

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

# KARNEL GUIDE TOUR PROJECT

<b>Supervisor:</b>	Dinh Vu Quoc Trung	
<b>Semester:</b>	III	
<b>Batch No:</b>	Aptech Learning - ACCP i17	
<b>Group No:</b>	4	
<b>Order:</b>	<b>Full name</b>	<b>Roll No.</b>
1.	Ho Hoan Vu	Student1040381
2.	Vu Ngoc Truong	Student1040276
3.	Doan Khanh Nhi	Student1038300

**Month November Year 2018**

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 2</b>

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

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# REVIEW 1

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## **I. Introduction**

- Karnel Travels is a Tours and Travels Company which provides the various transportation facilities between the cities like tourist spots, transportation between different cities in the country, also provides accommodations in hotels, etc. So, we will provide the online facility where the customers can visit online, view and search for the tours and as well the transportation.
- Now we will provide a website, through which they want to attract the customers. In website, we will provide various information services like the list of tourist spot, information about the various hotels and restaurants, etc.

## **II. Customer Requirement Specification:**

We have two roles in this website and it will have special ability below:

- Customer will have ability:
  - + Register, Login, Logout
  - + View Home, Tourist Spots, Travel Information, Hotel Information, Restaurant Information, Resort Information, About us.
- Administrator will have ability:
  - + Edit/Delete User
  - + Add/Update/Delete Tour, Travel, Hotel, Restaurant, Resort

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### **III. Functional Requirements Specification**

#### **1. Customer:**

<b>USE CASE SPECIFICATION</b>			
<b>Use-case No.</b>	UC001	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	<b>Login</b>		
<b>Actor:</b> Admin, Customer <b>Summary:</b> login to application			

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## USE CASE SPECIFICATION

Use-case No.	UC002	Use-case Version	1.0
Use-case Name	Log out		
<b>Actor:</b> Admin, Customer			
<b>Summary:</b> Log out application			
<b>Preconditions:</b> Customer must login to the system			

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## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC003	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	<b>Register Account</b>		

### Actor:

Customer

**Summary:** Allow customer register new account

**Goal:** Create new account

### Triggers

### Preconditions:

### Post Conditions:

### Main Success Scenario:

1. Customer enters information
2. Customer create new user
3. System determines the validity of the information
4. Add new information into the database

### Alternative Scenario:

### Exceptions:

### Relationships:

### Business Rules:

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## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC004	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Update Customer profile		

### Actor:

Customer

### Summary:

Allows customer to edit their account

### Goal:

Edit Customer information

### Triggers

### Preconditions:

Customer must login to the system

### Post Conditions:

Customer can update information

### Main Success Scenario:

1. Customer login
2. Customer select his profile
3. Edit information that he wants to change
4. System determines the validity of the information
5. Update into the database

### Alternative Scenario:

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**Exceptions:**

**Relationships:** Update account

**Business Rules:**

## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC005	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Search Tourist Spots		

**Actor:**

Customer

**Summary:**

Allows customer to search Tourist Spots

**Goal:**

Show Tourist Spots information

**Triggers**

**Preconditions:**

**Post Conditions:**

Tourist Spots information

**Main Success Scenario:**

1. Customer choose Search Page
2. Customer choose Tourist Spots search Type
3. System determines the validity of search key words
4. Show all information about Tourist Spots.

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## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC006	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Search Hotel Information		

### Actor:

Customer

### Summary:

Allows customer to search Hotel Information

### Goal:

Show Hotel Information

### Triggers

### Preconditions:

### Post Conditions:

Hotel Information

### Main Success Scenario:

1. Customer choose Search Page
2. Customer choose Hotel Information search Type
3. System determines the validity of search key words
4. Show all information about Hotel Information.

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## USE CASE SPECIFICATION

Use-case No.	UC007	Use-case Version	1.0
Use-case Name	Search Restaurant Information		
<b>Actor:</b> Customer			
<b>Summary:</b> Allows customer to search Restaurant Information			
<b>Goal:</b> Show Restaurant Information			
<b><u>Triggers</u></b>			
<b>Preconditions:</b>			
<b>Post Conditions:</b> Restaurant Information			
<b>Main Success Scenario:</b> 1. Customer choose Search Page 2. Customer choose Restaurant Information search Type 3. System determines the validity of search key words 4. Show all information about Restaurant Information.			

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## USE CASE SPECIFICATION

Use-case No.	UC008	Use-case Version	1.0
Use-case Name	Search Travel Information		
<b>Actor:</b> Customer			
<b>Summary:</b> Allows customer to search Travel Information			
<b>Goal:</b> Show Travel Information			
<b><u>Triggers</u></b>			
<b>Preconditions:</b>			
<b>Post Conditions:</b> Travel Information			
<b>Main Success Scenario:</b> 1. Customer choose Search Page 2. Customer choose Travel Information search Type 3. System determines the validity of search key words 4. Show all information about Travel Information.			

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<b>USE CASE SPECIFICATION</b>			
<b>Use-case No.</b>	UC009	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Search Resort Information		
<p><b>Actor:</b> Customer</p> <p><b>Summary:</b> Allows customer to search Resort Information</p> <p><b>Goal:</b> Show Resort Information</p> <p><b><u>Triggers</u></b></p> <p><b>Preconditions:</b></p> <p><b>Post Conditions:</b> Resort Information</p> <p><b>Main Success Scenario:</b></p> <ol style="list-style-type: none"> <li>1. Customer choose Search Page</li> <li>2. Customer choose Resort Information search Type</li> <li>3. System determines the validity of search key words</li> <li>4. Show all information about Travel Information.</li> </ol>			

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## USE CASE SPECIFICATION

Use-case No.	UC010	Use-case Version	1.0
Use-case Name	Order Tour		
<b>Actor:</b> Customer			
<b>Summary:</b> Allows customer to order Tour			
<b>Goal:</b> Order Tour with Tourist Spots, Restaurant, Resort, Hotel			
<b><u>Triggers</u></b>			
<b>Preconditions:</b>			
<b>Post Conditions:</b>			
<b>Main Success Scenario:</b> 1. Customer choose Tour 2. Customer click button Add Tour 3. System add Tour into Cart 4. Show all order information.			

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## 2. Administrator:

USE CASE SPECIFICATION			
Use-case No.	UC011	Use-case Version	1.0
Use-case Name	Add Hotel/Resort/Travel/Tourist Spots/Restaurant Information		
<b>Actor:</b> Administrator			
<b>Summary:</b> Allows Administrator to add Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
<b>Goal:</b> Add Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
<b><u>Triggers</u></b>			
<b>Preconditions:</b> Administrator must login to the system			
<b>Post Conditions:</b> Administrator can update information			
<b>Main Success Scenario:</b> <div><div>1. Administrator login</div><div>2. Administrator choose Hotel/Resort/Travel/Tourist Spots/Restaurant Information.</div><div>3. Add new information that he wants</div><div>4. System determines the validity of the information</div></div>			

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5. Create new information into the database

**Alternative Scenario:**

**Exceptions:**

**Relationships:** Update Hotel/Resort/Travel/Tourist Spots/Restaurant

**Business Rules:**

## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC012	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Edit Hotel/Resort/Travel/Tourist Spots/Restaurant Information		

**Actor:**

Administrator

**Summary:**

Allows Administrator to edit Hotel/Resort/Travel/Tourist Spots/Restaurant Information

**Goal:**

Edit Hotel/Resort/Travel/Tourist Spots/Restaurant Information

**Triggers**

**Preconditions:**

Administrator must login to the system

**Post Conditions:**

Administrator can update information

**Main Success Scenario:**

1. Administrator login

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2. Administrator choose Hotel/Resort/Travel/Tourist Spots/  
Restaurant Information.
3. Edit information that he wants to change
4. System determines the validity of the information
5. Update into the database

**Alternative Scenario:**

**Exceptions:**

**Relationships:** Update Hotel/Resort/Travel/Tourist Spots/Restaurant

**Business Rules:**

## USE CASE SPECIFICATION

Use-case No.	UC013	Use-case Version	1.0
Use-case Name	Delete Hotel/Resort/Travel/ Tourist Spots/Restaurant Information		
<b>Actor:</b> Administrator			
<b>Summary:</b> Allows Administrator to delete Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
<b>Goal:</b> Delete Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
<b><u>Triggers</u></b>			
<b>Preconditions:</b>			

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Administrator must login to the system

**Post Conditions:**

Administrator can update information

**Main Success Scenario:**

1. Administrator login
2. Administrator choose Hotel/Resort/Travel/Tourist Spots/  
Restaurant Information.
3. Delete information that he wants
4. System determines the validity of the information
5. Update flag to check that record is deleted in database

**Alternative Scenario:**

**Exceptions:**

**Relationships:** Update Hotel/Resort/Travel/Tourist Spots/Restaurant

**Business Rules:**

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## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC014	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Edit Customer Information		

### Actor:

Administrator

### Summary:

Allows Administrator to edit Customer Information

### Goal:

Edit Customer Information

### Triggers

### Preconditions:

Administrator must login to the system

### Post Conditions:

Administrator can update information

### Main Success Scenario:

1. Administrator login
2. Administrator choose Customer Information.
3. Edit information that he wants to change
4. System determines the validity of the information
5. Update into the database

### Alternative Scenario:

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**Exceptions:**

**Relationships:** Update Hotel/Resort/Travel/Tourist Spots/Restaurant

**Business Rules:**

## USE CASE SPECIFICATION

<b>Use-case No.</b>	UC015	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Delete Customer Information		

**Actor:**

Administrator

**Summary:**

Allows Administrator to delete Customer Information

**Goal:**

Delete Customer Information

**Triggers**

**Preconditions:**

Administrator must login to the system

**Post Conditions:**

Administrator can update information

**Main Success Scenario:**

1. Administrator login
2. Administrator choose Customer Information.
3. Delete information that he wants

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4. System determines the validity of the information

5. Update flag to check that record is deleted in database

**Alternative Scenario:**

**Exceptions:**

**Relationships:** Update Hotel/Resort/Travel/Tourist Spots/Restaurant

**Business Rules:**

#### **IV. System Requirement**

##### **1. Hardware Requirement**

- Pentium IV 1.4 Ghz or higher
- RAM: 512 MB or better
- HDD: 200MB or higher

##### **2. Software Requirement**

**Sever:**

- Windows 7 or higher (Recommended)
- IE 6.0 or higher, Mozilla Firefox 3.0, Google Chrome 66.0
- IIS (Internet Information Services)
- SQL Server 2012

**Client:**

- Windows Xp or higher (Recommended),
- Chrome.

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## Task Sheet Review 1

Members Group		Date Preparation of Activity Plan			
No	Name	Description Task	Start Date	End Date	Status
1	Hồ Hoàn Vũ	Functional Requirement (Customer)	Oct 5,2018	Oct 9,2018	Completed
2	Vũ Ngọc Trường	Functional Requirement (Administrator)	Oct 5,2018	Oct 9,2018	Completed
3	Đoàn Khánh Nhi	Introduction, Customer Requirement	Oct 5,2018	Oct 9,2018	Completed
Teacher			Team Leader		
Dinh Vu Quoc Trung			Hồ Hoàn Vũ		

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# REVIEW 2

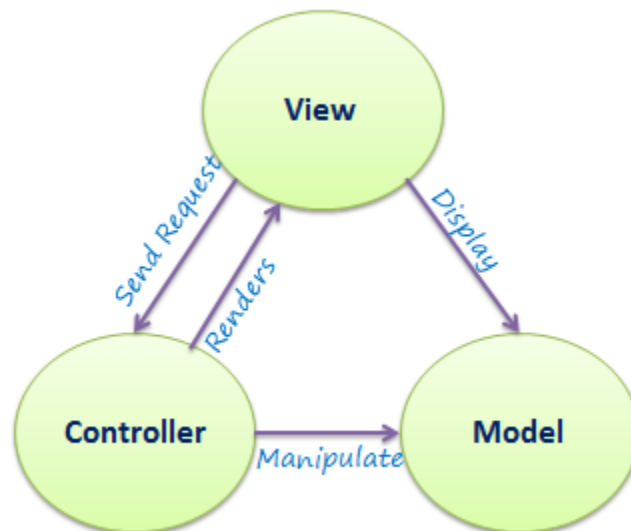
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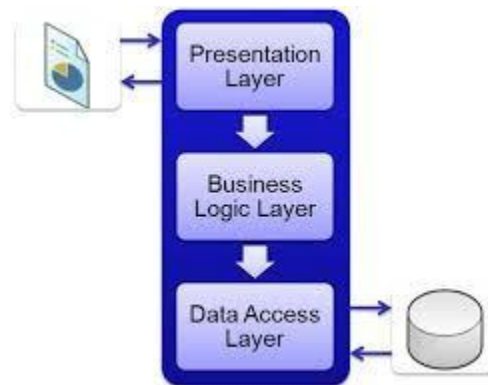
## **I. Architecture & Design of the Project:**

### **A. Architectural pattern**

use MVC:



### **B. Design Project:**



#### **Presentation Tier:**

Use technologies: HTML, JavaScript, jQuery, Bootstrap, CSS, Ajax.

Controller: Use ASP.NET MVC

#### **Business Logic Tier:**

Use technologies: ASP.NET

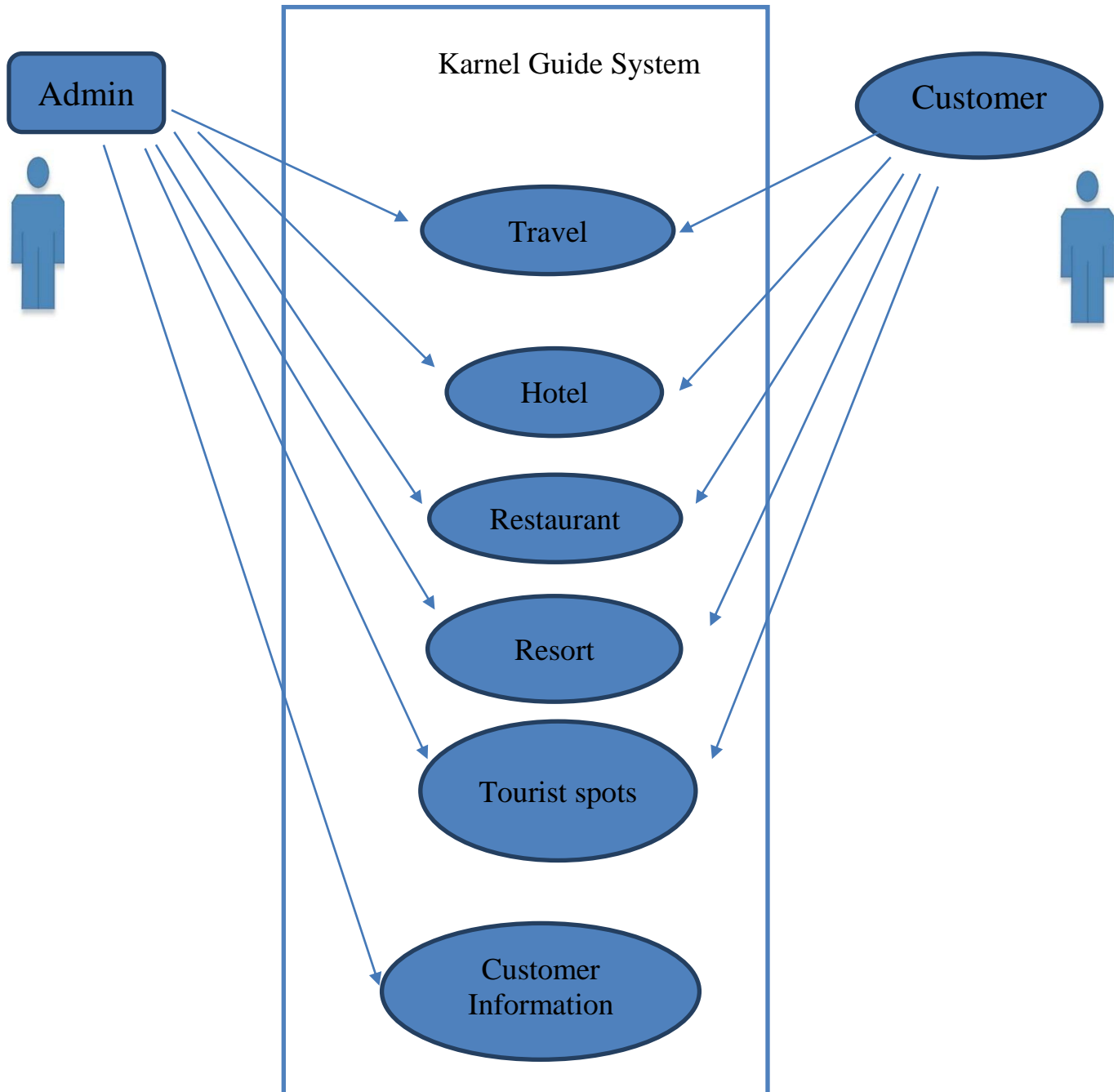
**Data Access Tier:** SQL Server, ADO.NET

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<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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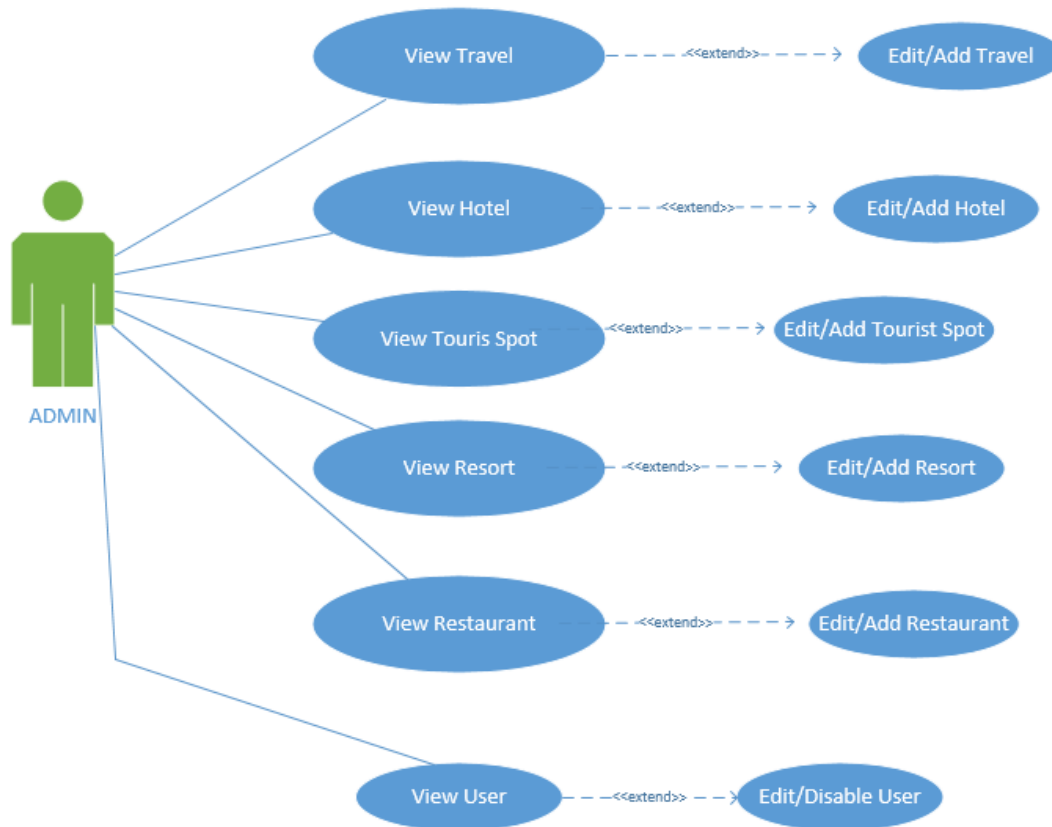
## II. Use Case:



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 26</b>

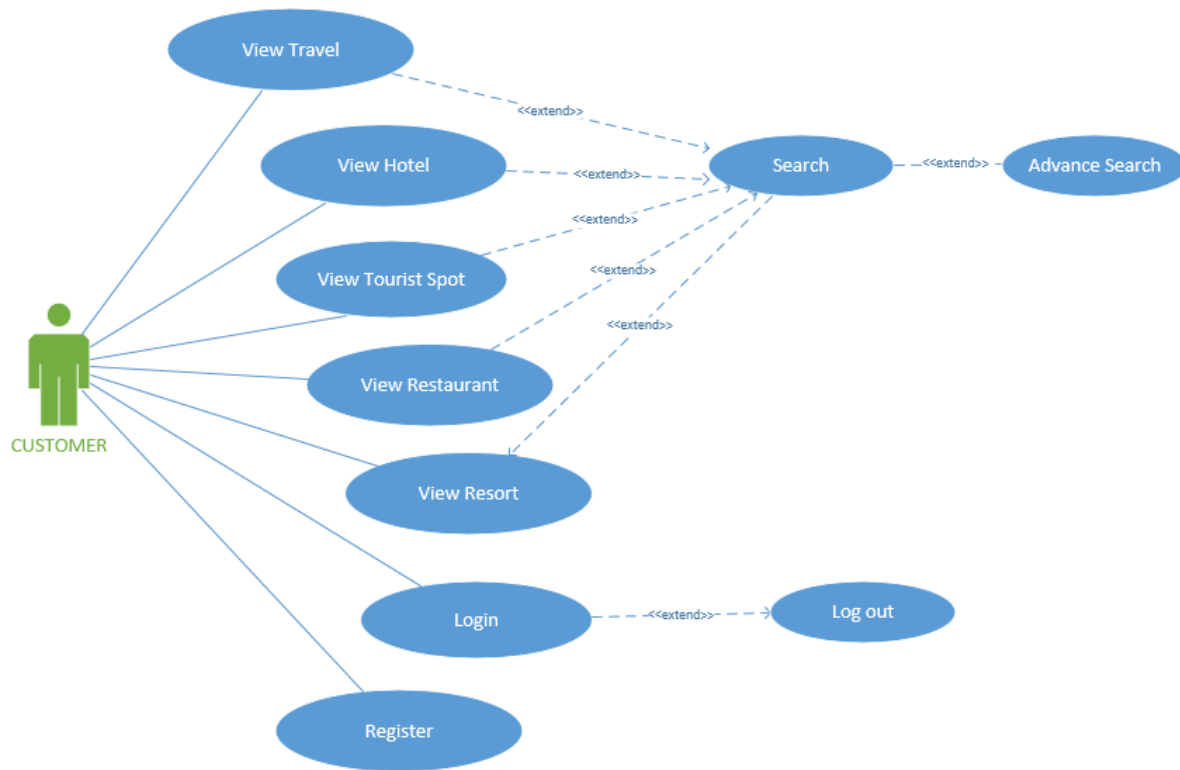
## A. Administrator Use Case:



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 27</b>

### **B. Customer User Cages:**



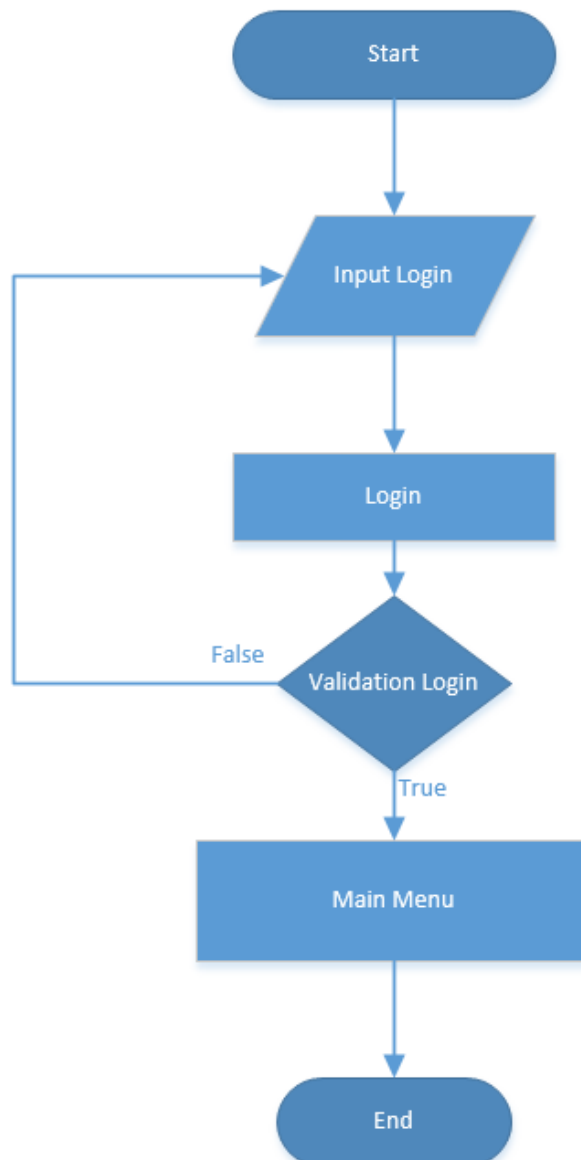
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 28</b>

### III. Functional Main Flow

#### A. Admin

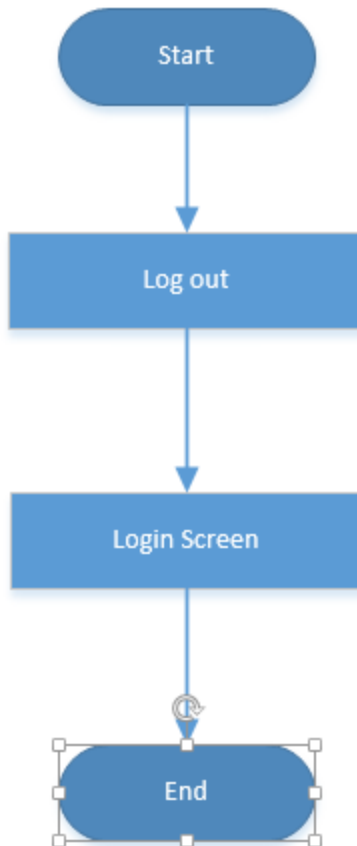
##### 1. Login (Admin + Customer)



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 29</b>

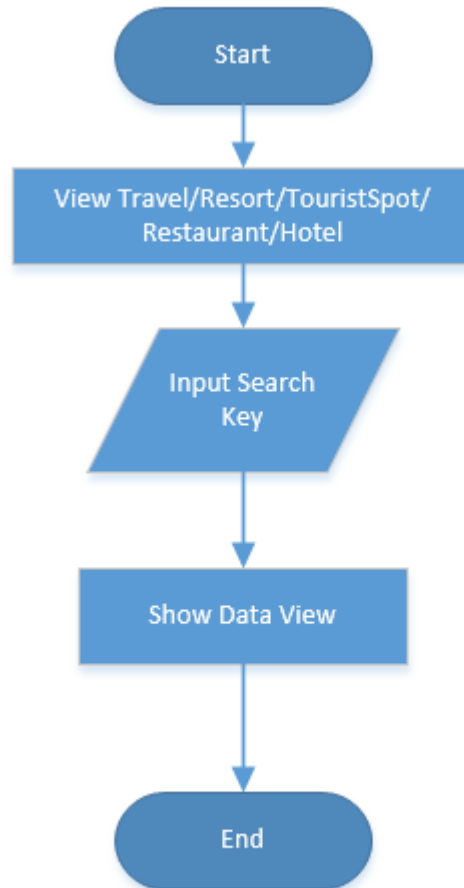
## 2. Logout Admin



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 30</b>

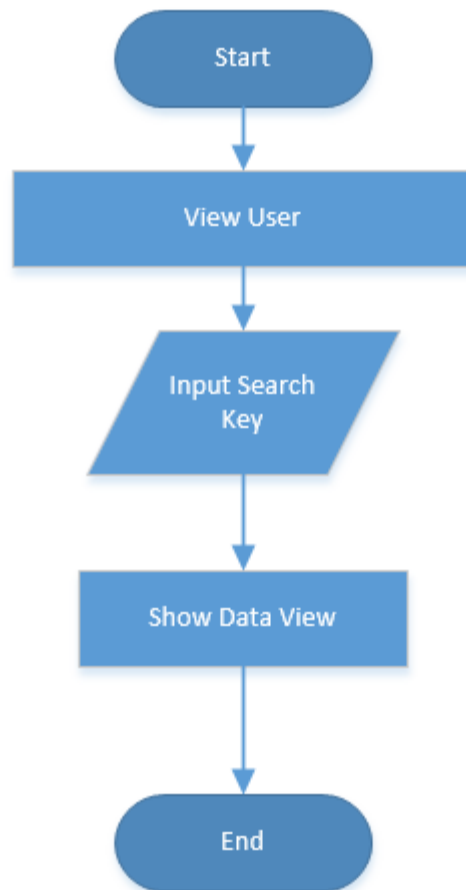
### 3. Search Travel/Hotel/Resort/Tourist Spot/Restaurant (Admin)



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 31</b>

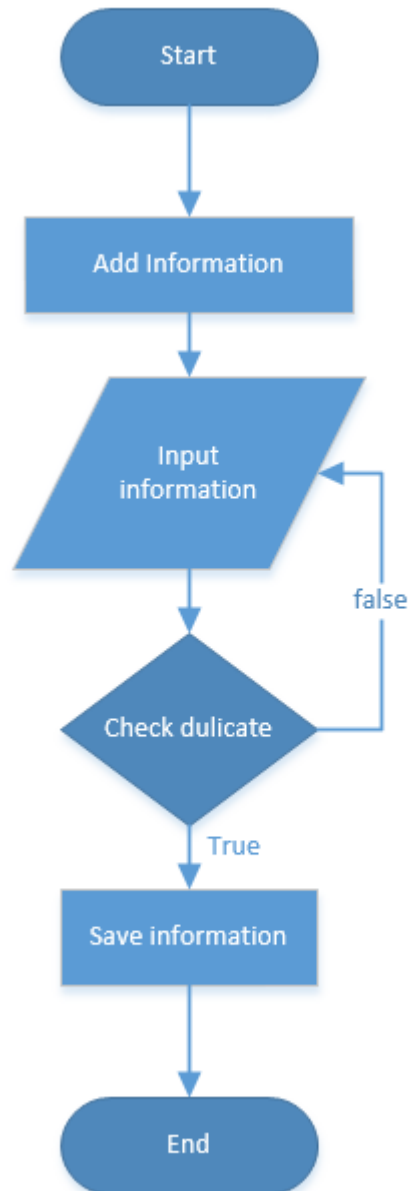
#### 4. Search User (Admin)



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 32</b>

### 5. Add new Hotel/Resort/Restaurant/Tourist Spot/Travel (Admin)

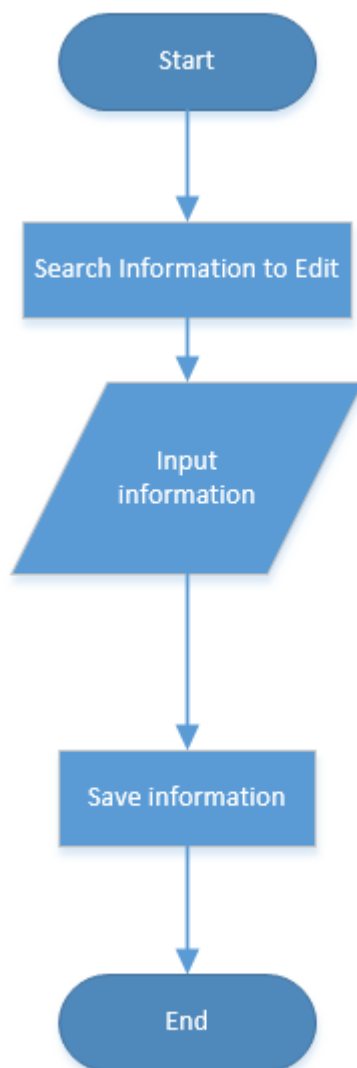


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>



<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 33</b>

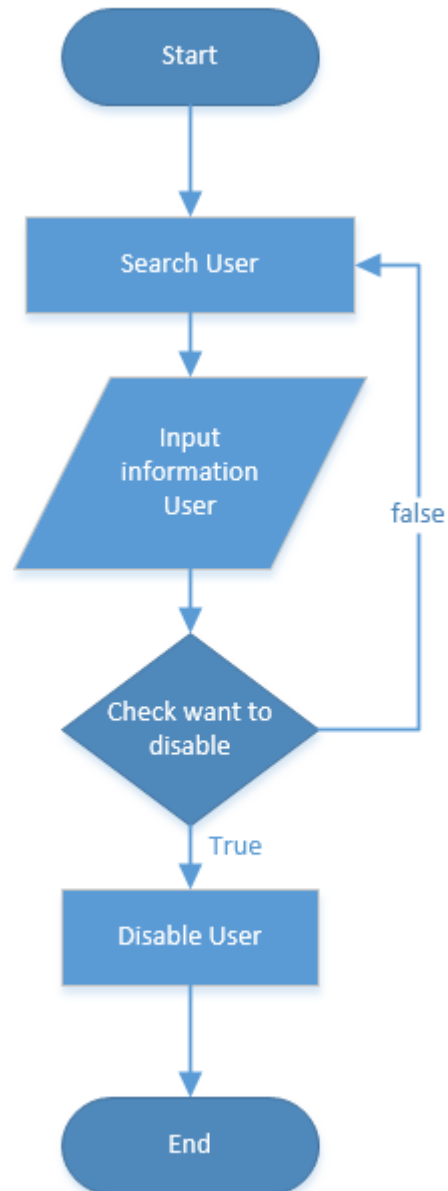
## 6. Edit Hotel/Resort/Restaurant/Tourist Spot/Travel (Admin)



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 34</b>

## 7. Disable user (Admin)

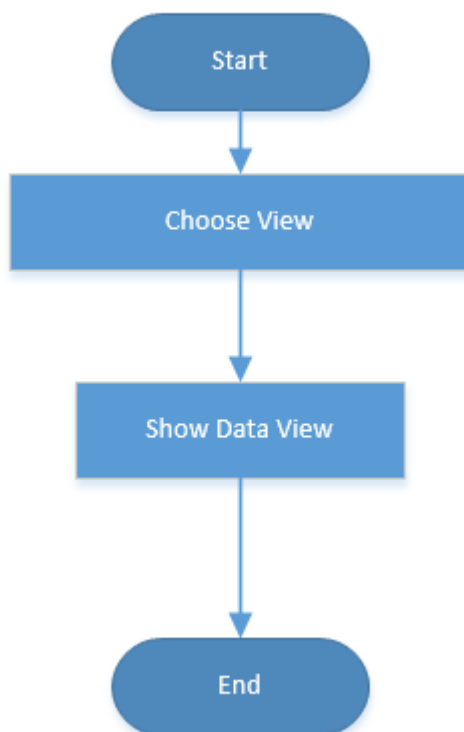


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 35</b>

## **B. Customer**

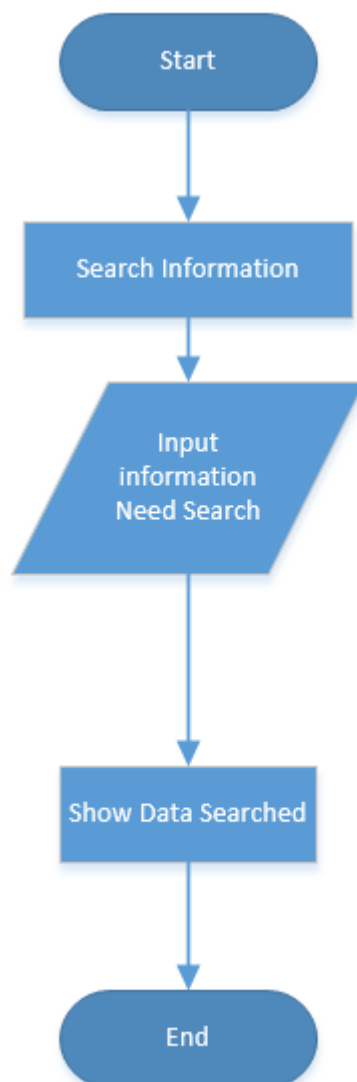
### **1. View Hotel/Travel/Resort/Restaurant/Tourist Spot/Travel**



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 36</b>

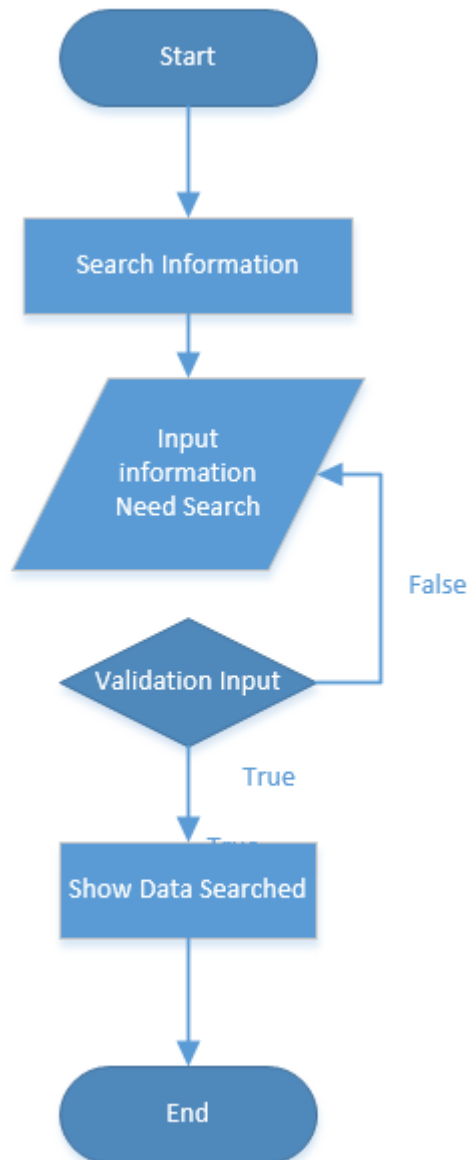
## 2. Search Information (Hotel/Travel/Resort/Restaurant/Tourist Spot/Travel)



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 37</b>

### 3. Advance Search Information (Hotel/Travel/Resort/Restaurant/Tourist Spot/Travel)



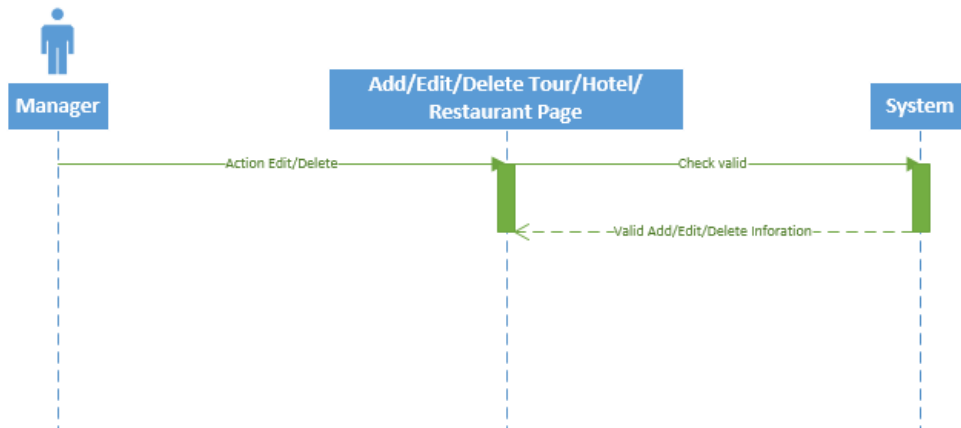
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 38</b>

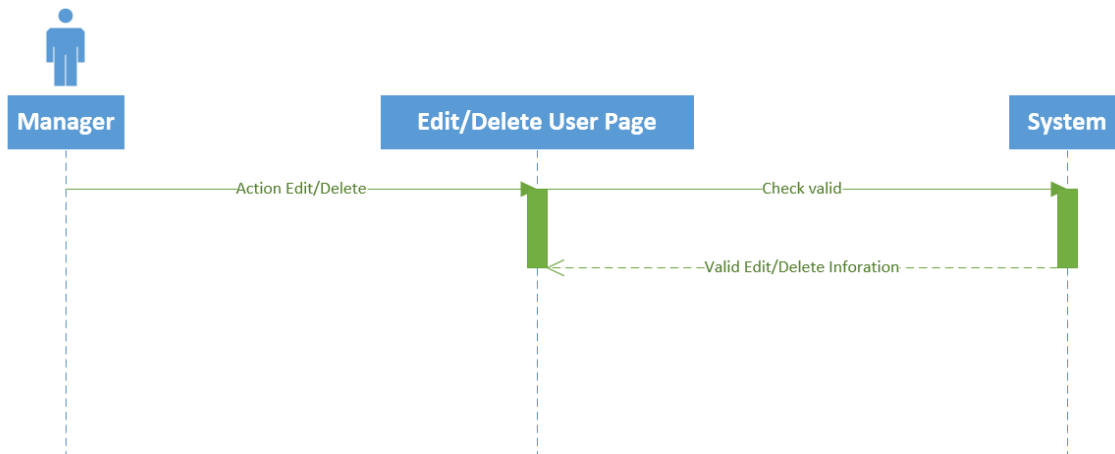
#### IV. Sequence Diagram

##### A. Administrator

##### 1. Add/Edit/Delete:



##### 2. Edit/Delete User:

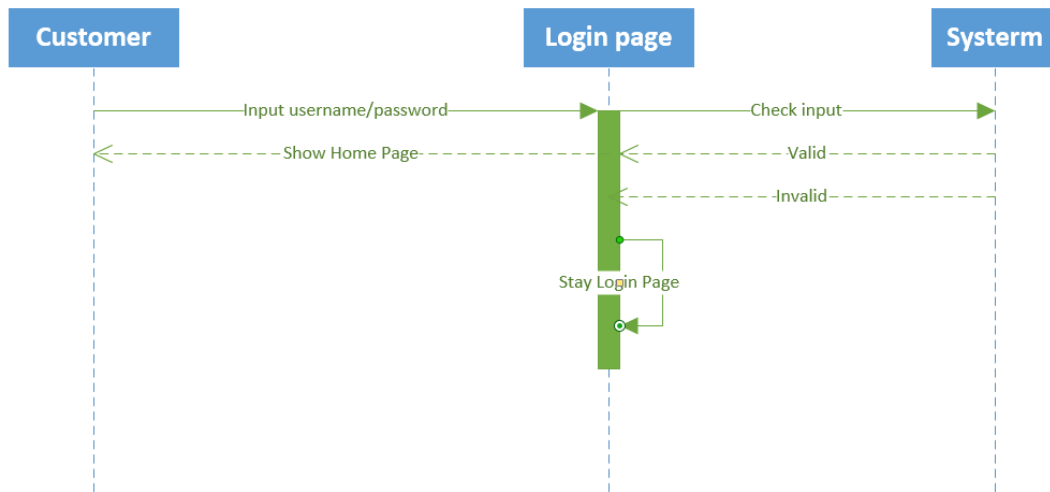


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

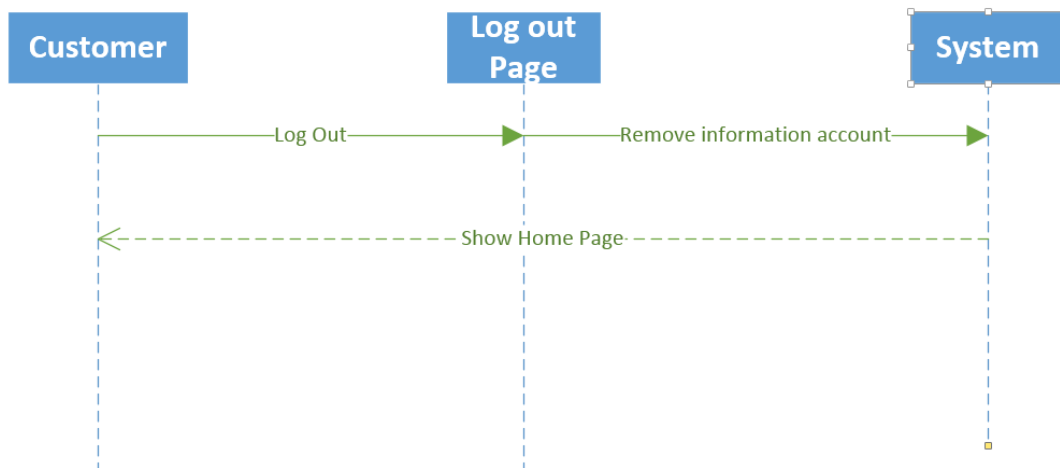
<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 39</b>

## B. Customer

### 1. Login



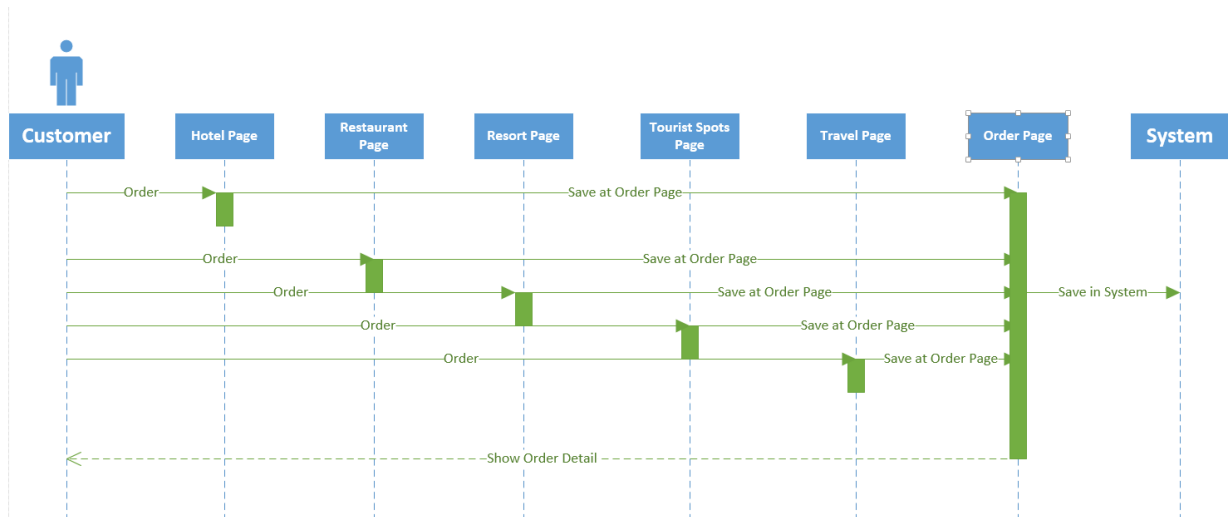
### 2. Logout



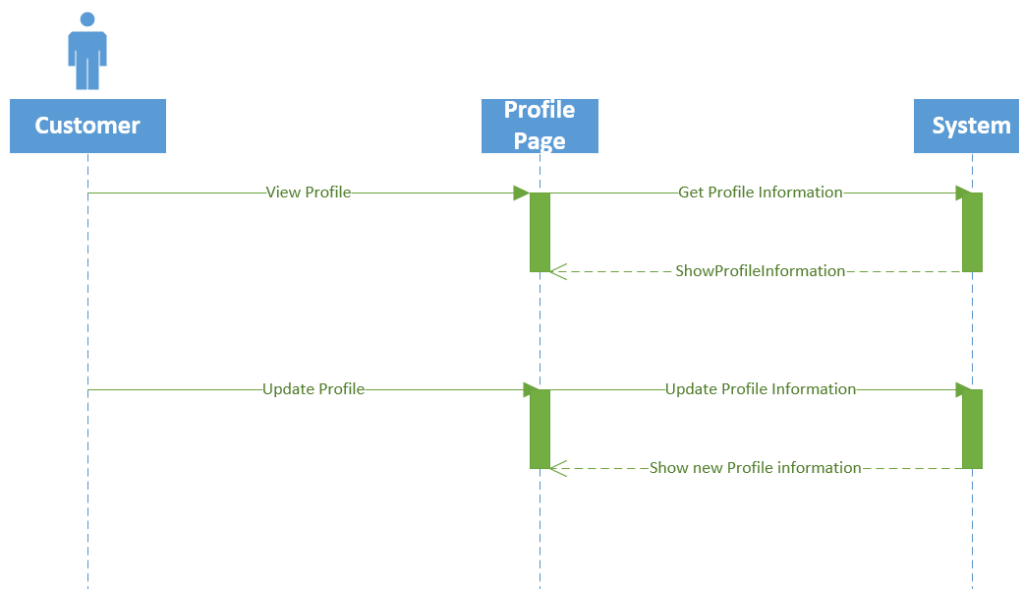
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 40</b>

### 3. Order



### 4. Profile

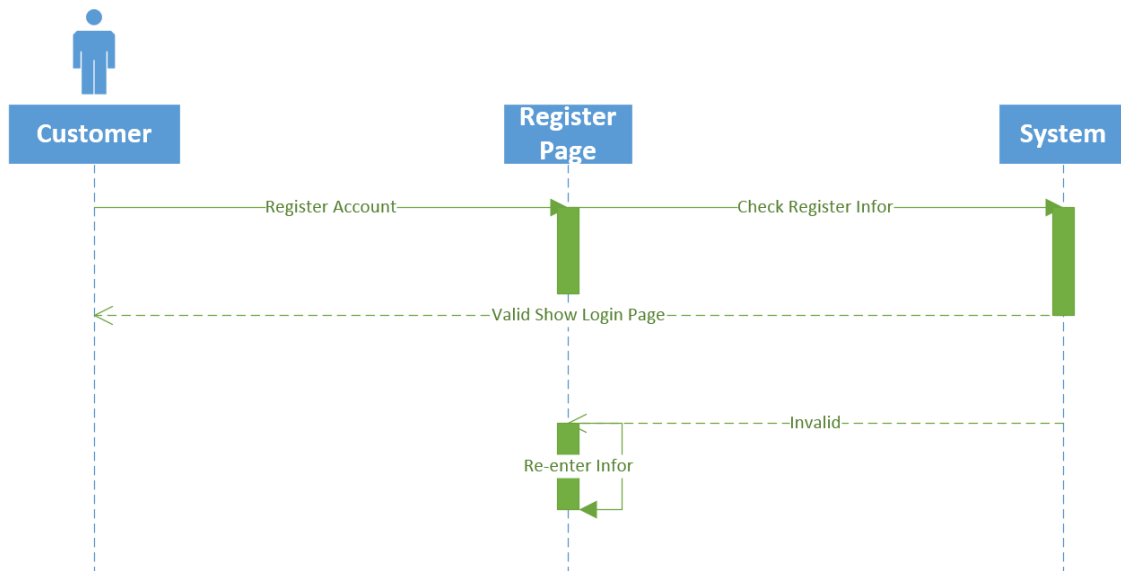


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

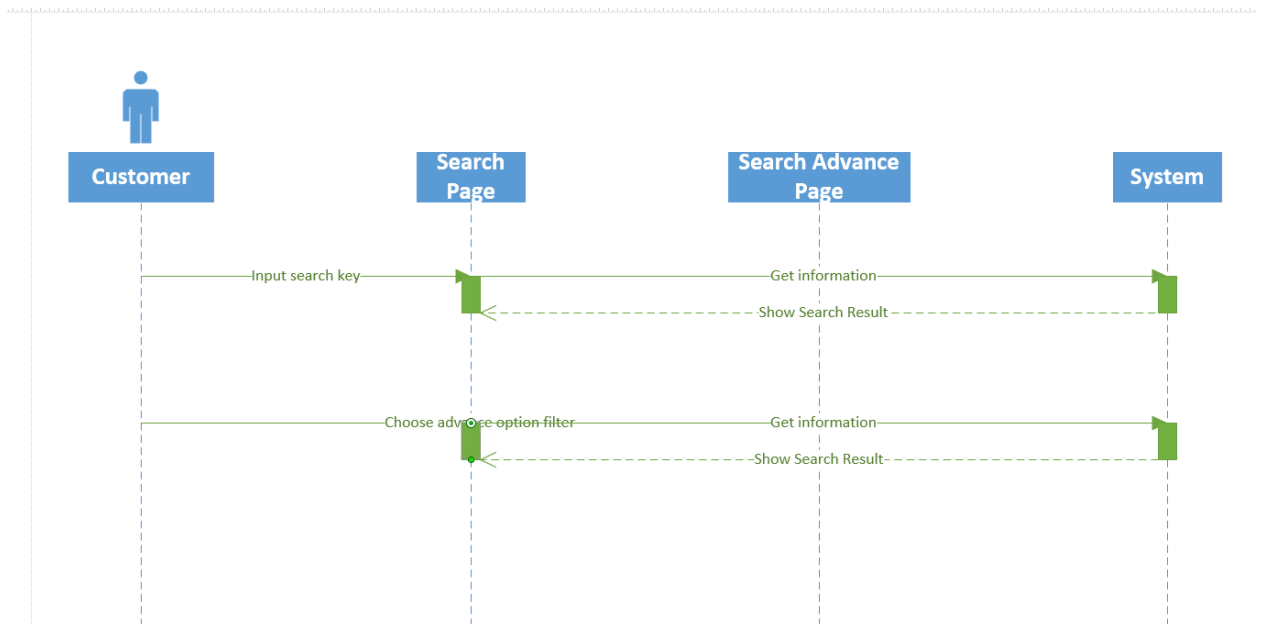


<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 41</b>

## 5. Register



## 6. Search



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 42</b>

## 7. View

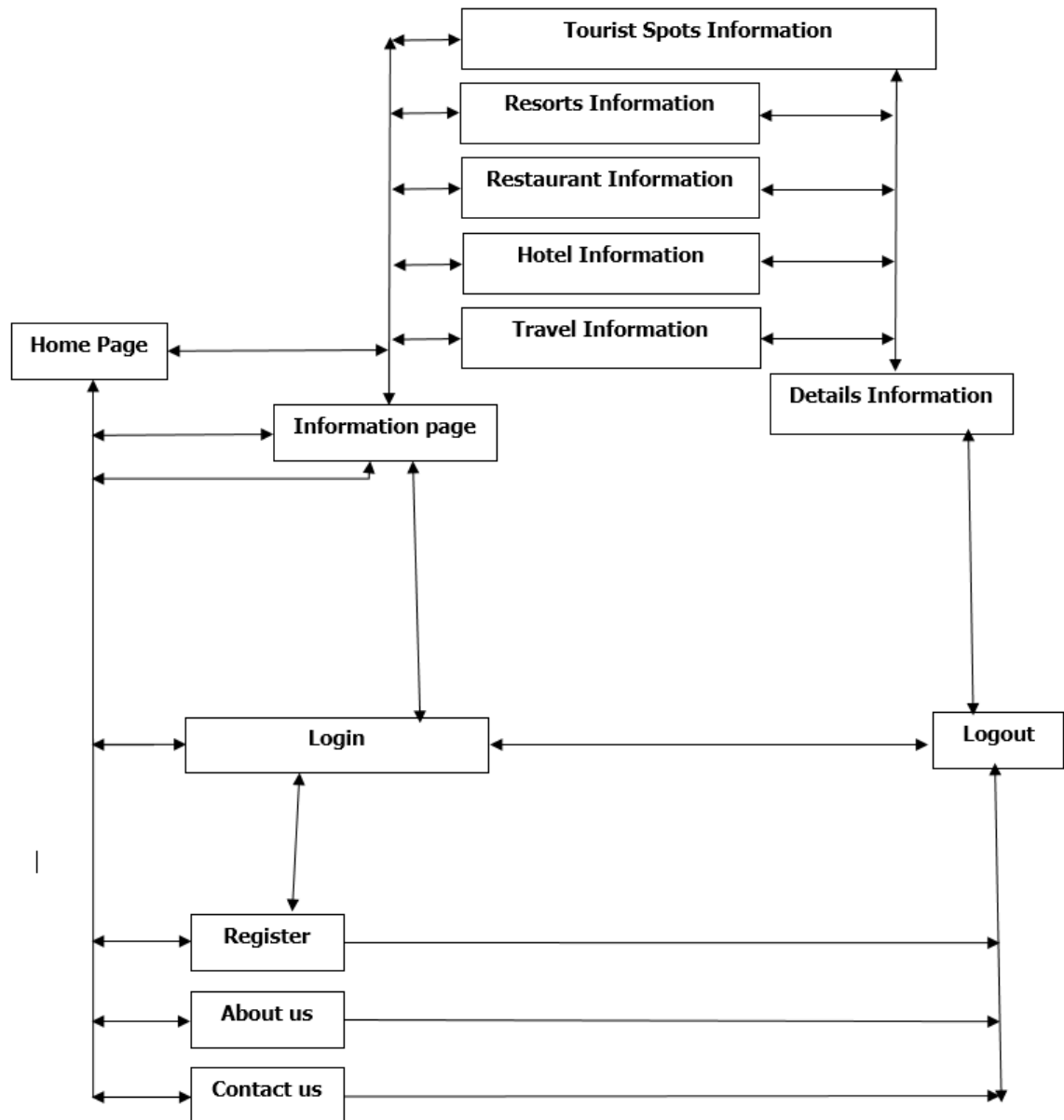


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
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<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 43</b>

## V. Website map

### A. Customer Guide



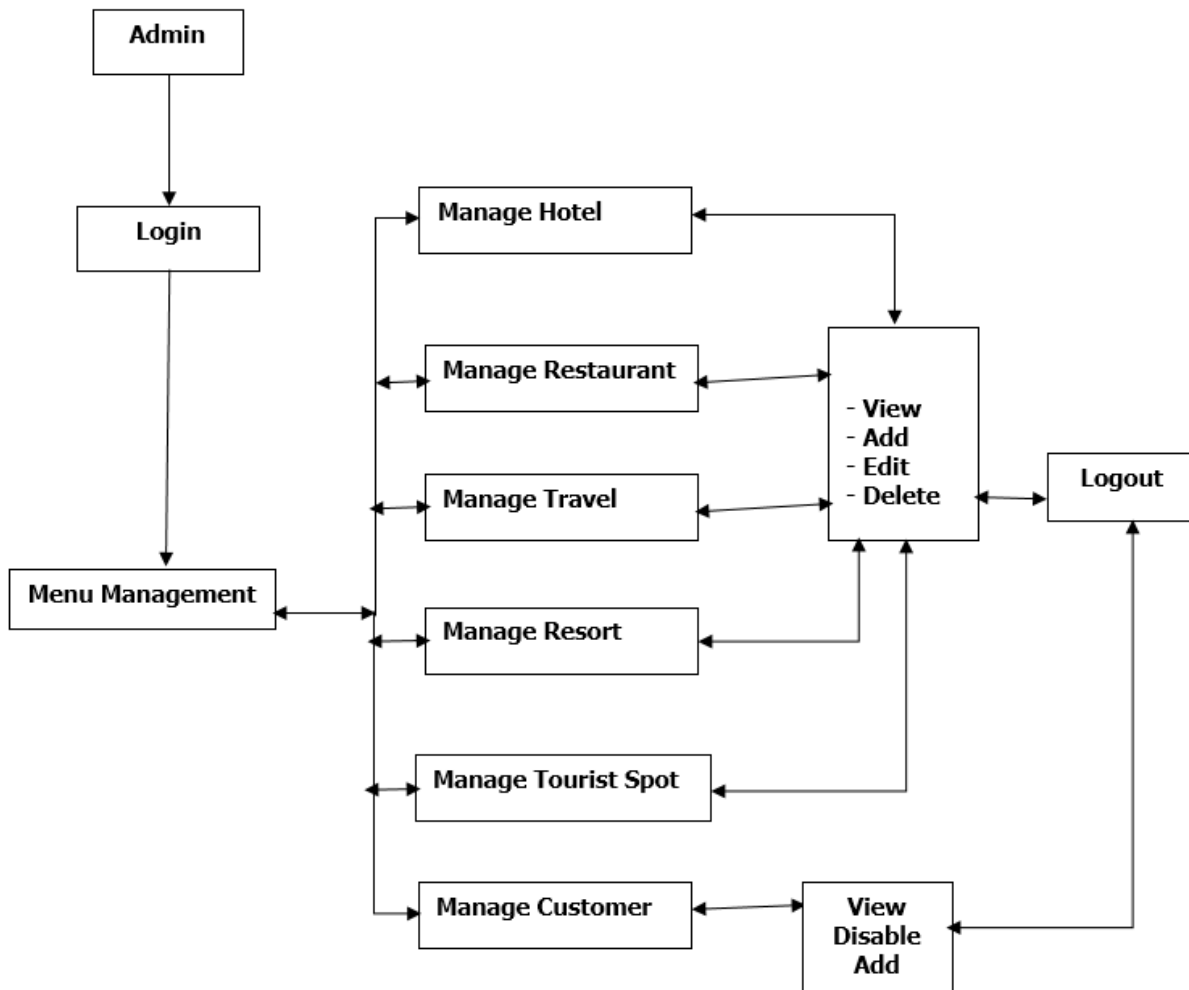
Note: From Page to Page



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 44</b>

## B. Administrator Guide:



Note: From Page to Page

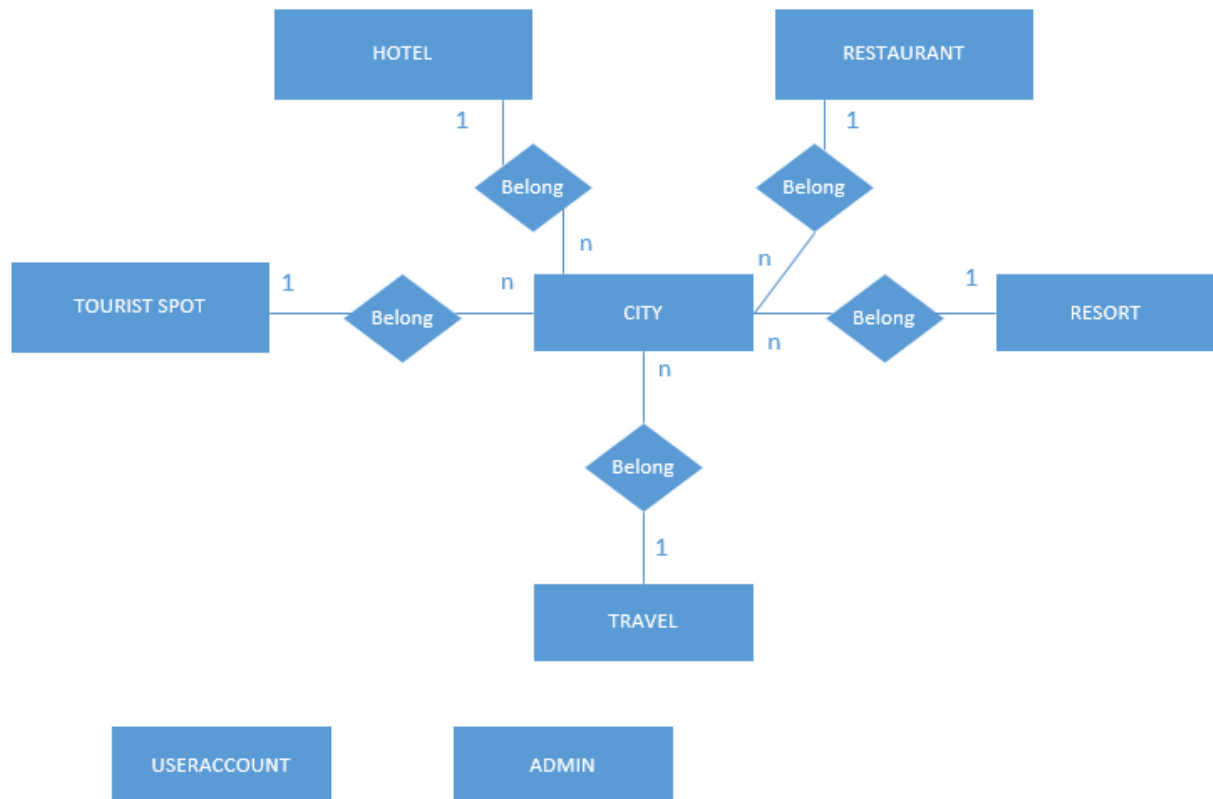


	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 45</b>

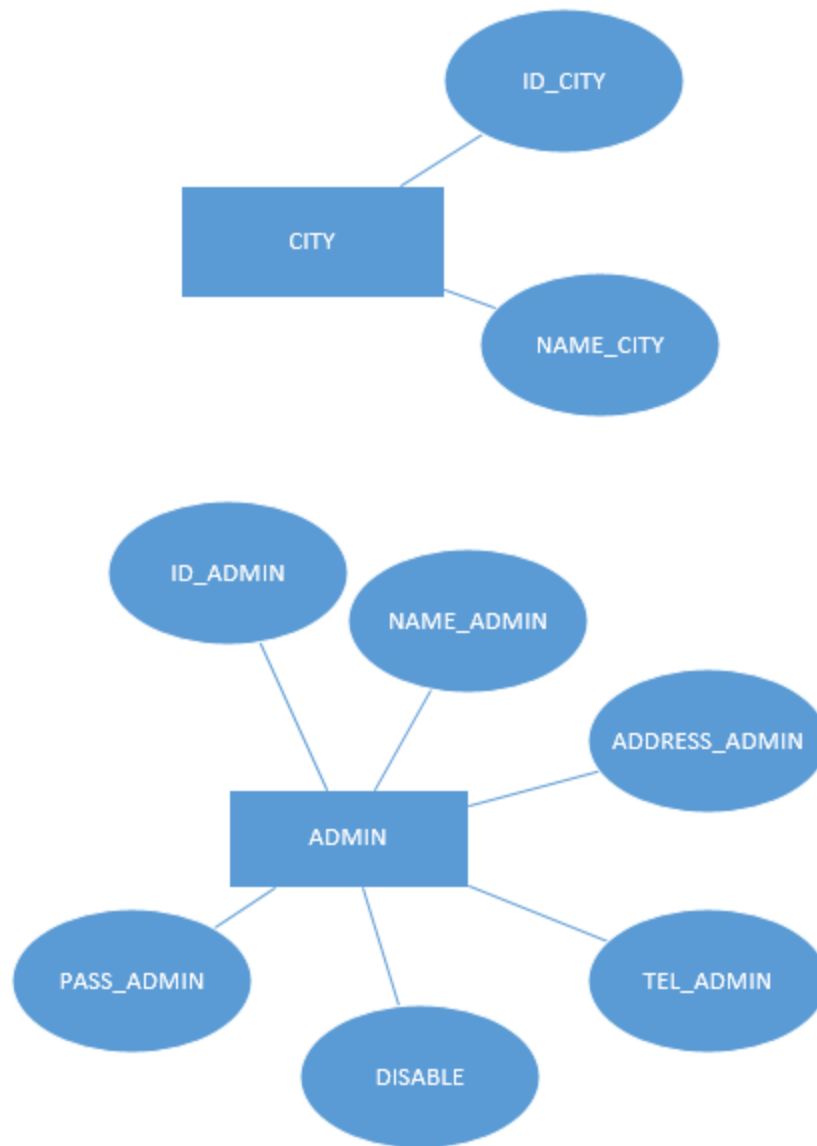
## VI. Entity Relation Diagram:

ENTITY RELATION DIAGRAM



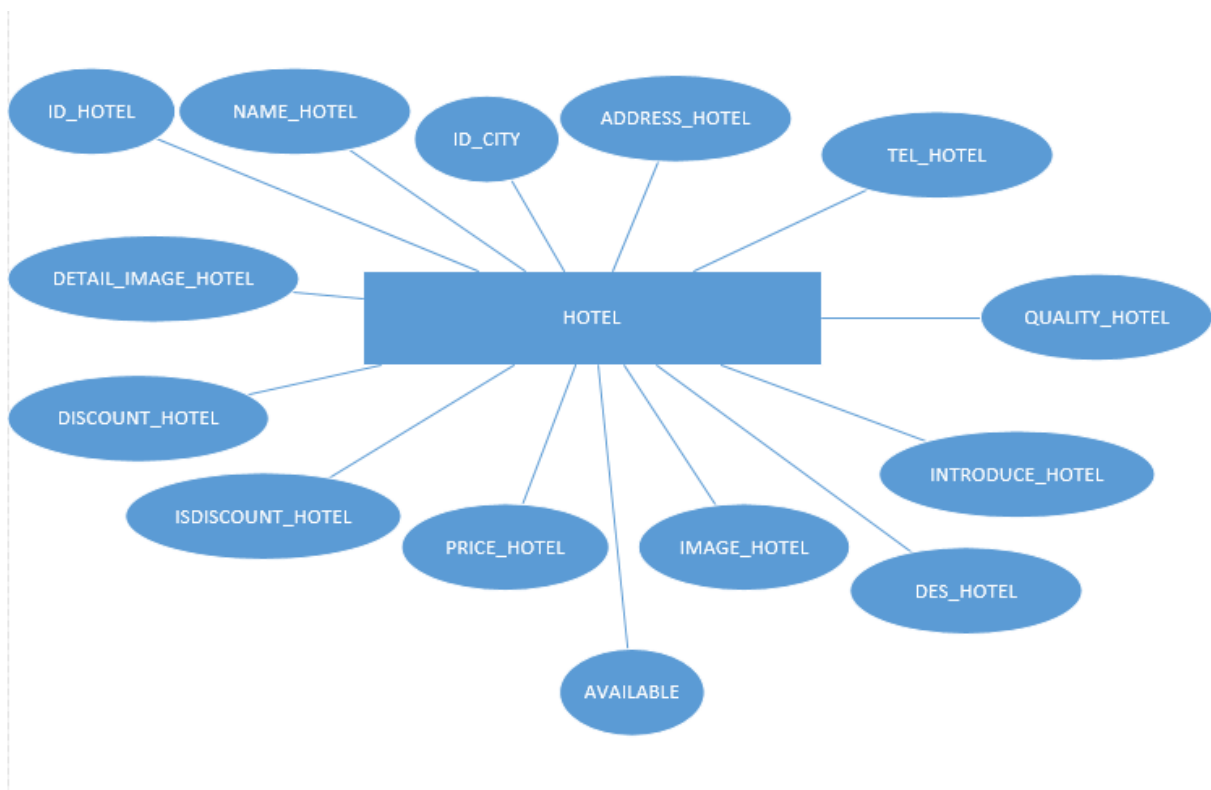
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<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 46</b>



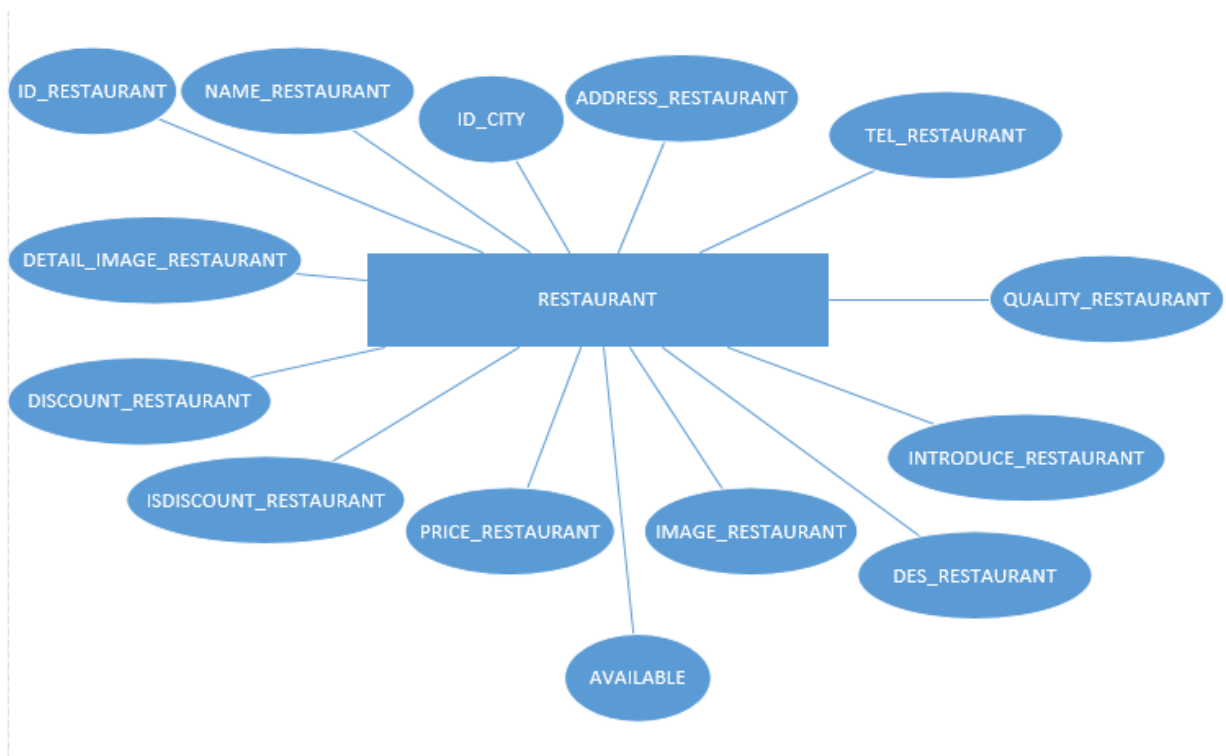
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 47</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

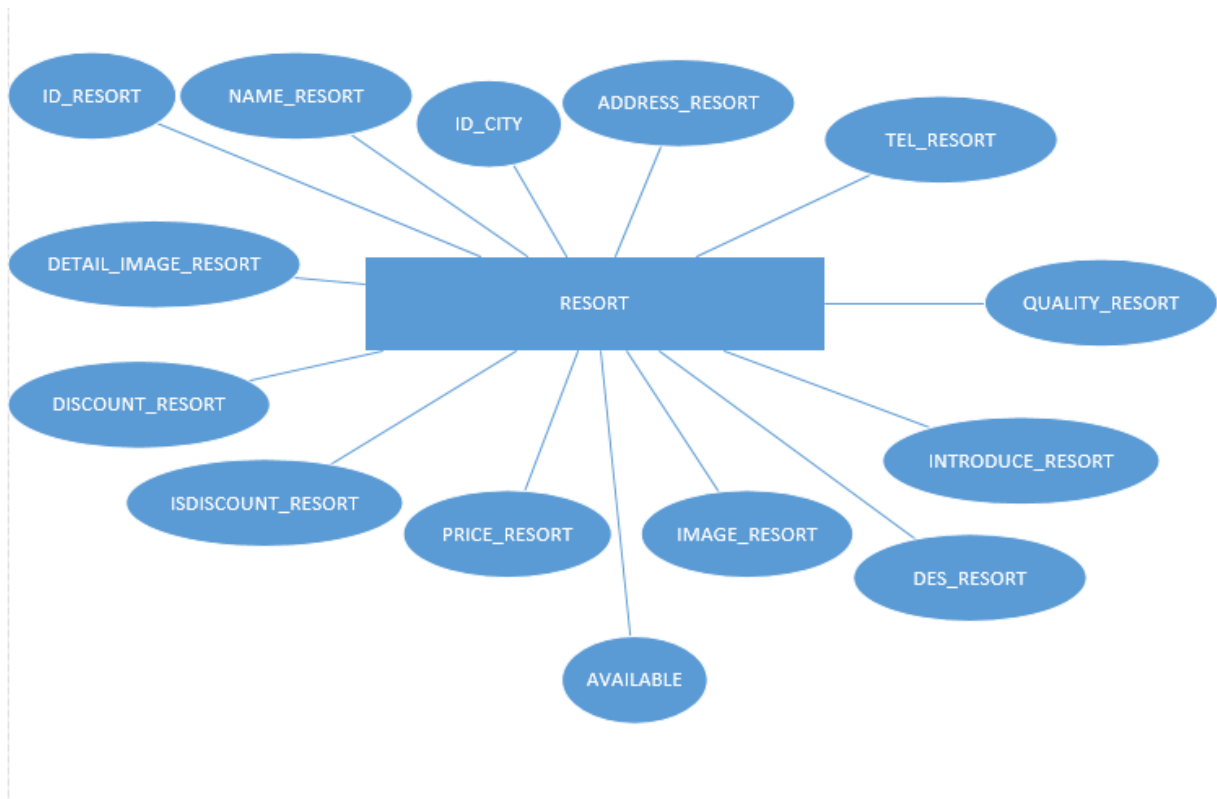
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<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 48</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

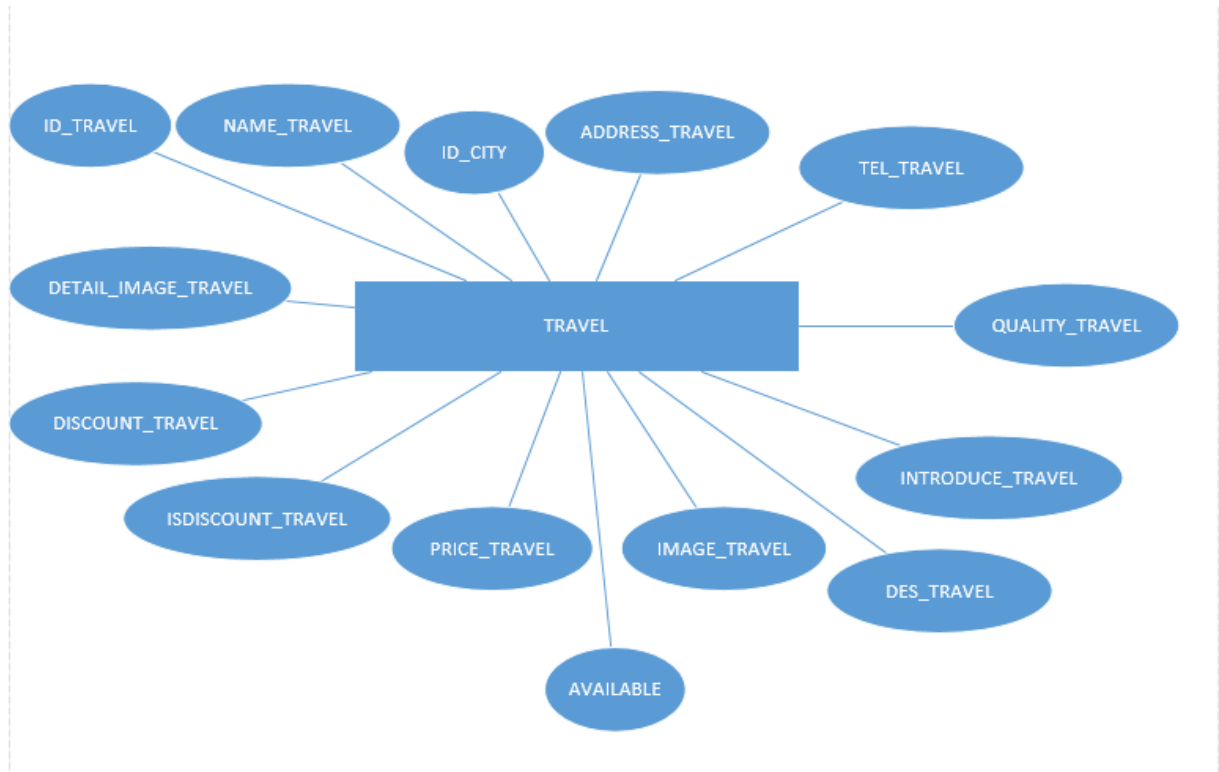


<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 49</b>



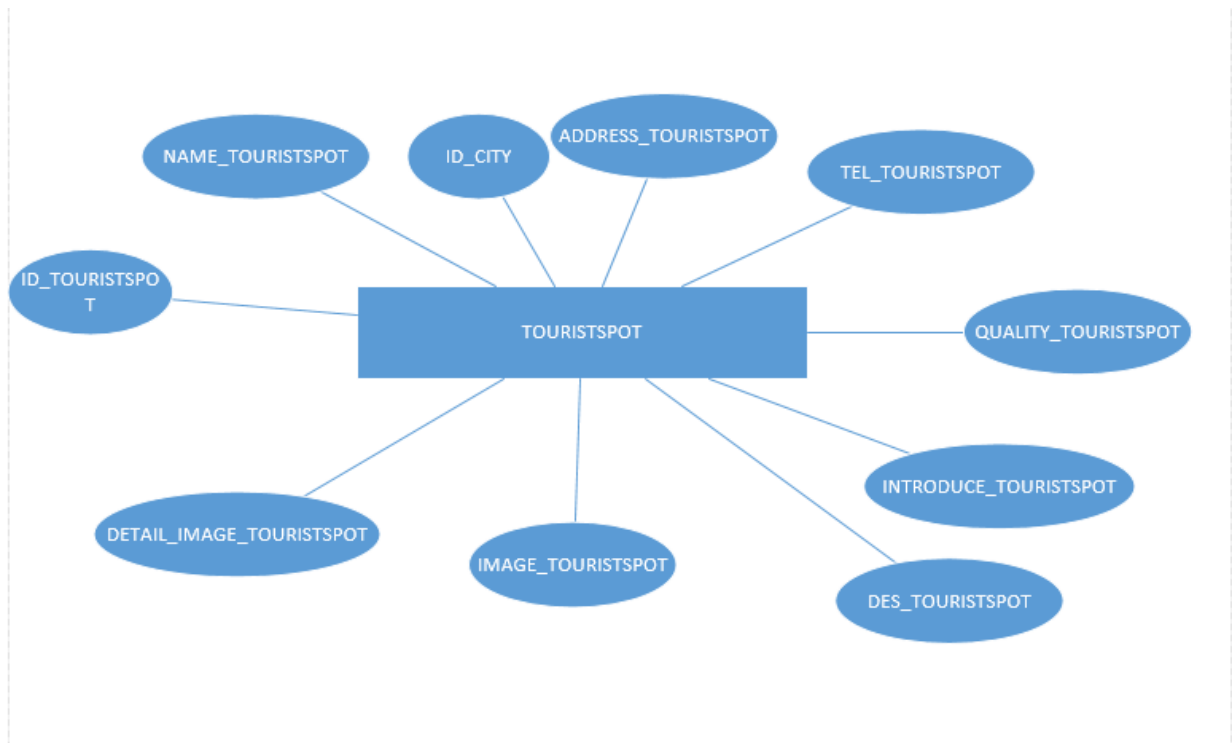
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<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 50</b>



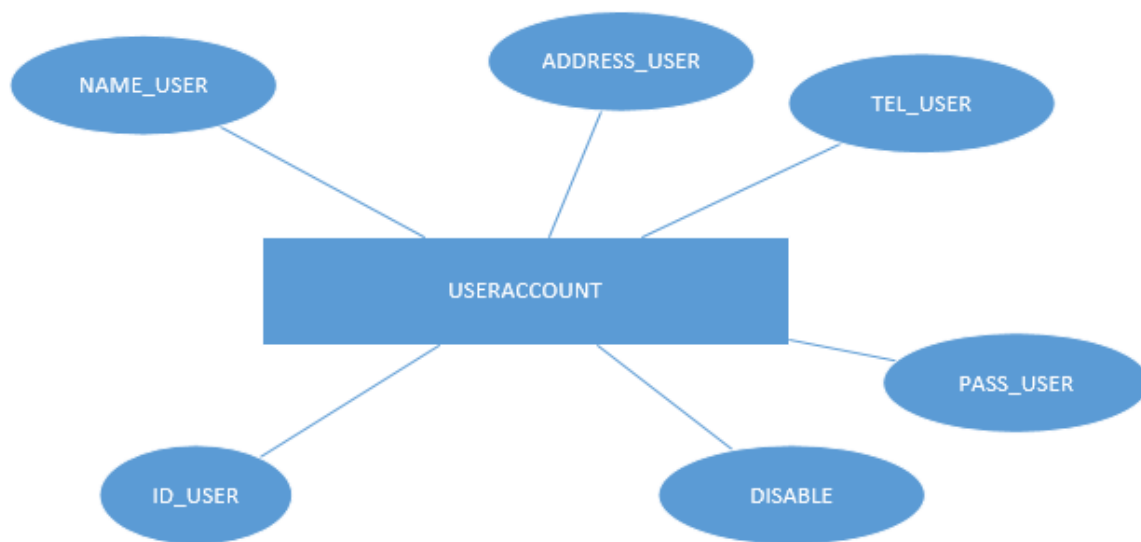
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	<b>Project Group No: 4</b>	
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<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 51</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
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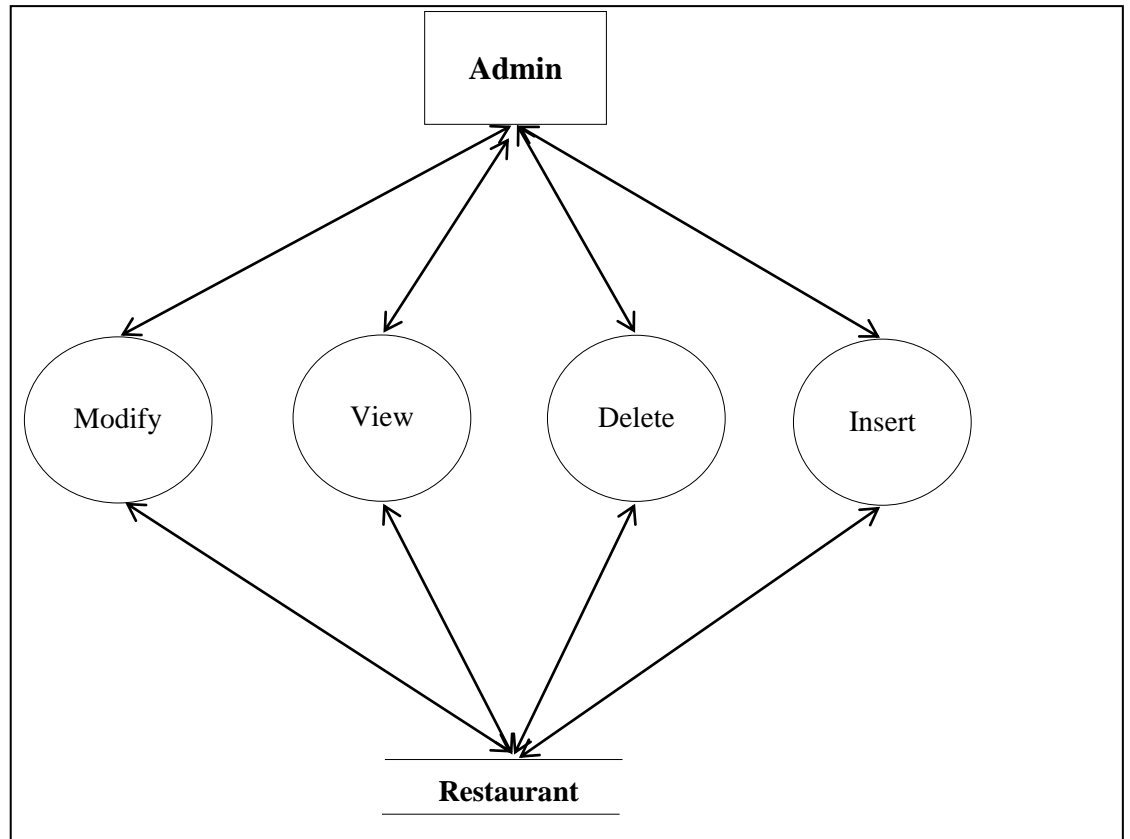
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<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 52</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

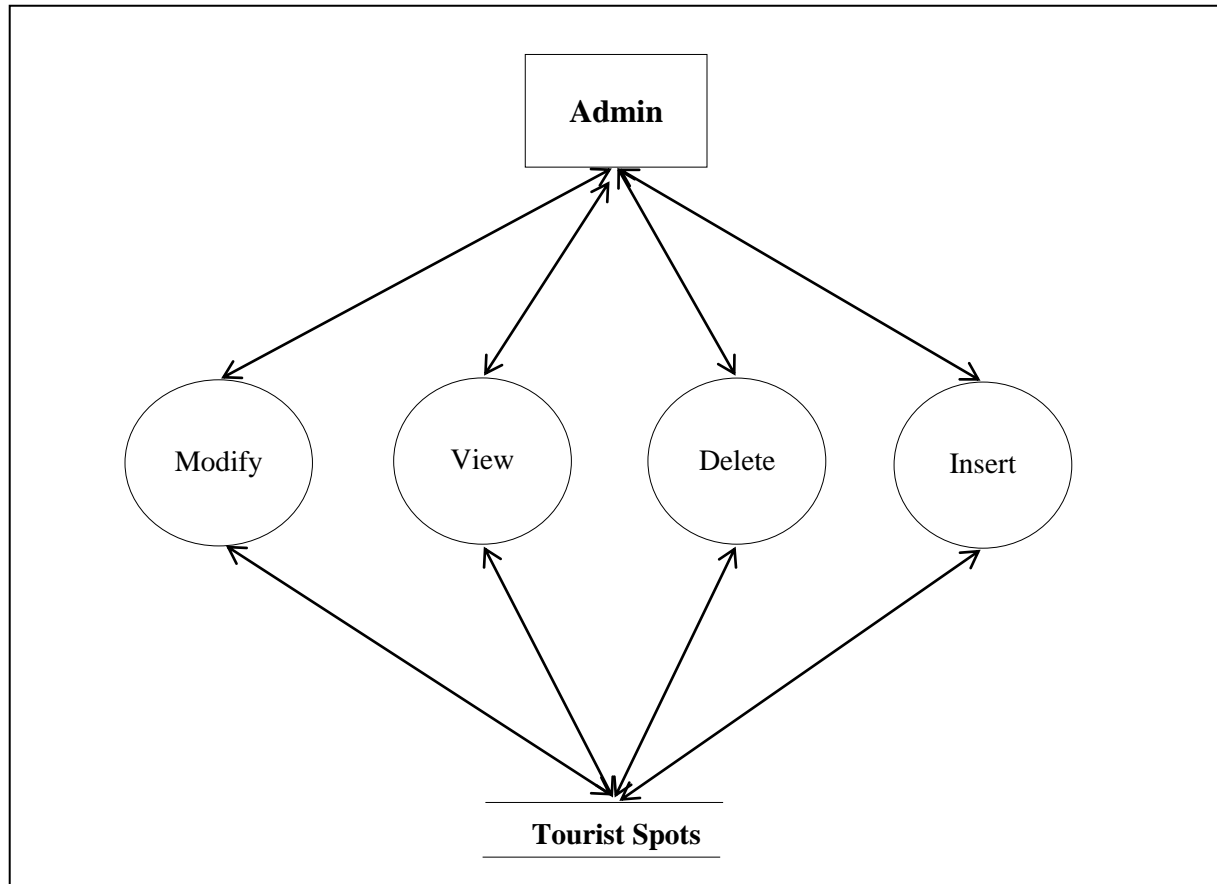
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<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 53</b>

**VII. Data flow**  
**Admin**



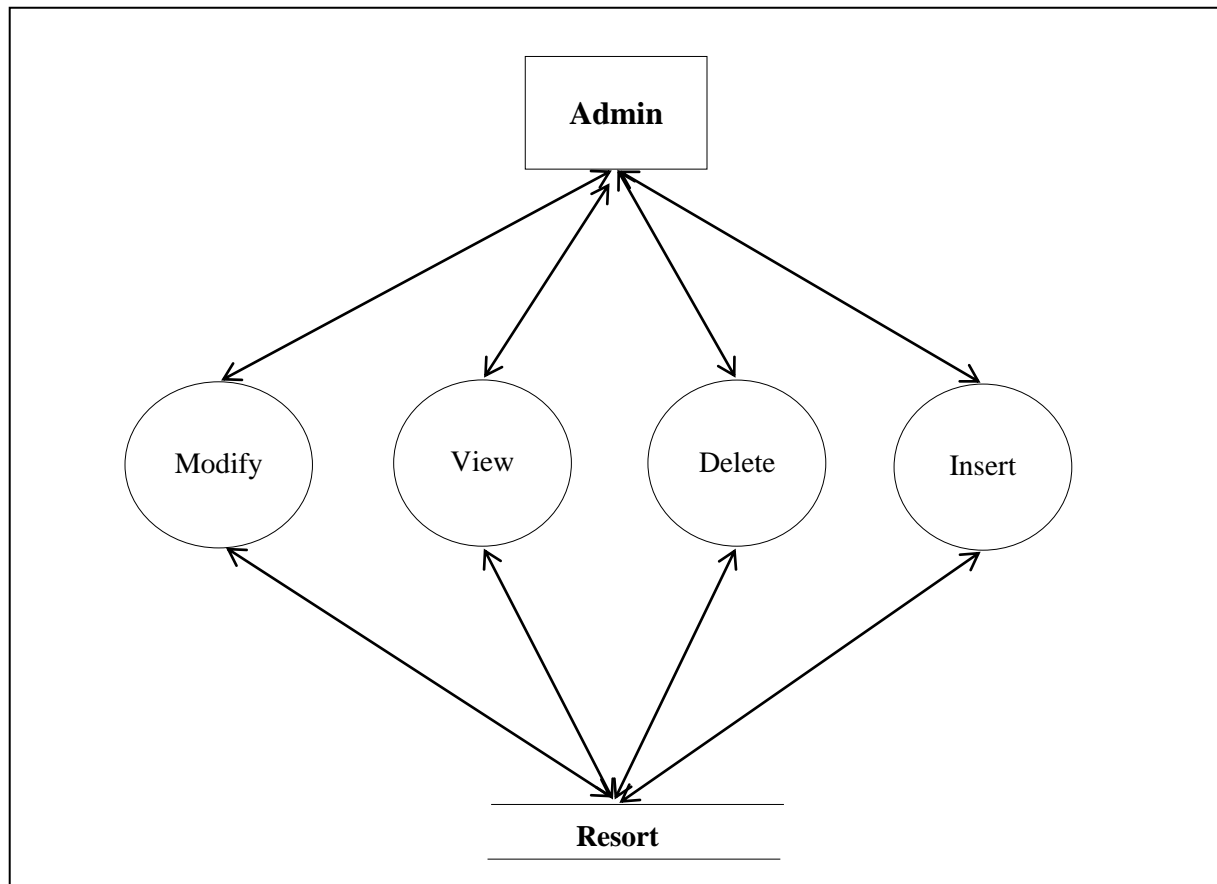
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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 54</b>



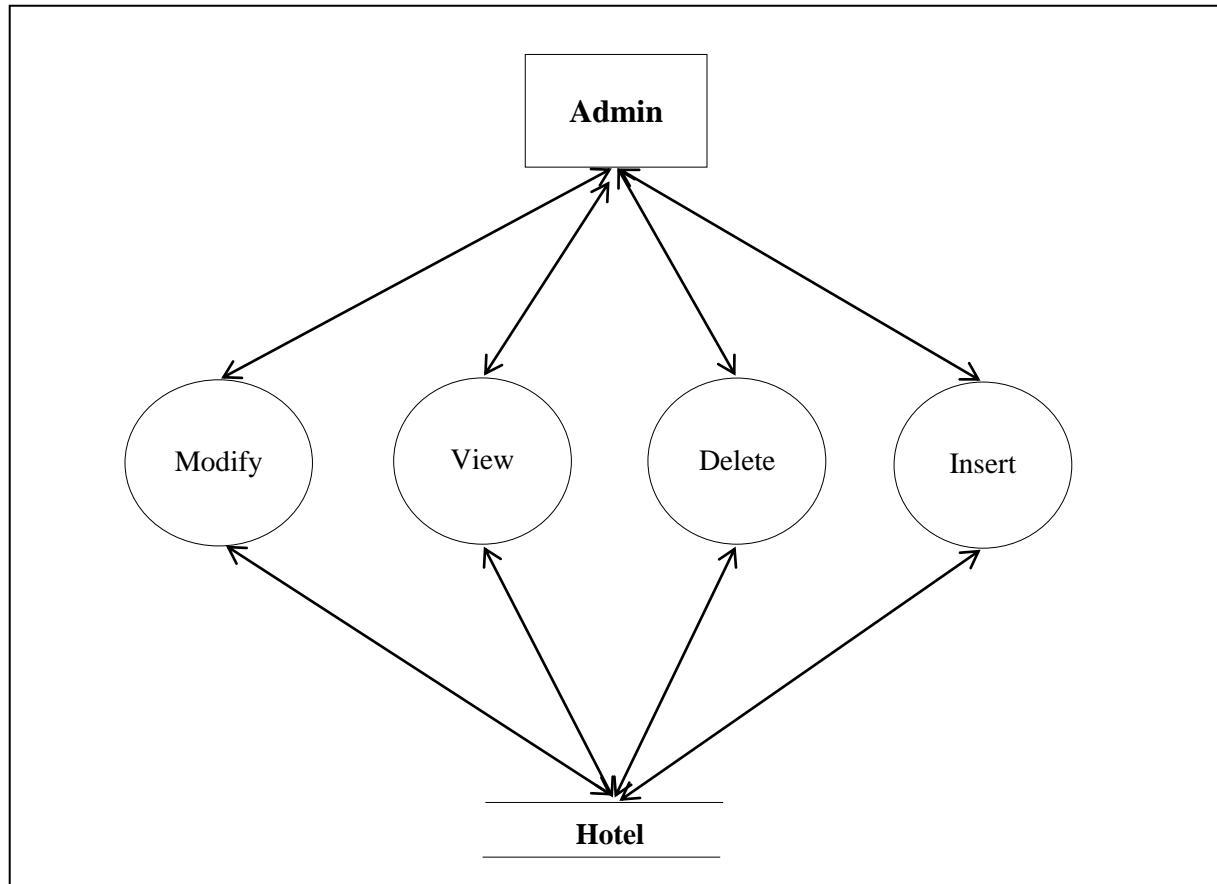
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 55</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

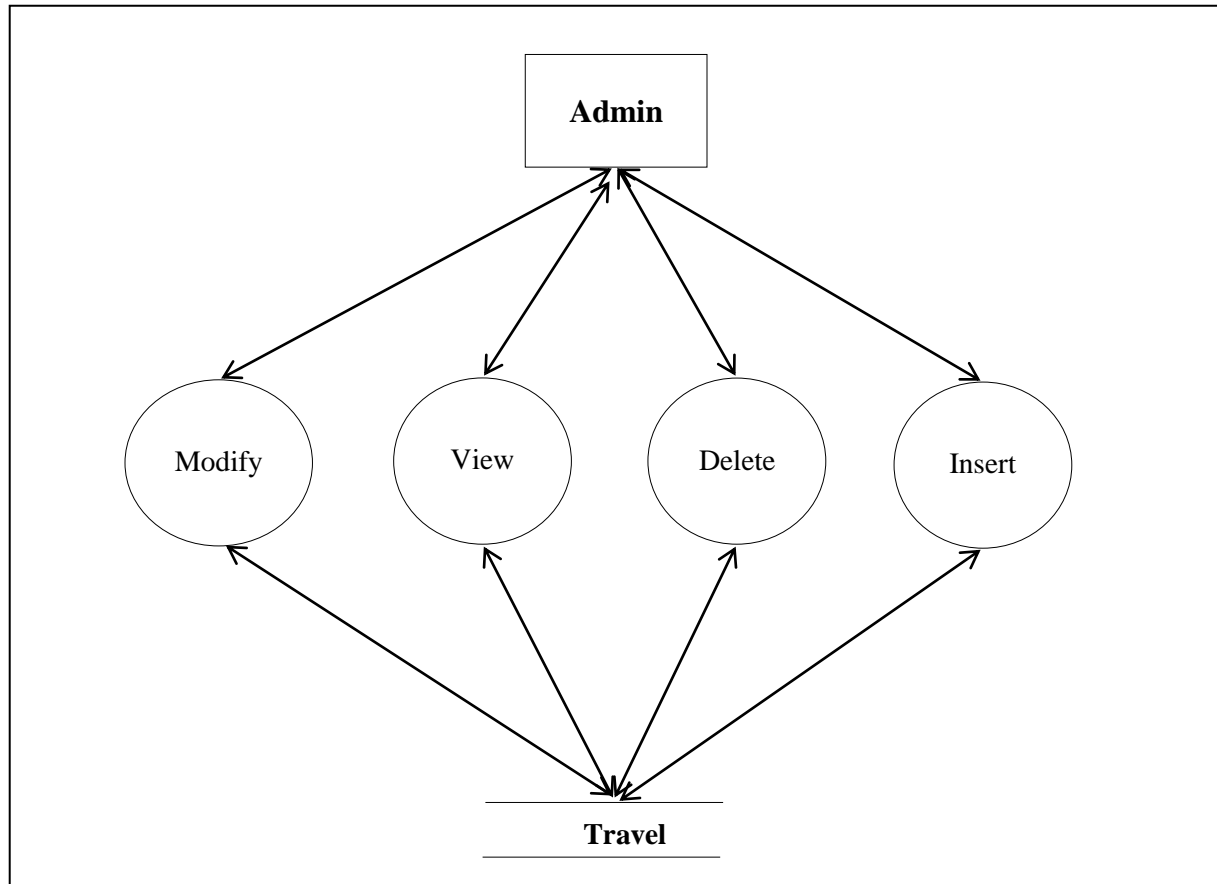
<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 56</b>



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

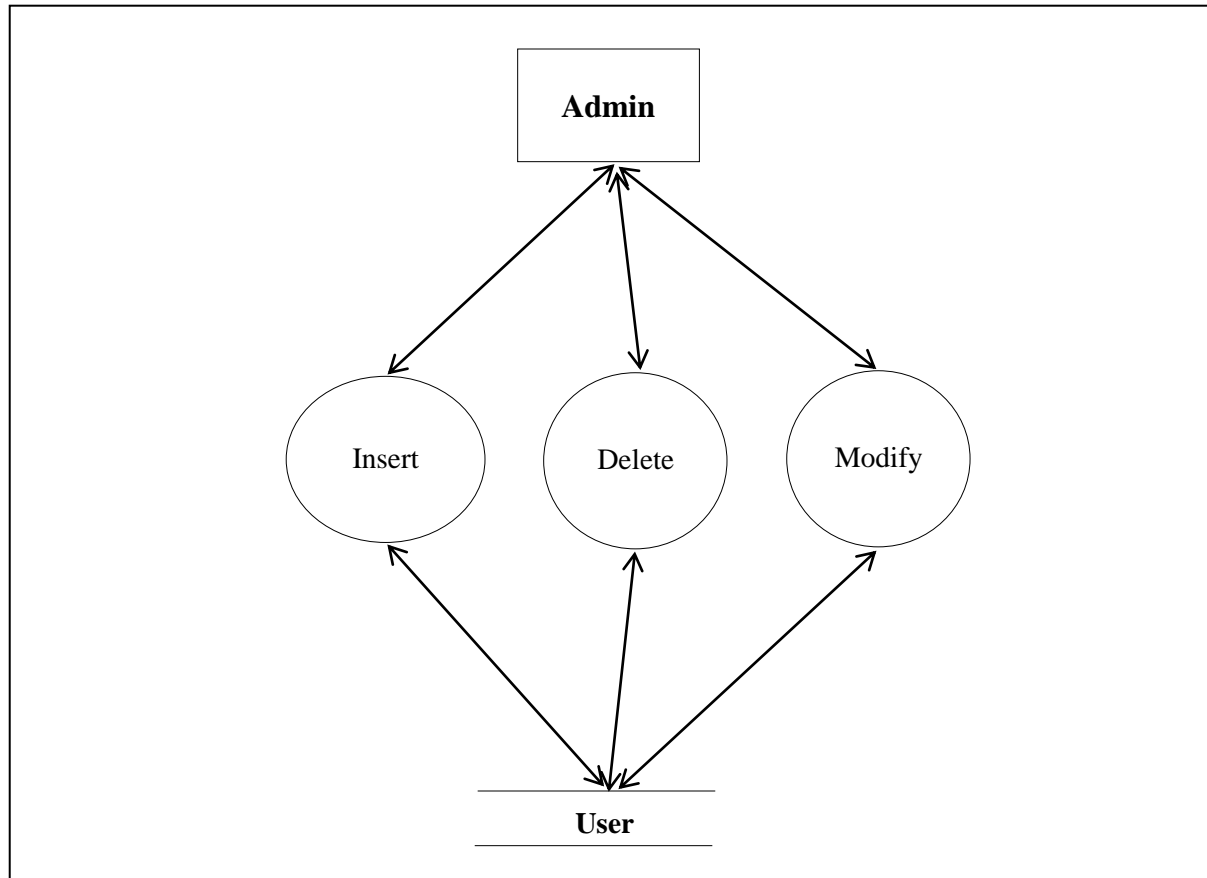


<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## Task Sheet Review 2

Members Group		Date Preparation of Activity Plan			
No	Name	Description Task	Start Date	End Date	Status
1	Hồ Hoàn Vũ	Architecture & Design Sequence Diagram Use Case ERD	<b>Oct 8,2018</b>	<b>Oct 11,2018</b>	Completed
2	Vũ Ngọc Trường	Data flow Functional Flow	<b>Oct 8,2018</b>	<b>Oct 11,2018</b>	Completed
3	Đoàn Khánh Nhi	Use Case Site Map ERD	<b>Oct 8,2018</b>	<b>Oct 11,2018</b>	Completed
Teacher			Team Leader		
<b>Dinh Vu Quoc Trung</b>			<b>Hồ Hoàn Vũ</b>		

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

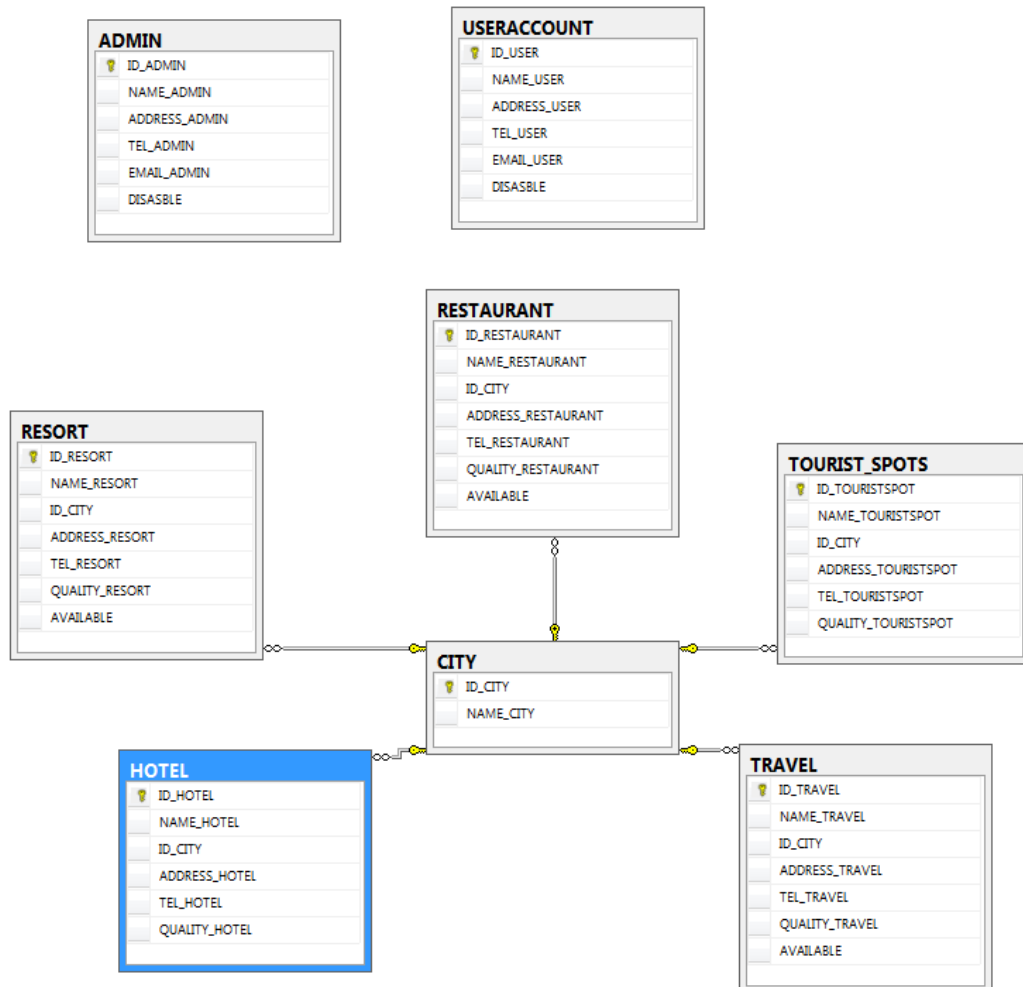
<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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# REVIEW 3

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## I. ERD Diagram:



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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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Hotel Table				
Column Name	Data Type	Length	Allow Nulls	Description
ID_HOTEL	int, (PK)		<input type="checkbox"/>	ID Hotel
NAME_HOTEL	varchar	200	<input type="checkbox"/>	Name of Hotel
ID_CITY	varchar	3	<input type="checkbox"/>	ID City
TEL_HOTEL	varchar	10	<input type="checkbox"/>	Tel of hotel
ADDRESS_HOTEL	varchar	200		Address hotel
QUALITY_HOTEL	int		<input type="checkbox"/>	Quality of hotel

Restaurant Table				
Column Name	Data Type	Length	Allow Nulls	Description
ID_RESTAURANT	int, (PK)		<input type="checkbox"/>	ID Restaurant
NAME_RESTAURANT	varchar	200	<input type="checkbox"/>	Name of Restaurant
ID_CITY	varchar	3	<input type="checkbox"/>	ID City
TEL_RESTAURANT	varchar	10	<input type="checkbox"/>	Tel of Restaurant
ADDRESS_RESTAURANT	varchar	200		Address Restaurant
QUALITY_RESTAURANT	int		<input type="checkbox"/>	Quality of Restaurant

Resort Table				
Column Name	Data Type	Length	Allow Nulls	Description
ID_RESORT	int, (PK)		<input type="checkbox"/>	ID Resort
NAME_RESORT	varchar	200	<input type="checkbox"/>	Name of Resort
ID_CITY	varchar	3	<input type="checkbox"/>	ID City
TEL_RESORT	varchar	10	<input type="checkbox"/>	Tel of Resort
ADDRESS_RESORT	varchar	200		Address Resort
QUALITY_RESORT	int		<input type="checkbox"/>	Quality of Resort

Travel Table				
Column Name	Data Type	Length	Allow Nulls	Description
ID_TRAVEL	int, (PK)		<input type="checkbox"/>	ID Travel

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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 64</b>

NAME_TRAVEL	varchar	200	<input type="checkbox"/>	Name of Travel
ID_CITY	varchar	3	<input type="checkbox"/>	ID City
TEL_TRAVEL	varchar	10	<input type="checkbox"/>	Tel of Travel
ADDRESS_TRAVEL	varchar	200		Address Travel
QUALITY_TRAVEL	int		<input type="checkbox"/>	Quality of Travel

<b>TOURIST_SPOTS Table</b>				
<b>Column Name</b>	<b>Data Type</b>	<b>Length</b>	<b>Allow Nulls</b>	<b>Description</b>
ID_TOURISTSPOTS	int, (PK)		<input type="checkbox"/>	ID TOURIST_SPOTS
NAME_TOURISTSPOTS	varchar	200	<input type="checkbox"/>	Name of TOURIST_SPOTS
ID_CITY	varchar	3	<input type="checkbox"/>	ID City
TEL_TOURISTSPOTS	varchar	10	<input type="checkbox"/>	Tel of TOURIST_SPOTS
ADDRESS_TOURISTSPOTS	varchar	200		Address TOURIST_SPOTS
QUALITY_TOURISTSPOTS	int		<input type="checkbox"/>	Quality of TOURIST_SPOTS

<b>CITY Table</b>				
<b>Column Name</b>	<b>Data Type</b>	<b>Length</b>	<b>Allow Nulls</b>	<b>Description</b>
ID_TOURISTSPOTS	int, (PK)		<input type="checkbox"/>	ID CITY
NAME_TOURISTSPOTS	varchar	200	<input type="checkbox"/>	Name of CITY

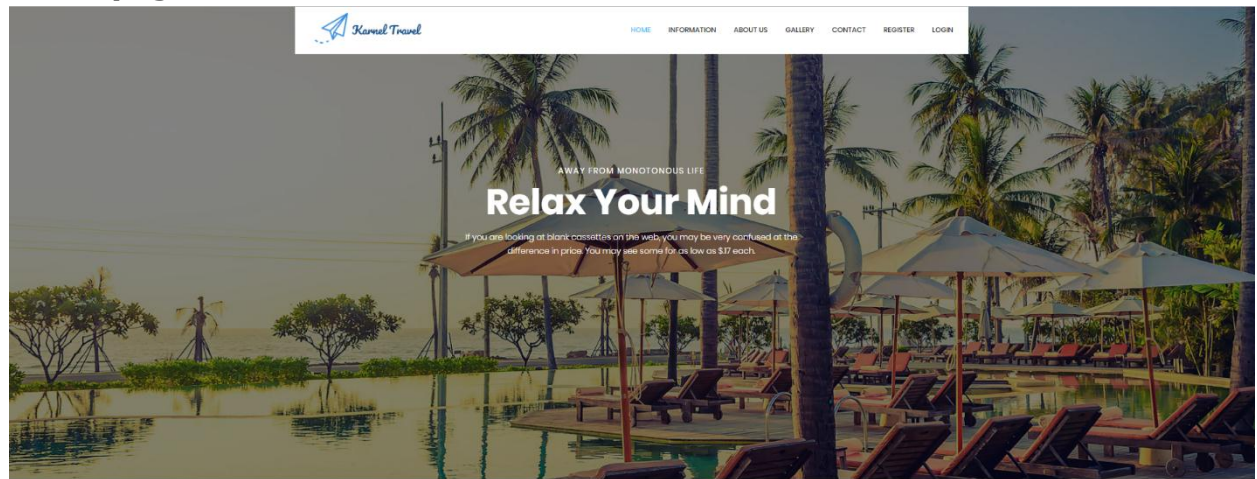
	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
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<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>



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## II. Website

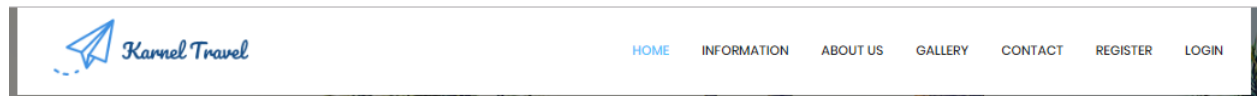
### A. Home page



#### Hotel Accomodation

We all live in an age that belongs to the young at heart. Life that is becoming extremely fast.

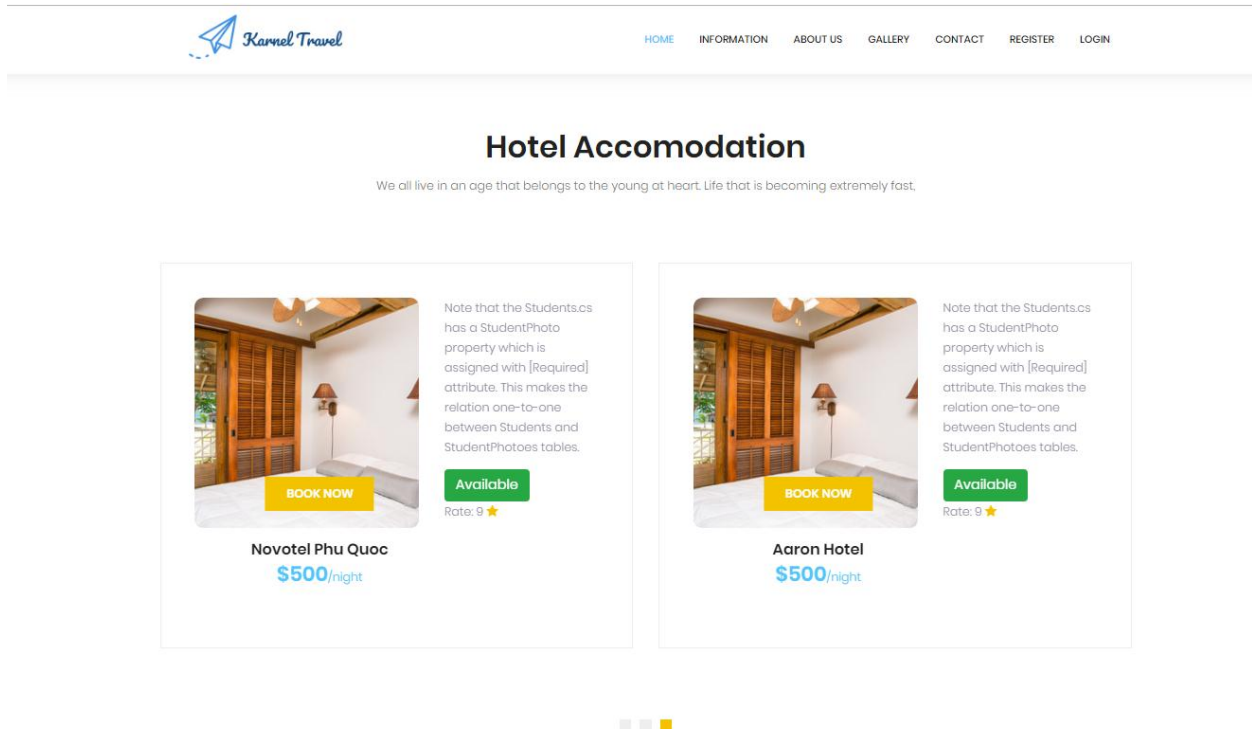
### B. Main menu



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## C. Home Page Detail



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## D. Register Form:



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### Register Your Information

Email

Address

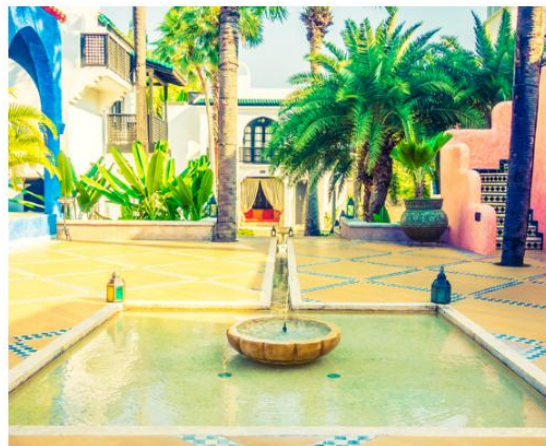
Password

Full Name

Phone

Address

**CREATE**



Field	Validation
Email Address	Check existing email, check format e-mail, Check space
Password	Check space
Phone	Check type is phone, Check space

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## E. Login Page

### Login

Email  
Address

Password

LOGIN

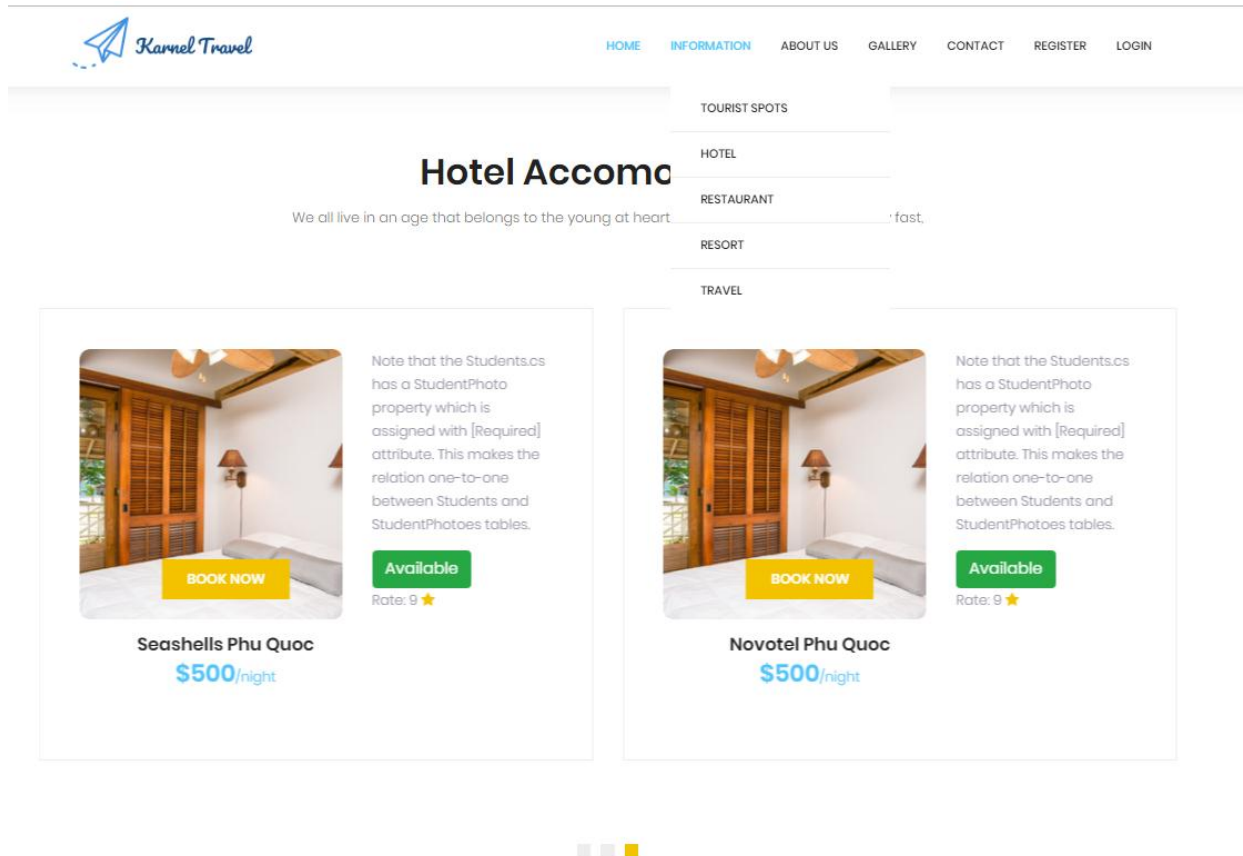


Field	Validation
Email Address	Check existing email, check format e-mail, Check space
Password	Check space

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## F. Show Information Menu



	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

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## **G. Tourist Spot Information**

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>


<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## H. Detail Tourist Spot

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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## K. Hotel Information



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Available

The administrative and political center of Ca Mau province, Ward 9, Ca Mau city

1.2M Views

9/10

\$500/night



### Muong Thanh Luxury Ca Mau Hotel

Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotoes tables.

Search


Advance Search

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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>




<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## L. Detail Hotel Information



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Available

### Muong Thanh Luxury Ca Mau Hotel


The administrative and political center of Ca Mau province, Ward 9, Ca Mau city

1.2M Views


Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotoes tables.

This article explains different ways to split a table across multiple entities and similarly to break an entity and map to multiple tables using entity framework code first


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## M. Resort Information



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Available

Ward 1, Bac Lieu
BAC LIEU
1.2M Views
9/10
\$500/night



### Ho Nam Resort

Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotoes tables.

View More


Search

Advance Search


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<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## N. Detail Resort Information



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Available

Ward 1, Bac Lieu

BAC LIEU

12M Views

9/10


\$500/night

Ho Nam Resort


Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotos tables.

This article explains different ways to split a table across multiple entities and similarly to break an entity and map to multiple tables using entity framework code first


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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## O. Restaurant Information



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Available


128 Vo Thi Sau Street,  
Zone 2, Ward 8, Bac Lieu  
City, Vietnam

BAC LIEU

1.2M Views

9/10

\$500/night



Thuyen Trang Quan

Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotos tables.

View More

1


Search

Advance Search


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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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## P. Detail Restaurant



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Available

128 Vo Thi Sau Street,  
Zone 2, Ward 8, Bac Lieu  
City, Vietnam

BAC LIEU

1.2M Views

9/10

\$500/night

f


Bé

### Thuyen Trang Quan


Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotoes tables.

This article explains different ways to split a table across multiple entities and similarly to break an entity and map to multiple tables using entity framework code first


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<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>



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## Q. Travel Information



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Available

Bac Lieu

BAC LIEU

1.2M Views

9/10




Search

Advance Search


MAI LINH

Note that the Students.cs has a StudentPhoto property which is assigned with [Required] attribute. This makes the relation one-to-one between Students and StudentPhotoes tables.

## R. Travel Information



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Bac Lieu

BAC LIEU

1.2M Views

9/10

MAI LINH

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MCSE boot camps have its supporters and its detractors. Some people do not understand why you

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	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 79</b>

## S. Search Information:

The image shows a web interface with a navigation bar at the top containing the links: T US, GALLERY, CONTACT, REGISTER, and LOGIN. Below the navigation bar is a search section. It features a prominent yellow rounded rectangular button with the text 'Search' and a magnifying glass icon. Below this button is a horizontal line, and further down is a white rounded rectangular button with the text 'Advance Search' and a small downward-pointing arrow.

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 80</b>

## T. Advance Search:

## Advance Search for Tourist Spot

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>



<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
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### Advance Search for Hotel/Travel/Resort/Restaurant

Fields	Validation
Price	Min Price < Max Price

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>

<b>Design Plan: Karnel Travel Guide</b>	<b>Document Name: Review 1+2 + 3</b>	<b>SWD/Form No.1</b>
<b>Effective Date: Oct 05,2018</b>	<b>Version: 1.0</b>	<b>Page No: 82</b>

## Task Sheet Review 3

Members Group		Date Preparation of Activity Plan			
No	Name	Description Task	Start Date	End Date	Status
1	Ho Hoan Vu	ERD, GUI Main Page	Oct 16, 2018	Oct 23, 2018	Completed
2	Doan Khanh Nhi	ERD, GUI Main Page	Oct 16, 2018	Oct 23, 2018	Completed
3	Vu Ngoc Truong	Admin GUI	Oct 16, 2018	Oct 23, 2018	Completed
Teacher			Team Leader		
Dinh Vu Quoc Trung			Ho Hoan Vu		

	<b>Prepared by: All Members</b>	<b>Approved by: Dinh Vu Quoc Trung</b>
	<b>Project Group No: 4</b>	
<b>Signature</b>		
<b>Date</b>	<b>Oct 5,2018</b>	<b>Oct 5,2018</b>