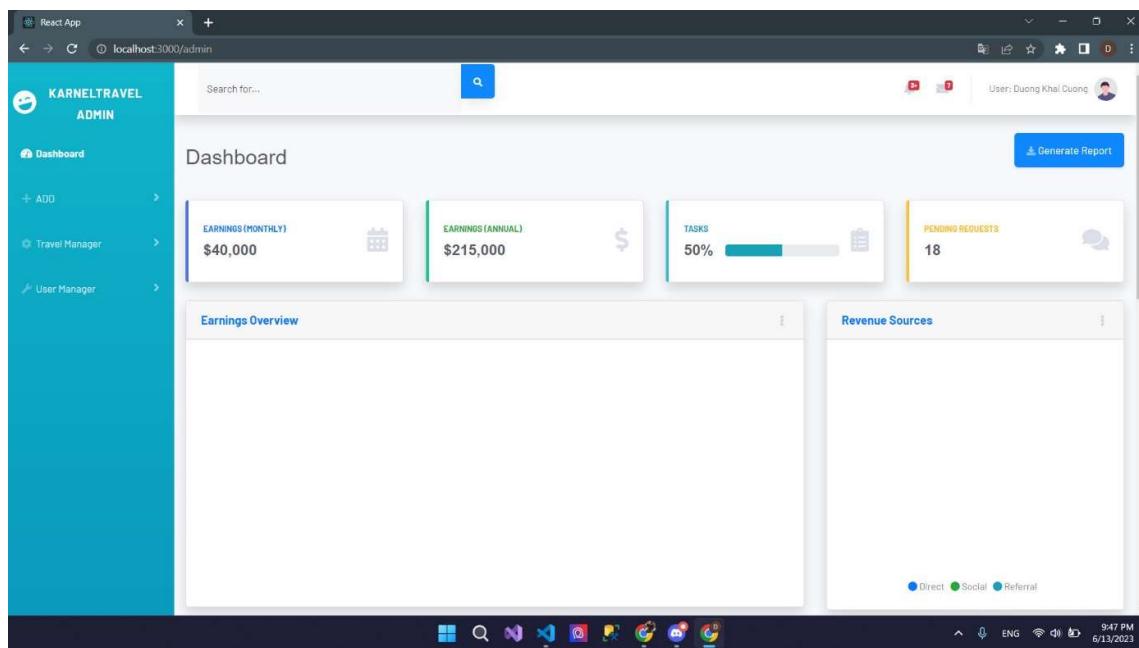


	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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2 ADMIN

2.1 Admin Dashboard



Prepared by (Student)	Approved by (Faculty)
Project Group No: 2	LE TUAN XUYEN
Signature	
Date	

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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2.2 List Product

Accommodation Id	Accommodation Name	Rate	Type	Description	Price	Status	Discount	location_id	Action
A11	aaaaaaa	5	Resort	string	999	true	0	L1	<button>Detail</button>
A12	Khach san vung tau	5	Resort	string	999	true	0	L1	<button>Detail</button>
A22	Khach san da lat	5	Resort	string	999	true	0	L1	<button>Detail</button>
A32	Khach san Hoi an	5	Resort	string	999	true	0	L1	<button>Detail</button>

	Prepared by (Student) Project Group No: 2	Approved by (Faculty) LE TUAN XUYEN
Signature		
Date		

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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2.3 Create form

The screenshot shows a web application interface for managing travel-related data. On the left, a sidebar titled 'ADMIN' provides navigation links for various manager modules. The main content area is titled 'Accommodation Form' and includes input fields for 'Accommodation ID', 'Name', 'Rate', 'Type', 'Price', and 'Description'. The browser's address bar indicates the URL is 'localhost:3000/admin/accommodation/createAccommodation'. The system status bar at the bottom right shows the date and time as '6/13/2023 9:48 PM'.

Prepared by (Student)	Approved by (Faculty)
Project Group No: 2	LE TUAN XUYEN
Signature	
Date	

Design Plan: Kernel Travel	Document Name: Screen Shots	SWD/Form No.11/TS/Ver1.0
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2.4 Detail Product

The screenshot shows a web-based application interface for managing travel accommodations. On the left, there's a vertical sidebar with a teal header and white text. It includes a 'Dashboard' icon, a '+ ADD' button, a 'Travel Manager' icon, and a 'User Manager' icon. The main content area has a white background with black text. At the top, it says 'Khach san vung tau'. Below that is a table of product details:

Accommodation Id	A12
Accommodation Name	Khach san vung tau
Rate	5
Type	Resort
Description	string
Price	999
Status	true
Discount	0
Location	L1

Below the details, there's a section titled 'IMAGES' with a small thumbnail image of a sunset over a forested landscape. The bottom of the screen shows a Windows taskbar with various icons and system status indicators.

Prepared by (Student)	Approved by (Faculty)
Project Group No: 2	LE TUAN XUYEN
Signature	
Date	

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3 TASK SHEET

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	User - Accommodation	Karmel Travel	All member	25/05/2023	23	PHAM GIA HUNG	Completed
	Admin - Accommodation				23		Completed
	User - Tour				23		Completed
					23		Completed
2	User - HomePage			25/05/2023	23	HUYNH NHAT TRUNG	Completed
	User - Restaurant				23		Completed
	Admin - Restaurant				23		Completed
3	Admin – TouristSpot			25/05/2023	23	DUONG KHAI CUONG	Completed
	Admin - Tour				23		Completed
	User - TouristSpot				23		Completed
	User - Cart				23		Completed
	User - Booking				23		Completed

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	User - Feedback			23		Completed
4	Admin - Transport		25/05/2023	23	NGUYEN XUAN THANH	Completed
	Admin - Account			23		Completed
	Admin - Login			23		Completed
	User - Register			23		Completed
	User - Login			23		Completed
	User - Transport			23		Completed
5	Admin - Location		25/05/2023	23	NGUYEN MINH HOANG	Completed
	User - Location			23		Completed

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Signature		
Date		