

Design Plan : Karnel Travel Guide	Document Name: Review 1+2	SWD/Form No.1
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REVIEW 1

	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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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 order 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.
 - + User can order Tourist Spots, Travel
- 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:

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

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USE CASE SPECIFICATION			
Use-case No.	UC002	Use-case Version	1.0
Use-case Name	Log out		
Actor: Admin, Customer			
Summary: Log out application			
Preconditions: Customer must login to the system			

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USE CASE SPECIFICATION			
Use-case No.	UC003	Use-case Version	1.0
Use-case Name	Register Account		
<p>Actor: Customer</p> <p>Summary: Allow customer register new account</p> <p>Goal: Create new account</p> <p><u>Triggers</u></p> <p>Preconditions:</p> <p>Post Conditions:</p> <p>Main Success Scenario:</p> <ol style="list-style-type: none"> 1. Customer enters information 2. Customer create new user 3. System determines the validity of the information 4. Add new information into the database <p>Alternative Scenario:</p> <p>Exceptions:</p> <p>Relationships:</p> <p>Business Rules:</p>			

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USE CASE SPECIFICATION			
Use-case No.	UC004	Use-case Version	1.0
Use-case Name	Update Customer profile		
<p>Actor: Customer</p> <p>Summary: Allows customer to edit their account</p> <p>Goal: Edit Customer information</p> <p><u>Triggers</u></p> <p>Preconditions: Customer must login to the system</p> <p>Post Conditions: Customer can update information</p> <p>Main Success Scenario:</p> <ol style="list-style-type: none"> 1. Customer login 2. Customer select his profile 3. Edit information that he want to change 4. System determines the validity of the information 5. Update into the database <p>Alternative Scenario:</p>			

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Exceptions:
Relationships: Update account
Business Rules:

USE CASE SPECIFICATION

Use-case No.	UC005	Use-case Version	1.0
Use-case Name	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

Use-case No.	UC006	Use-case Version	1.0
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Use-case Name	Search Hotel Information
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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		
Actor: Customer			
Summary: Allows customer to search Restaurant Information			
Goal: Show Restaurant Information			
<u>Triggers</u>			
Preconditions:			
Post Conditions: Restaurant Information			
Main Success Scenario:			
<ol style="list-style-type: none"> 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		

Actor:

Customer

Summary:

Allows customer to search Travel Information

Goal:

Show Travel Information

Triggers

Preconditions:

Post Conditions: Travel Information

Main Success Scenario:

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

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USE CASE SPECIFICATION			
Use-case No.	UC010	Use-case Version	1.0
Use-case Name	Order Tour		
<p>Actor: Customer</p> <p>Summary: Allows customer to order Tour</p> <p>Goal: Order Tour with Tourist Spots, Restaurant, Resort, Hotel</p> <p><u>Triggers</u></p> <p>Preconditions:</p> <p>Post Conditions:</p> <p>Main Success Scenario:</p> <ol style="list-style-type: none"> 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		
<p>Actor: Administrator</p> <p>Summary: Allows Administrator to add Hotel/Resort/Travel/Tourist Spots/Restaurant Information</p> <p>Goal: Add Hotel/Resort/Travel/Tourist Spots/Restaurant Information</p> <p><u>Triggers</u></p> <p>Preconditions: Administrator must login to the system</p> <p>Post Conditions: Administrator can update information</p> <p>Main Success Scenario:</p> <ol style="list-style-type: none"> 1. Administrator login 2. Administrator choose Hotel/Resort/Travel/Tourist Spots/Restaurant Information. 3. Add new information that he want 4. System determines the validity of the information 			

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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

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

- Administrator login

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2. Administrator choose Hotel/Resort/Travel/Tourist Spots/
Restaurant Information.

3. Edit information that he want 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		
Actor: Administrator			
Summary: Allows Administrator to delete Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
Goal: Delete Hotel/Resort/Travel/Tourist Spots/Restaurant Information			
<u>Triggers</u>			
Preconditions:			

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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 want
4. System determines the validity of the information
5. Update flag to check that record is deleted indatabase

Alternative Scenario:

Exceptions:

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

Business Rules:

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USE CASE SPECIFICATION

Use-case No.	UC014	Use-case Version	1.0
Use-case Name	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 want 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

Use-case No.	UC015	Use-case Version	1.0
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Use-case Name	Delete Customer Information
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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 want

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<p>4. System determines the validity of the information</p> <p>5. Update flag to check that record is deleted indatabase</p> <p>Alternative Scenario:</p> <p>Exceptions:</p> <p>Relationships: Update Hotel/Resort/Travel/Tourist Spots/Restaurant</p> <p>Business Rules:</p>

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		
Le Mong Thuy			Hồ Hoàn Vũ		

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REVIEW 2

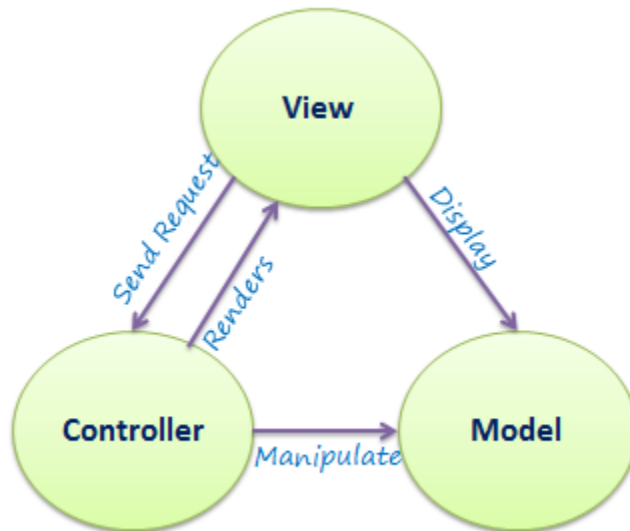
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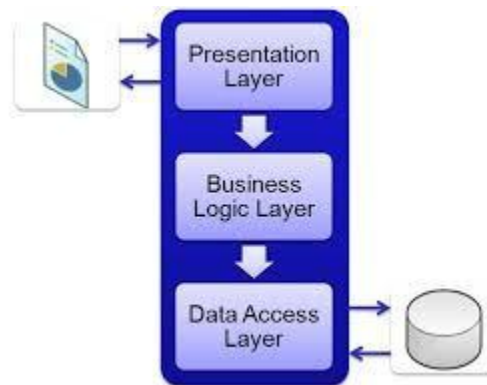
I. Architecture & Design of the Project:

A. Architectural pattern

use MVC:



B. Design Project:



Presentation Tier:

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

Controller: Use ASP.NET MVC

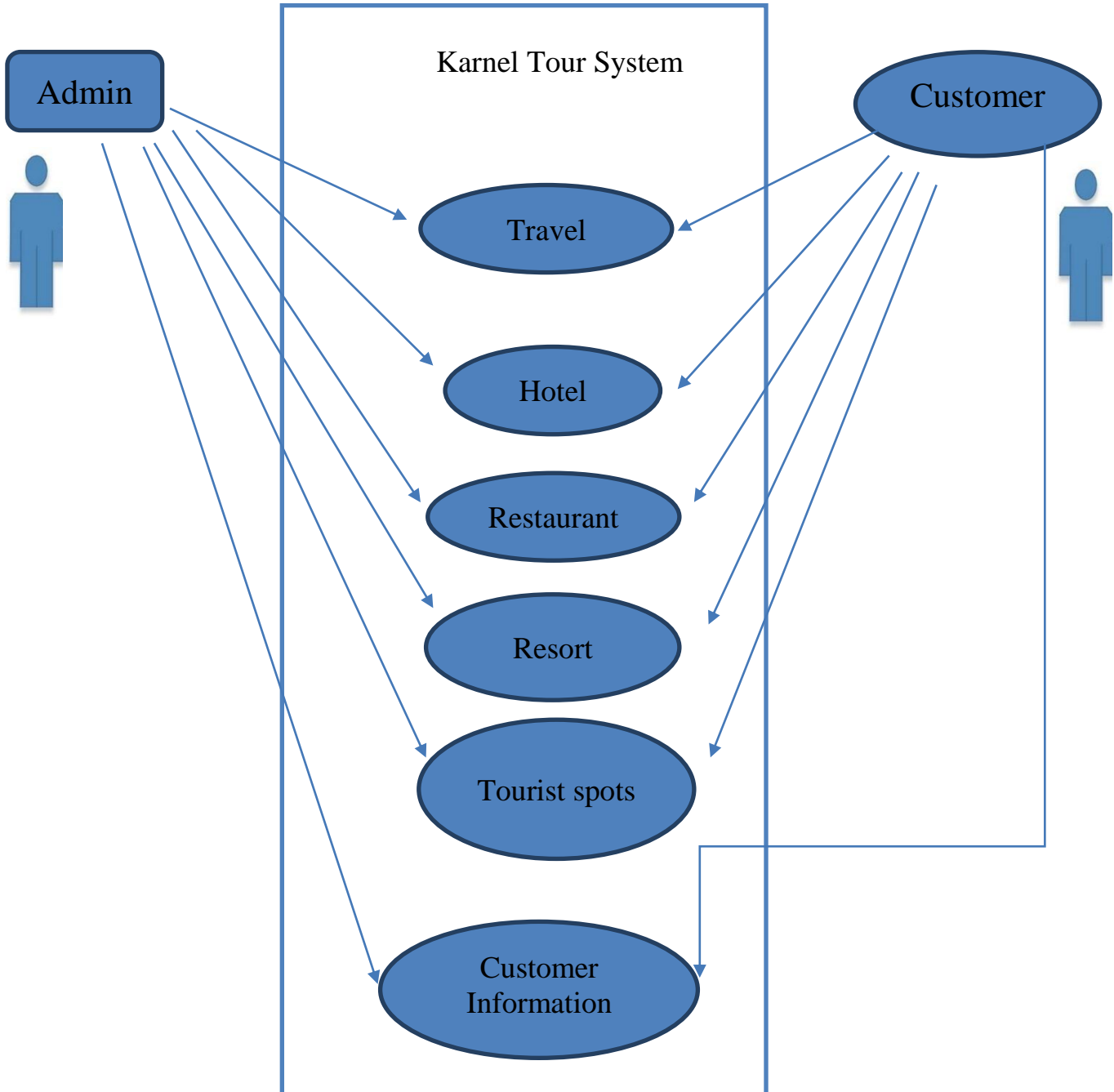
Business Logic Tier:

Use technologies: ASP.NET

Data Access Tier: SQL Server, ADO.NET

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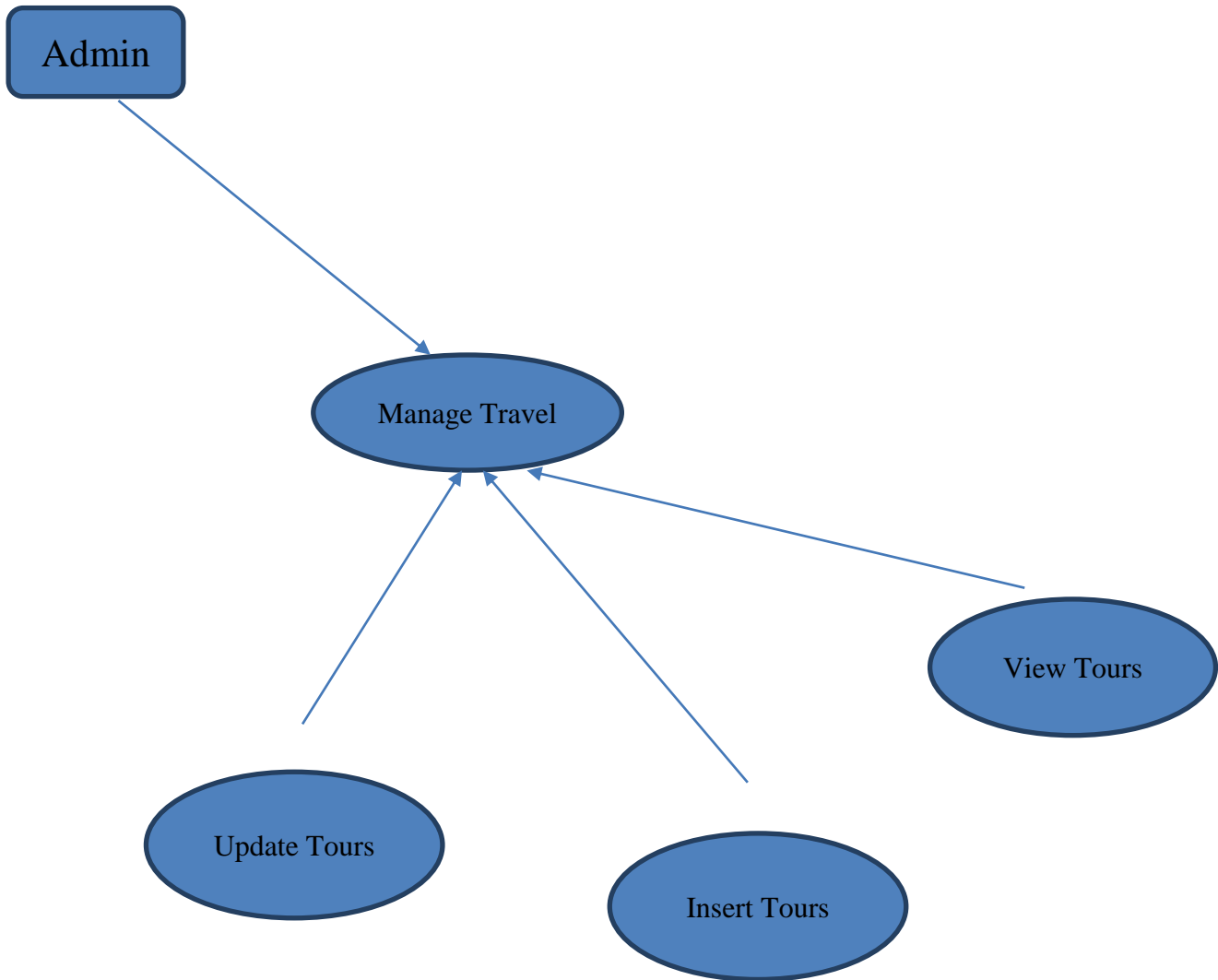
II. Use Case:



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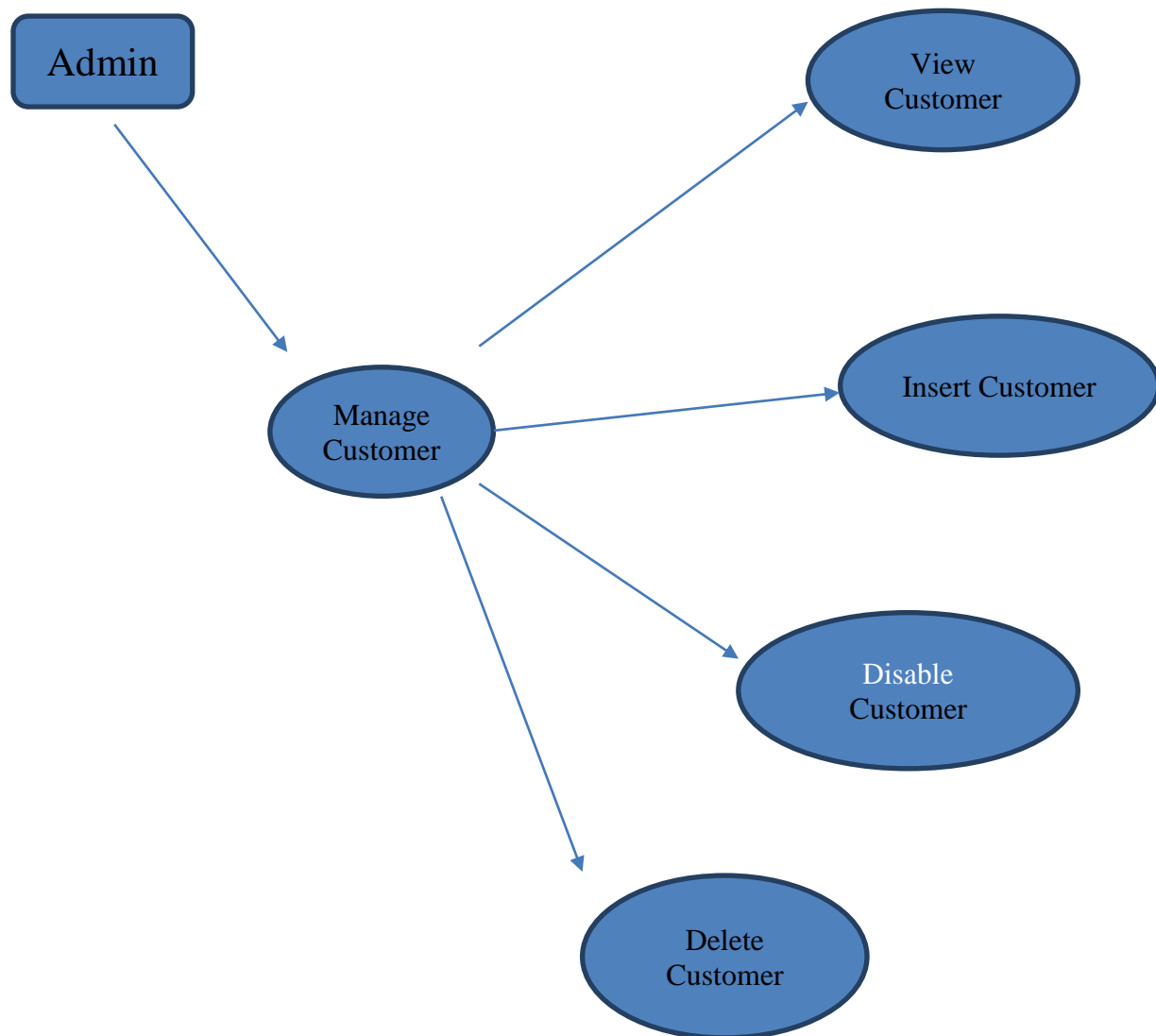
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A. Administrator Use Case:

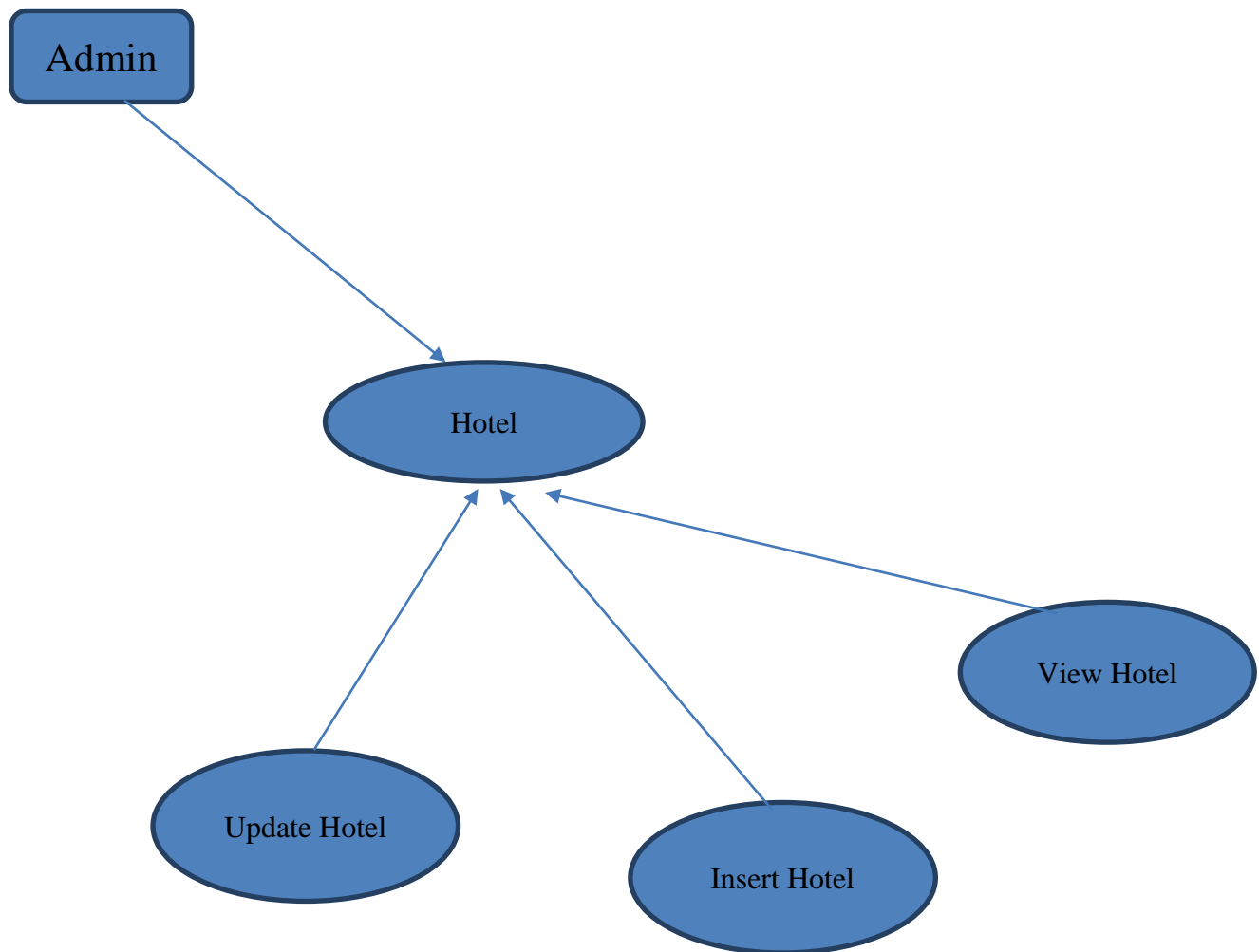


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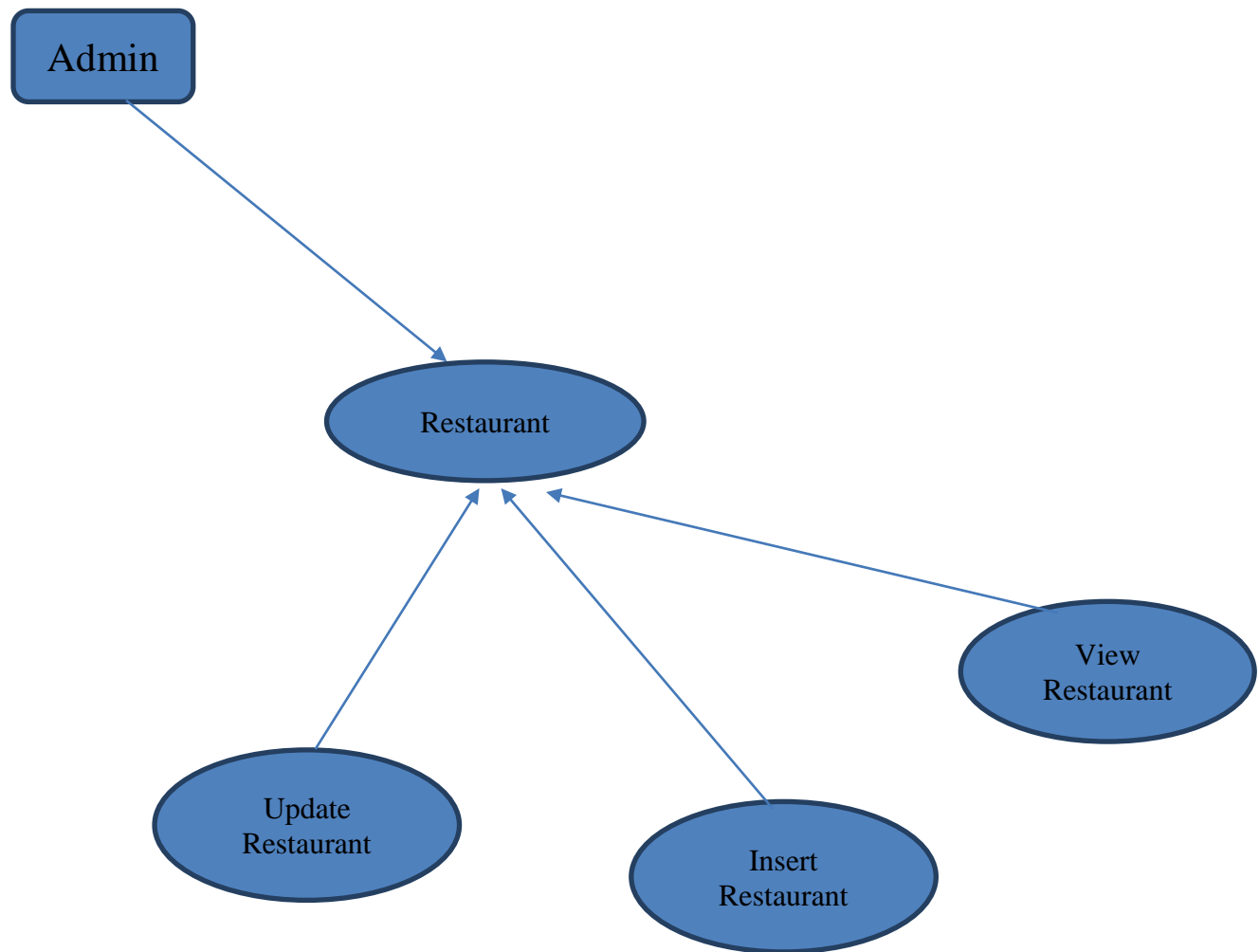


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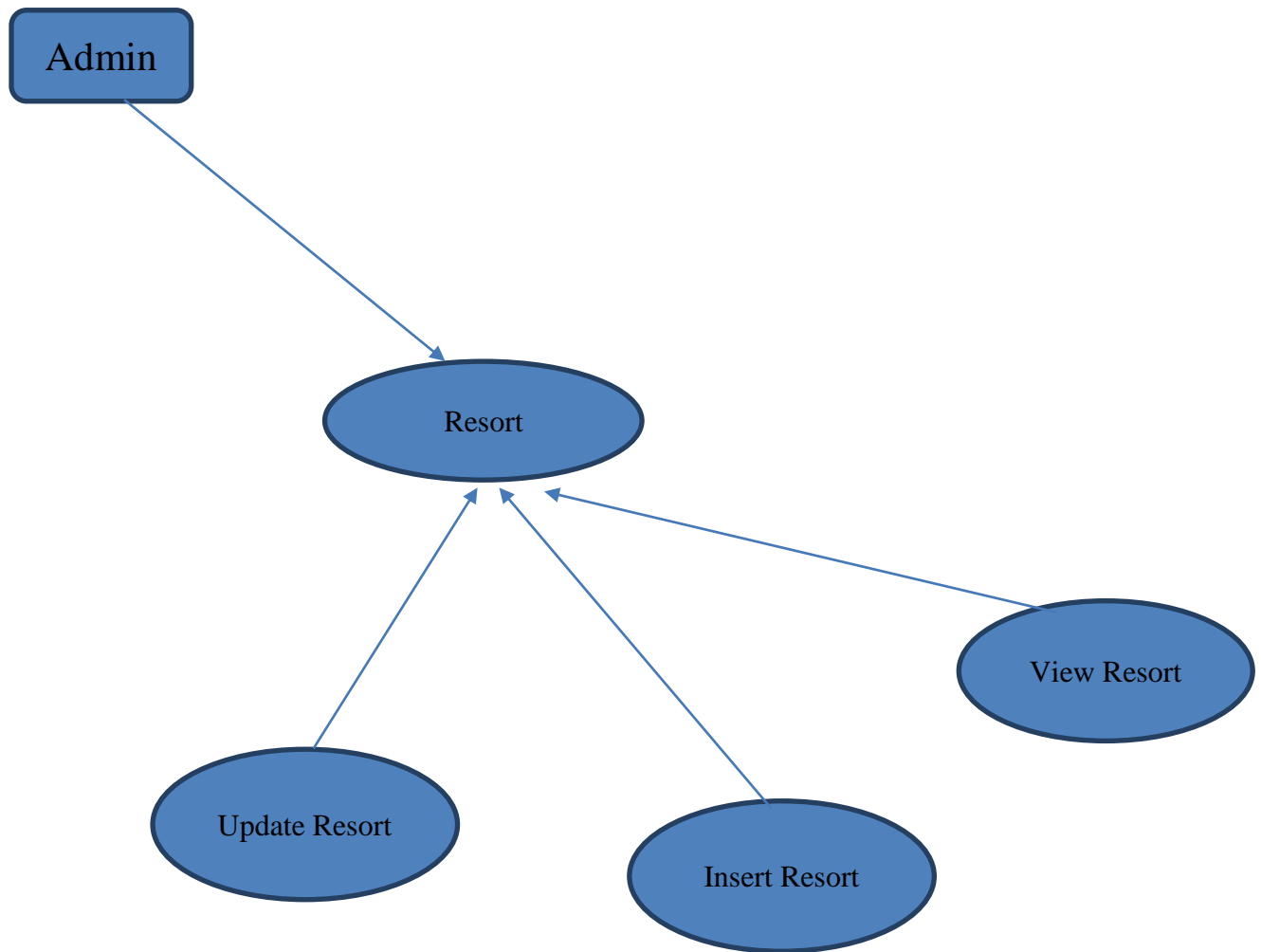


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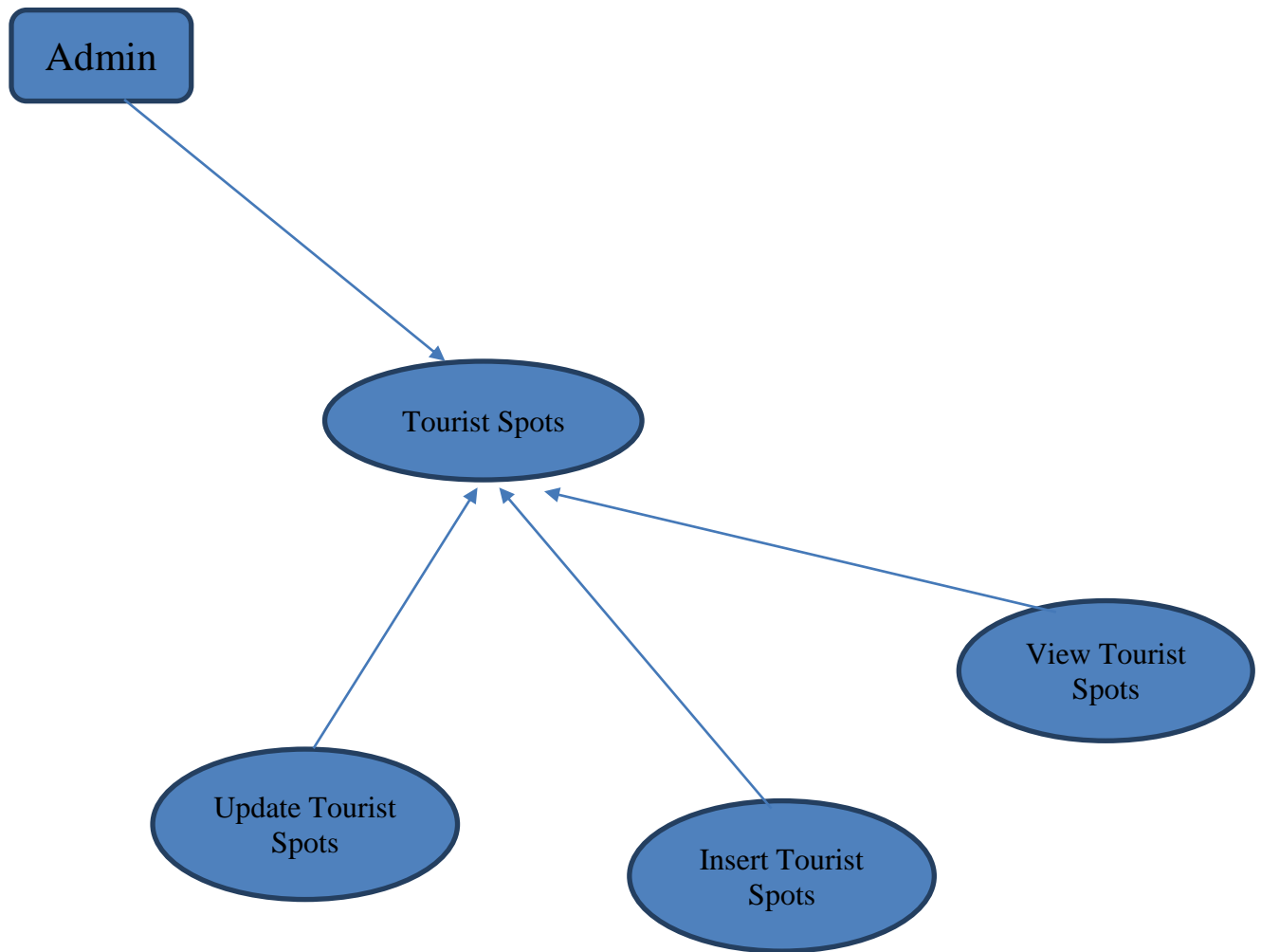
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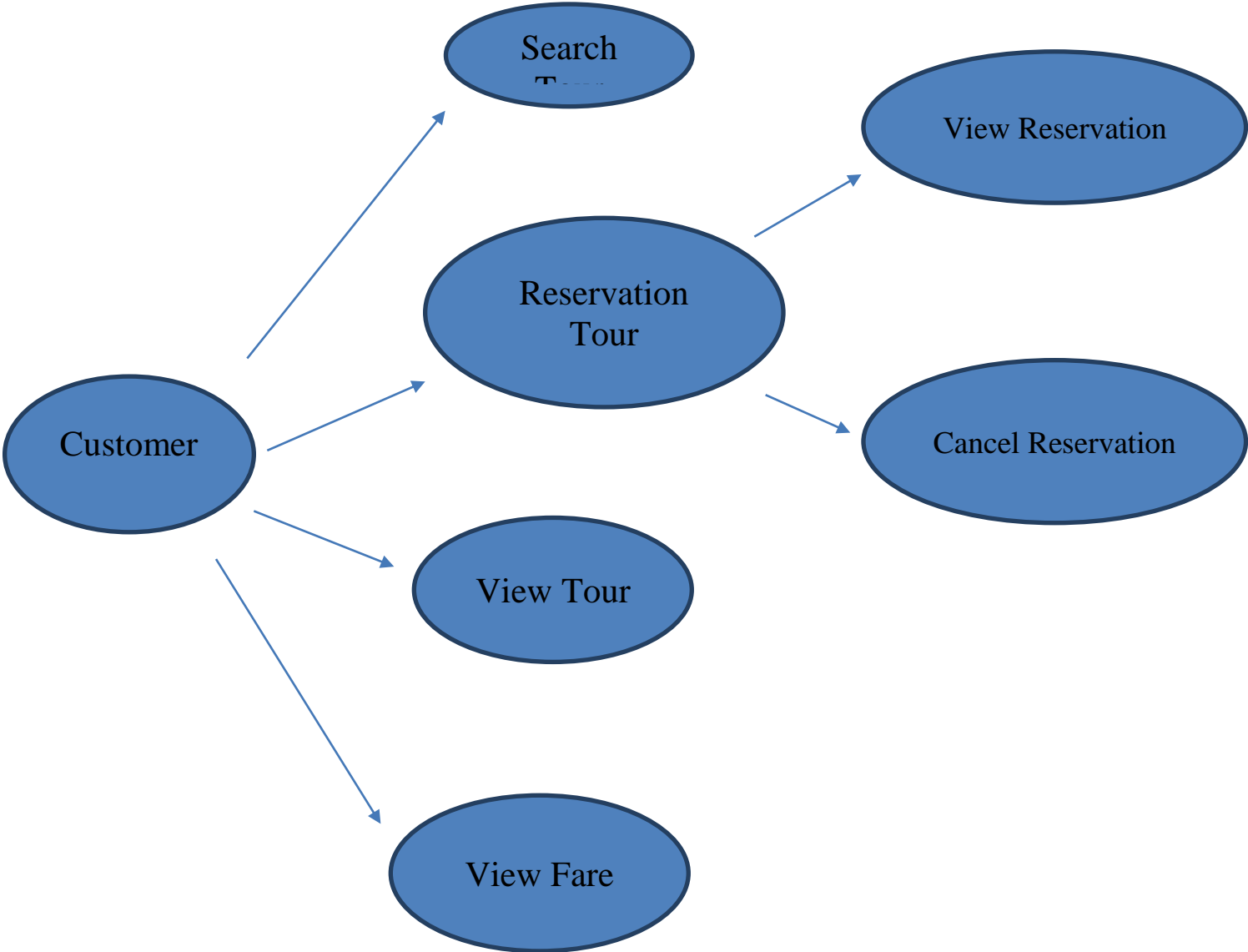


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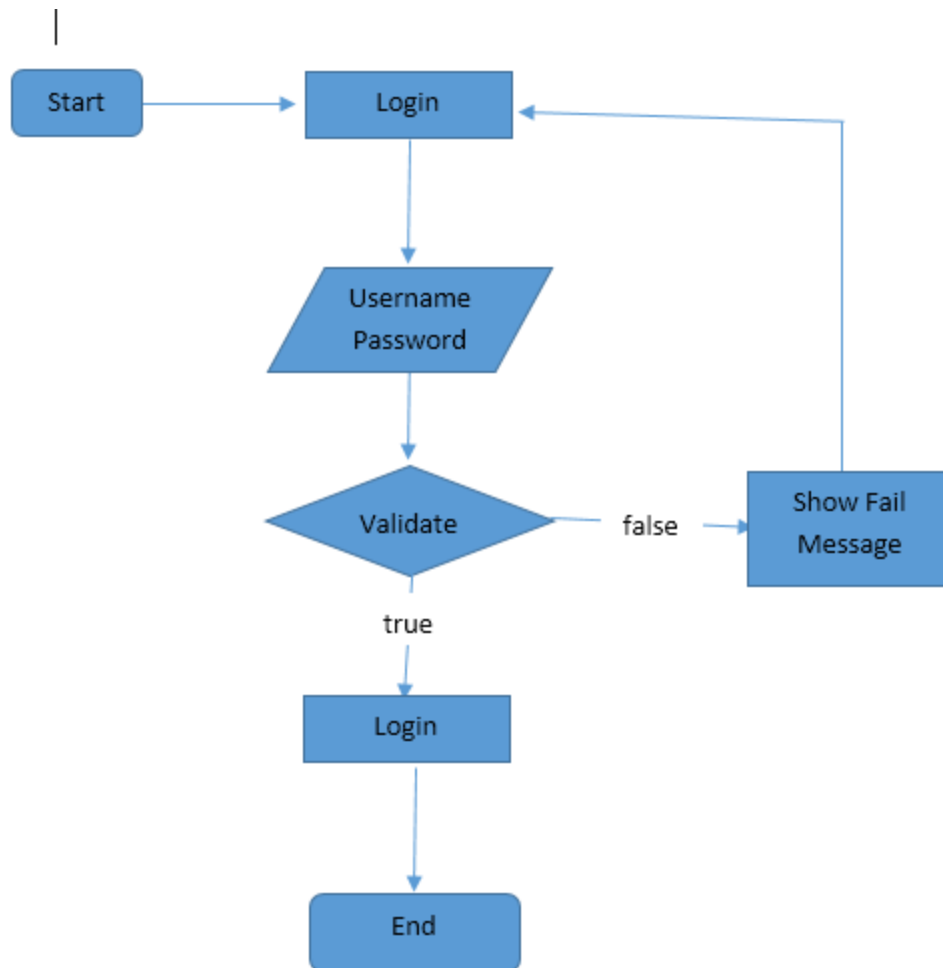
B. Customer Use Case



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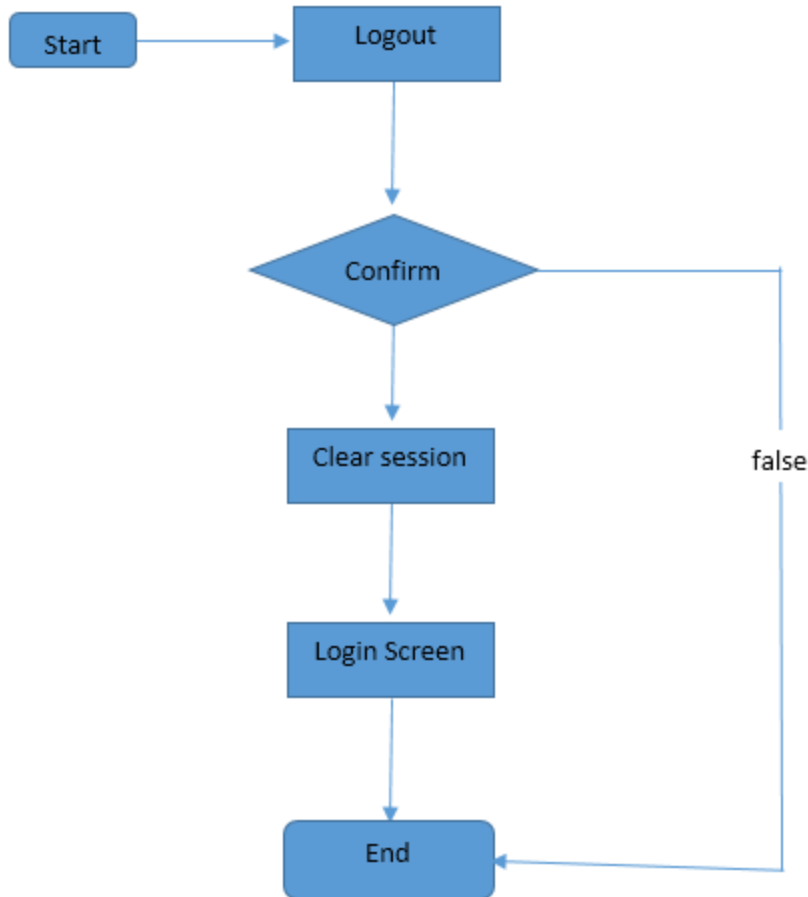
III. Functional Main Flow
1. Login (Customer and Admin)



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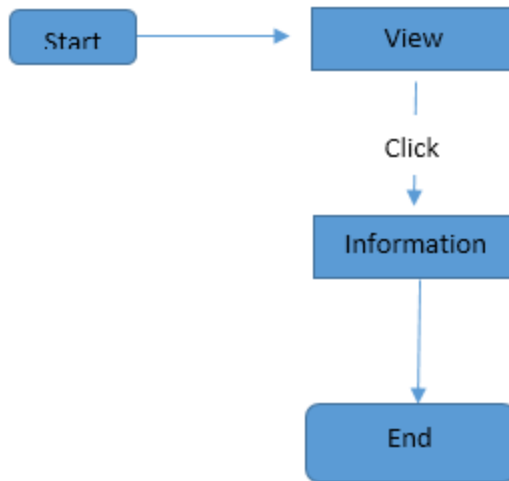
2. Logout (User and Admin)



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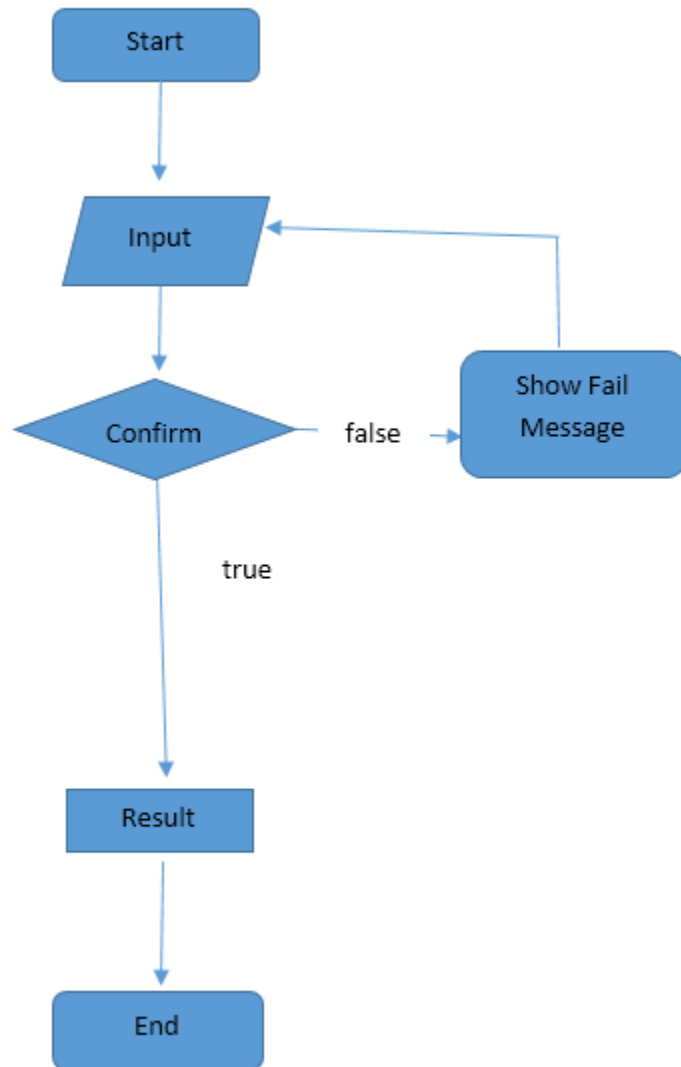
3. View (Admin and User)



4. Search (User and Admin)

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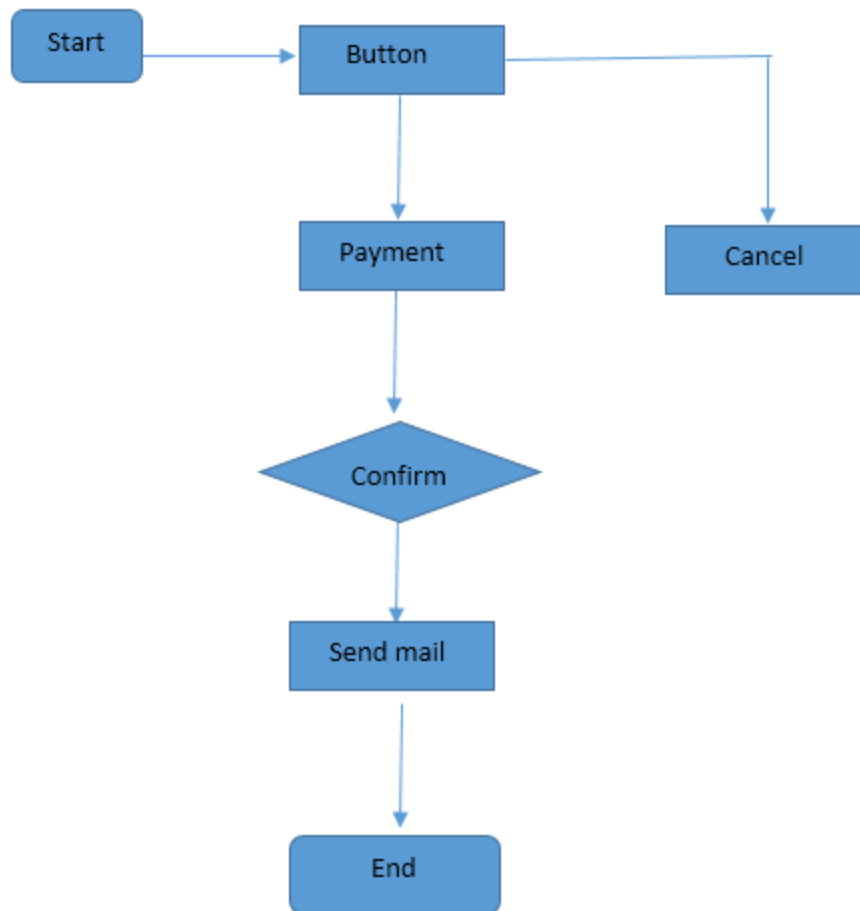
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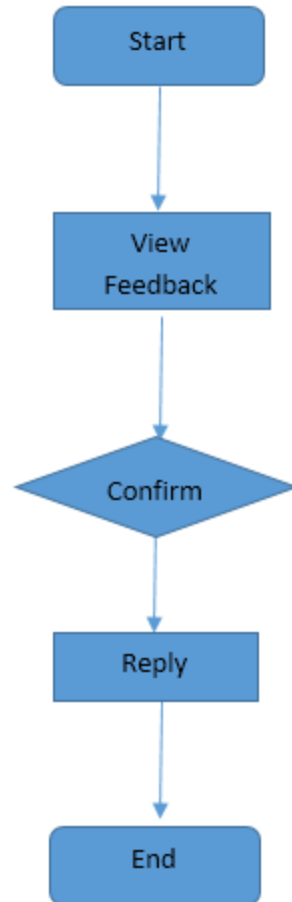
5. Cart (User)



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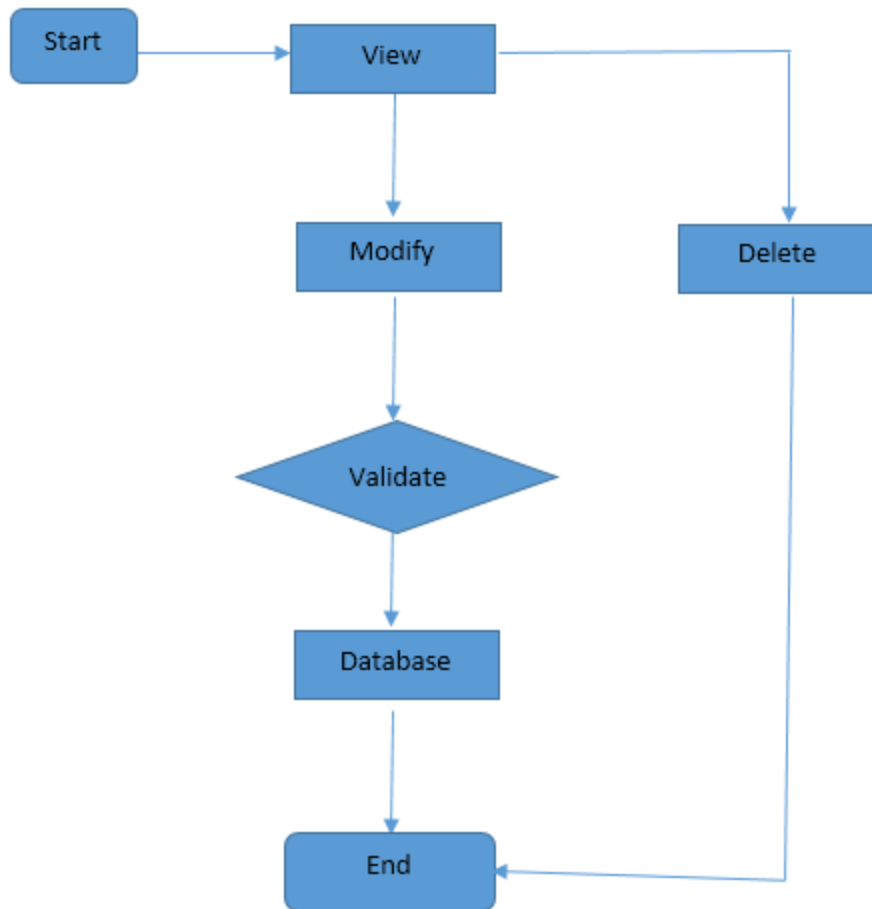
6. View feedback (Admin)



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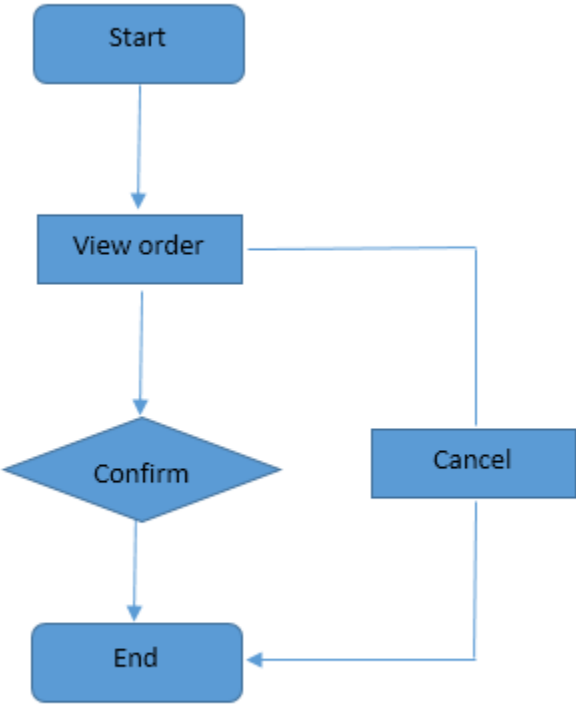
7. View user (Admin)



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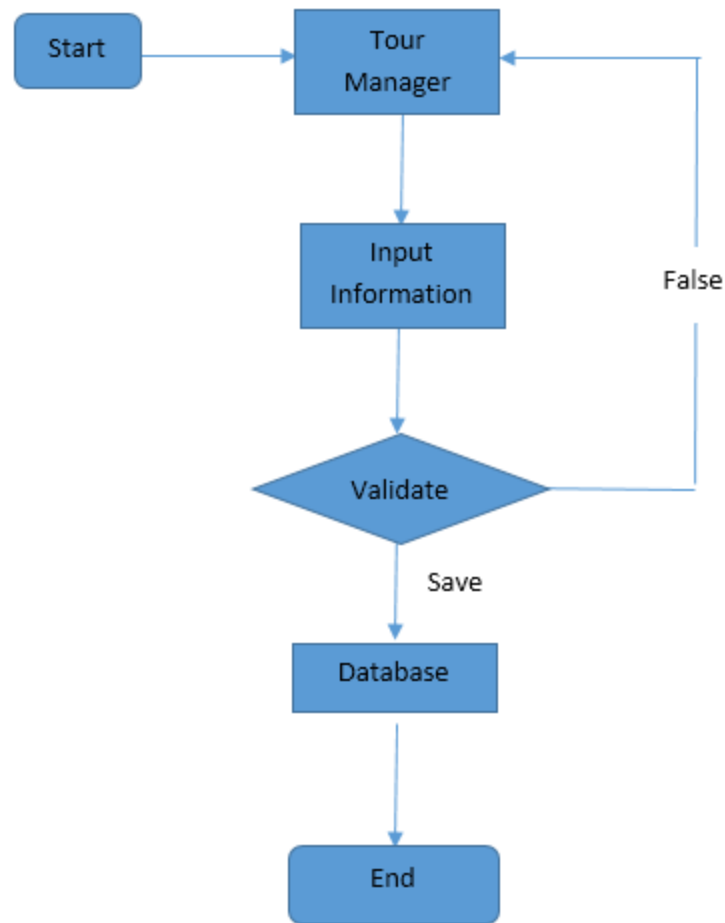
8. View order (Admin)



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Signature		
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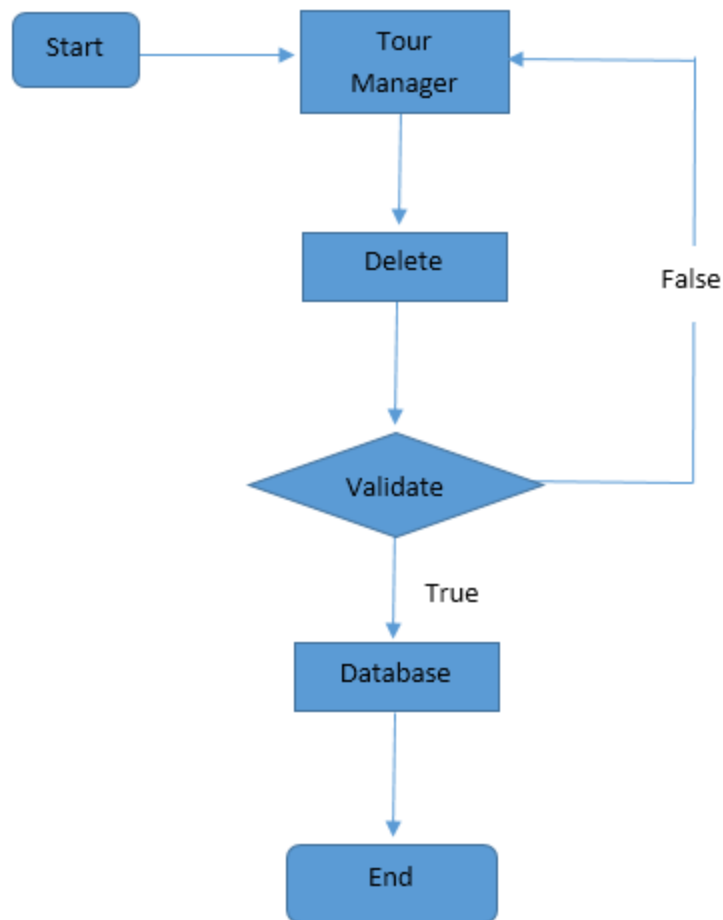
9. Insert tour (Admin)



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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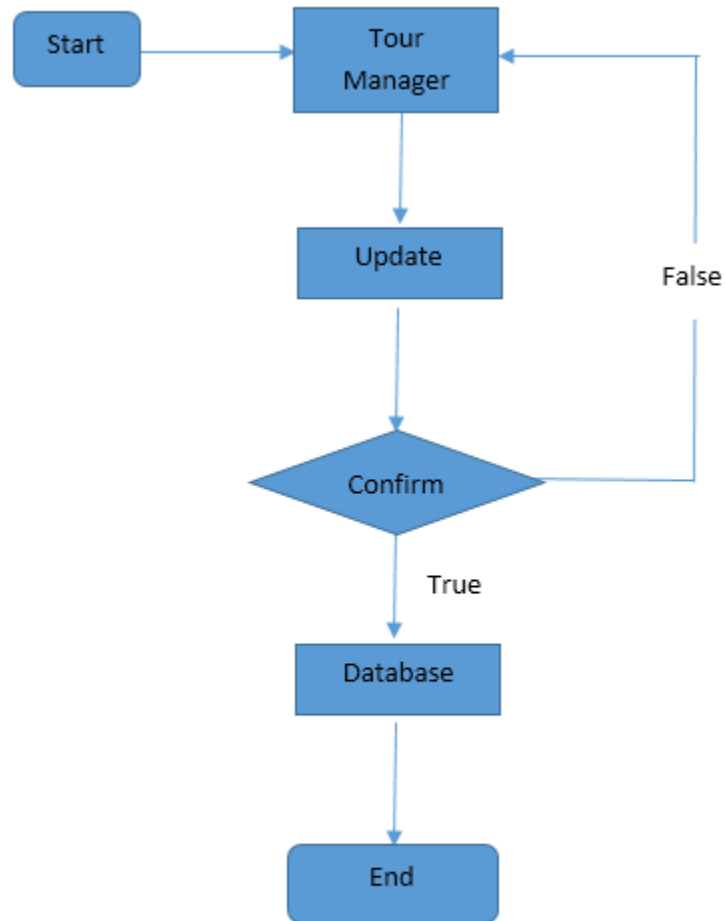
10. Delete Tour



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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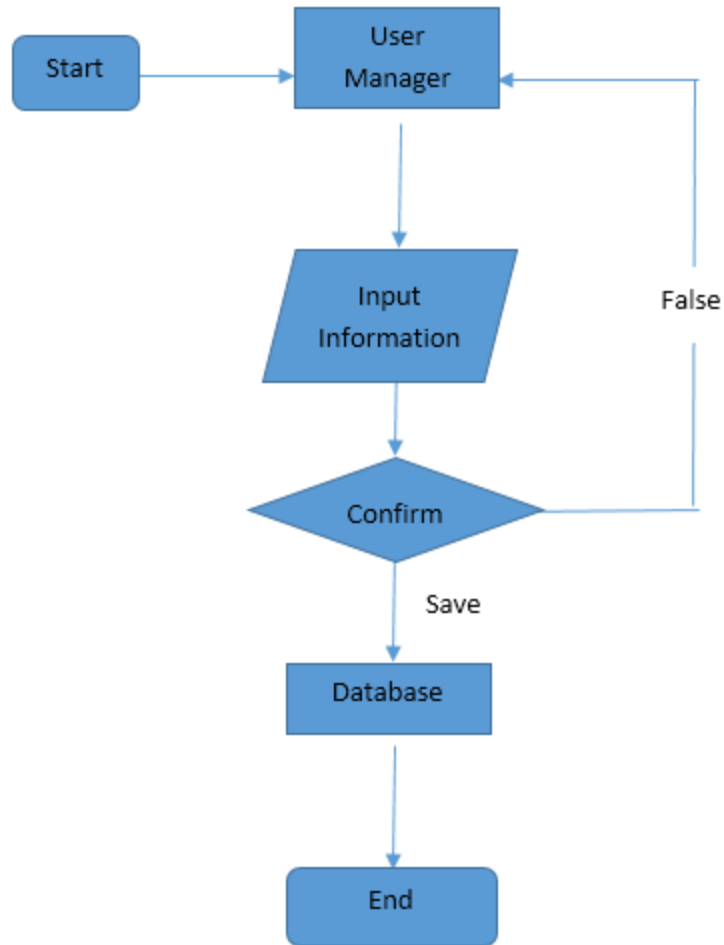
11. Update Tour



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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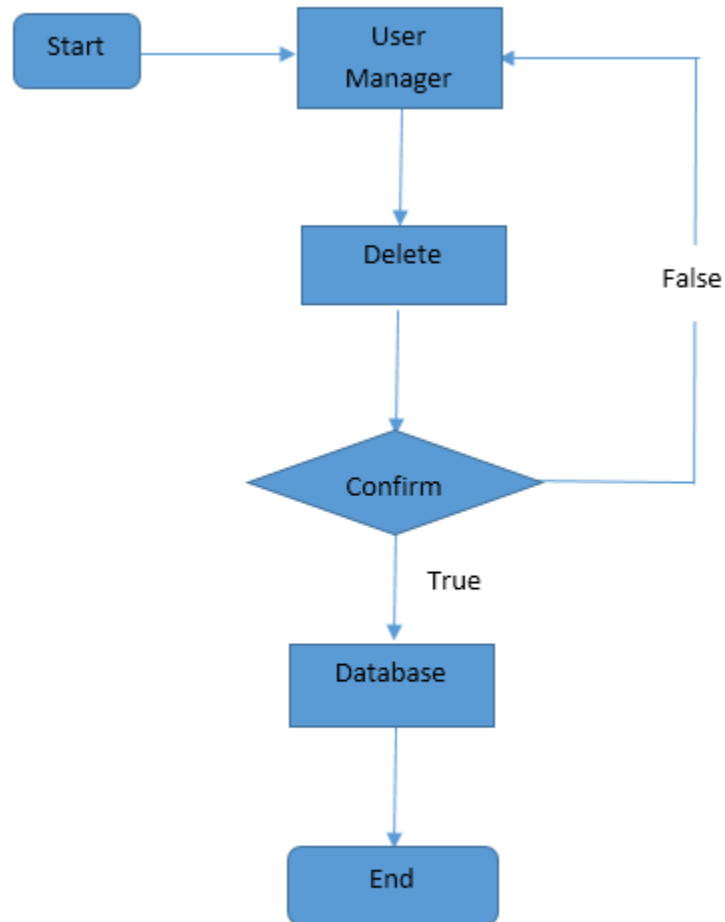
12. Insert User (Admin)



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

Design Plan : Karnel Travel Guide	Document Name: Review 1+2	SWD/Form No.1
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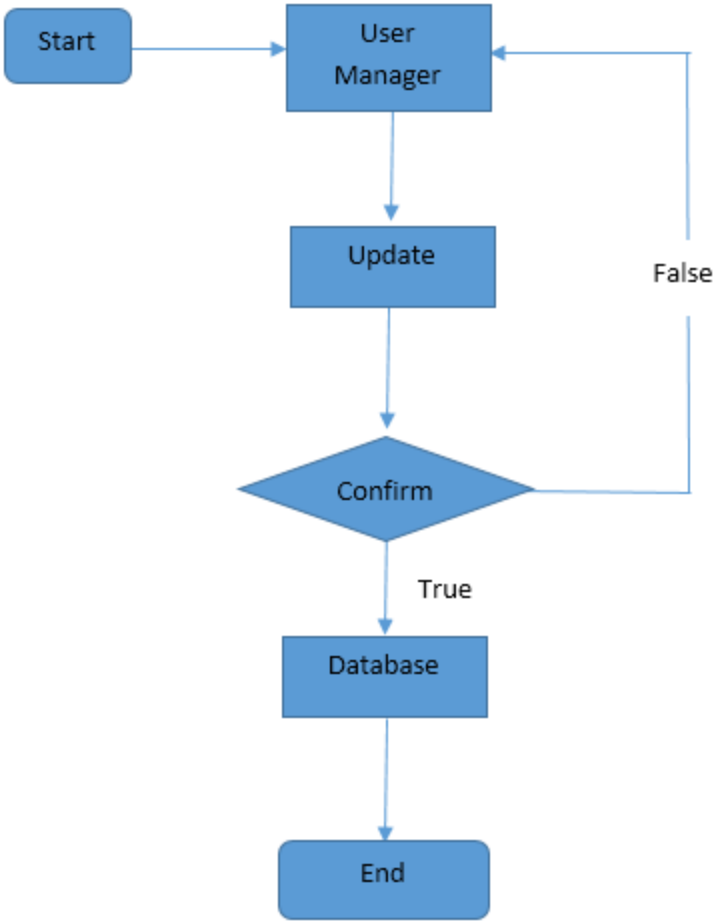
13. Delete User (Admin)



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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14. Update user (Admin)



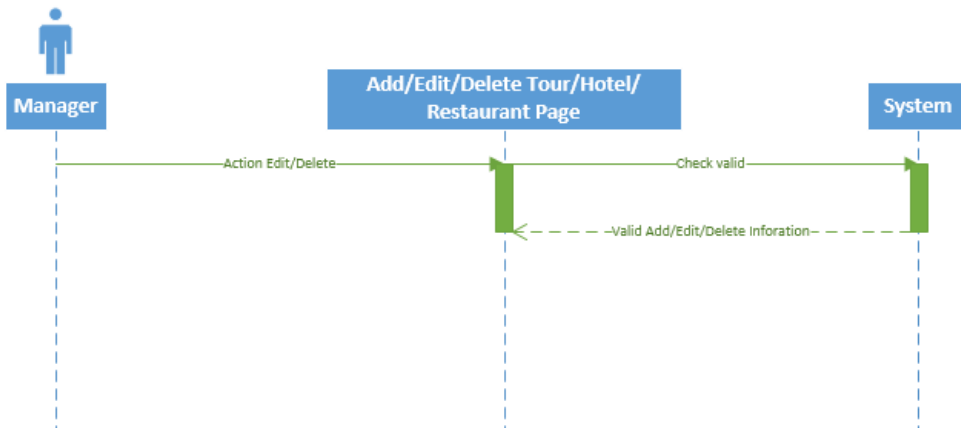
	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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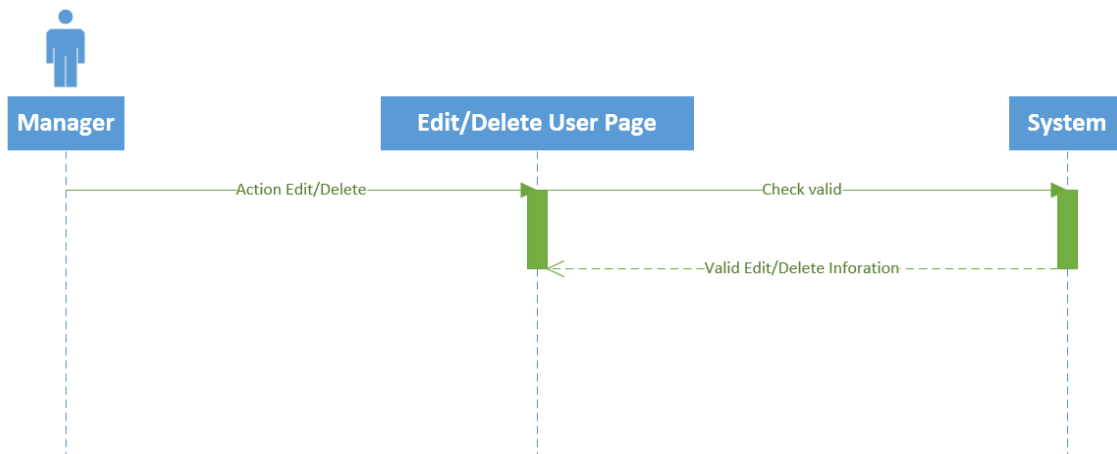
IV. Sequence Diagram

A. Administrator

1. Add/Edit/Delete:



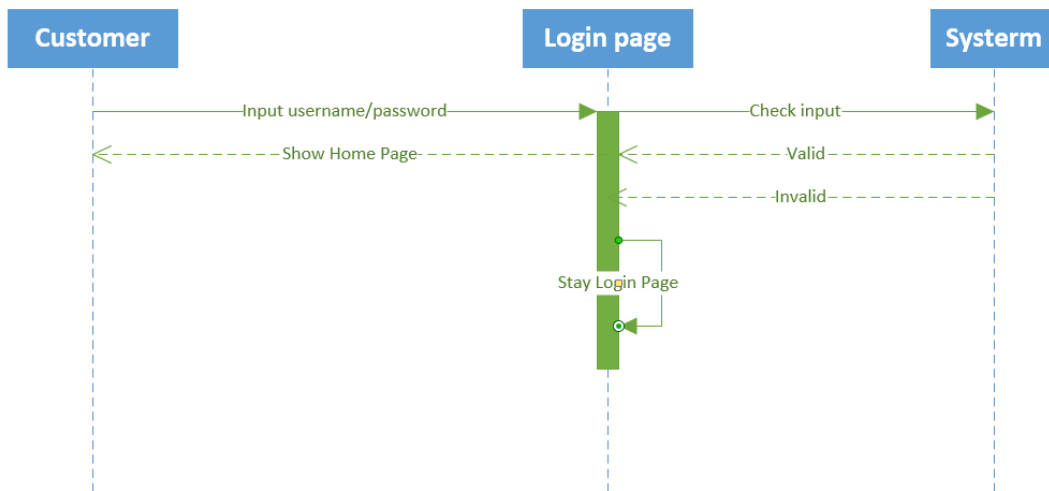
2. Edit/Delete User:



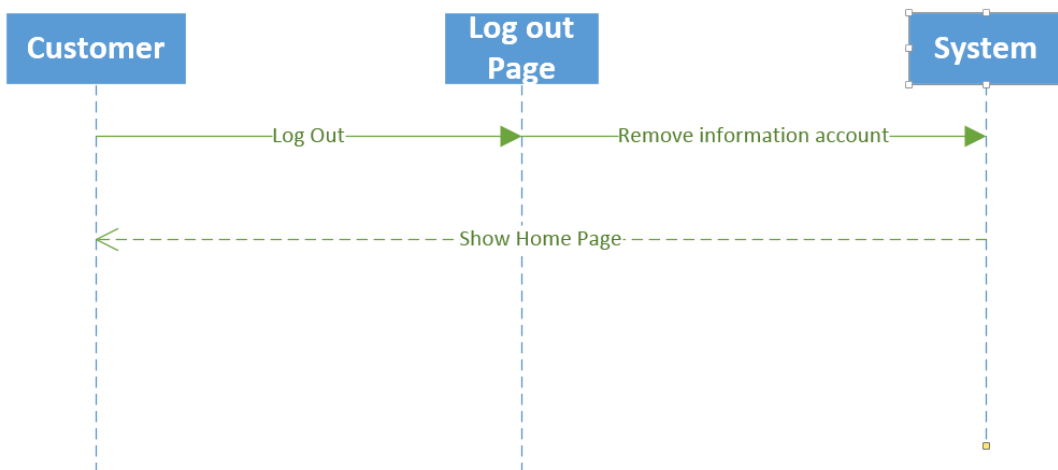
	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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B. Customer
1. Login

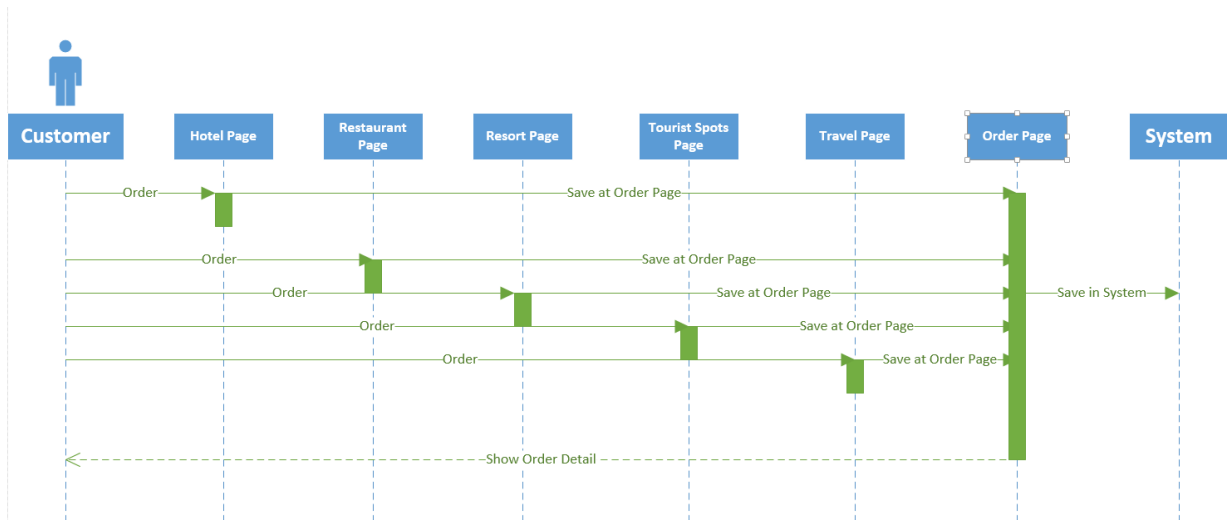


2. Logout

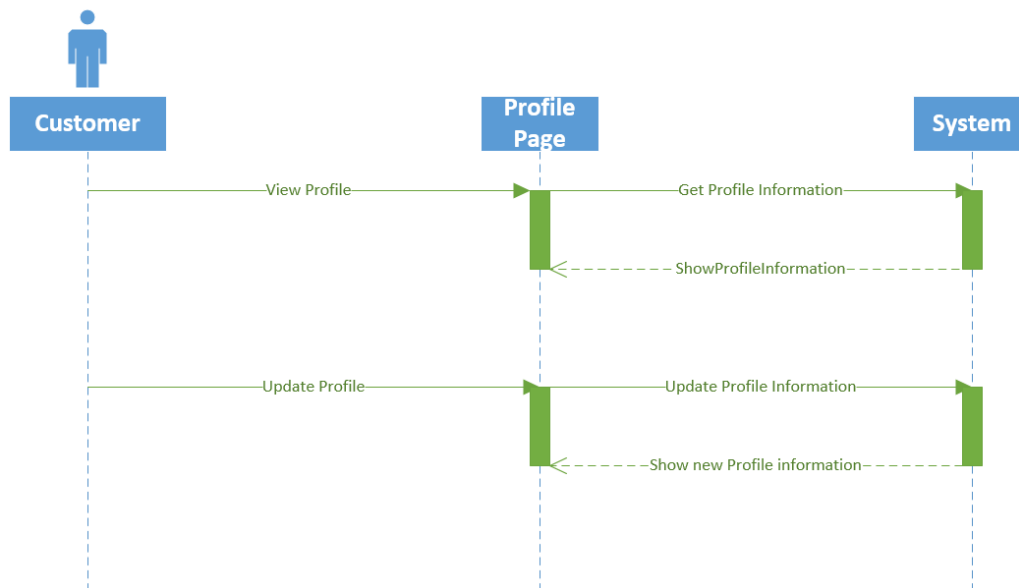


	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

3. Order



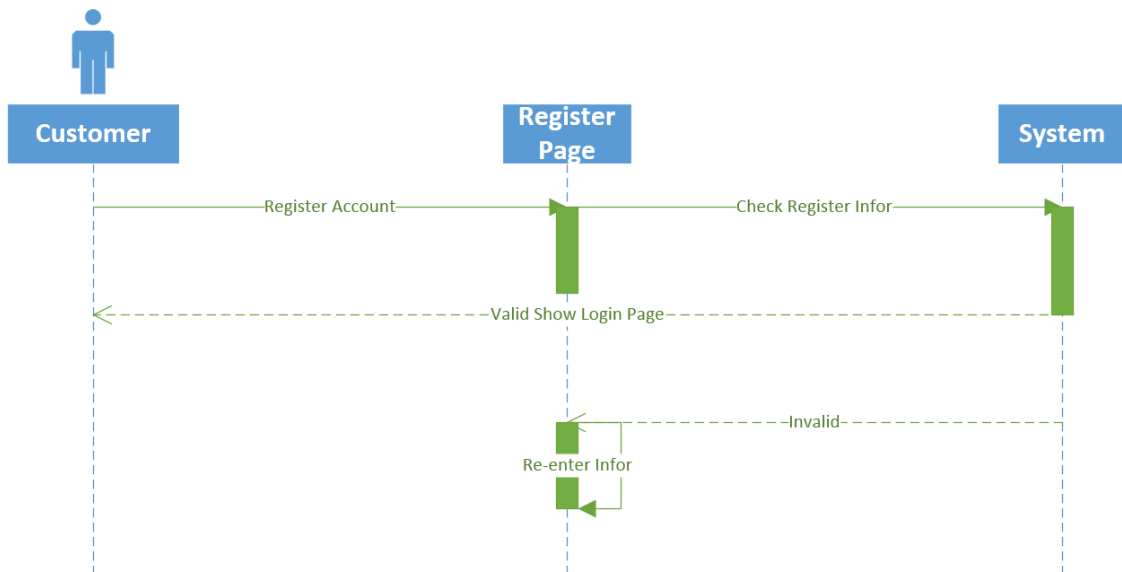
4. Profile



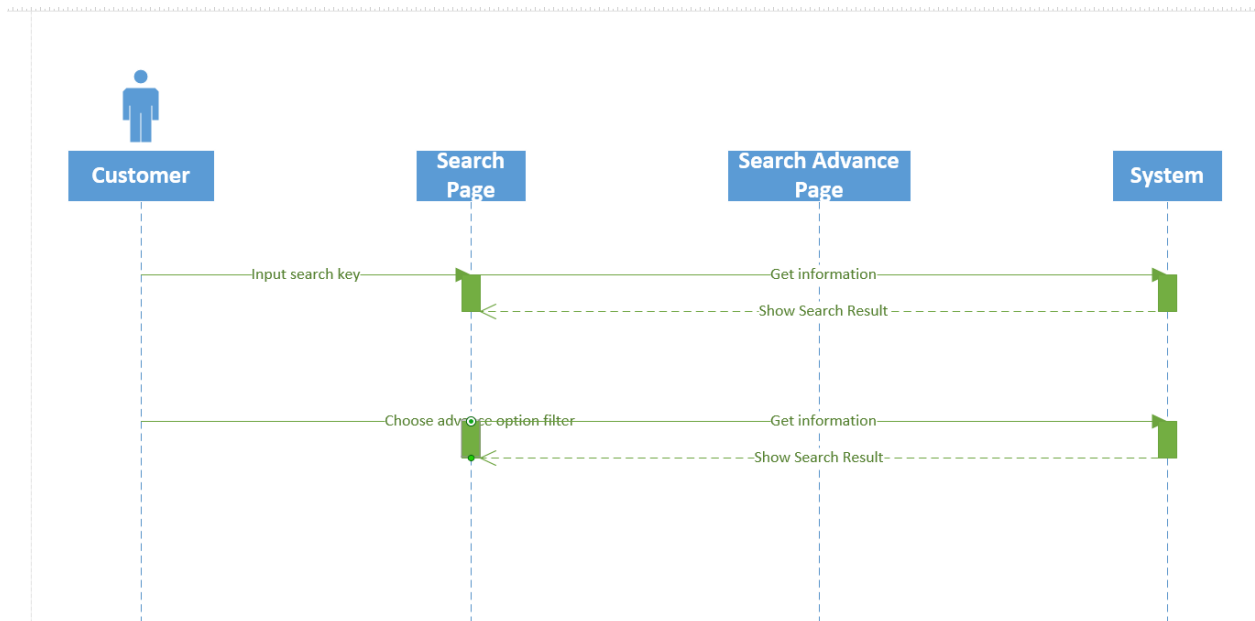
	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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5. Register



6. Search



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	Project Group No: 4	
Signature		
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7. View

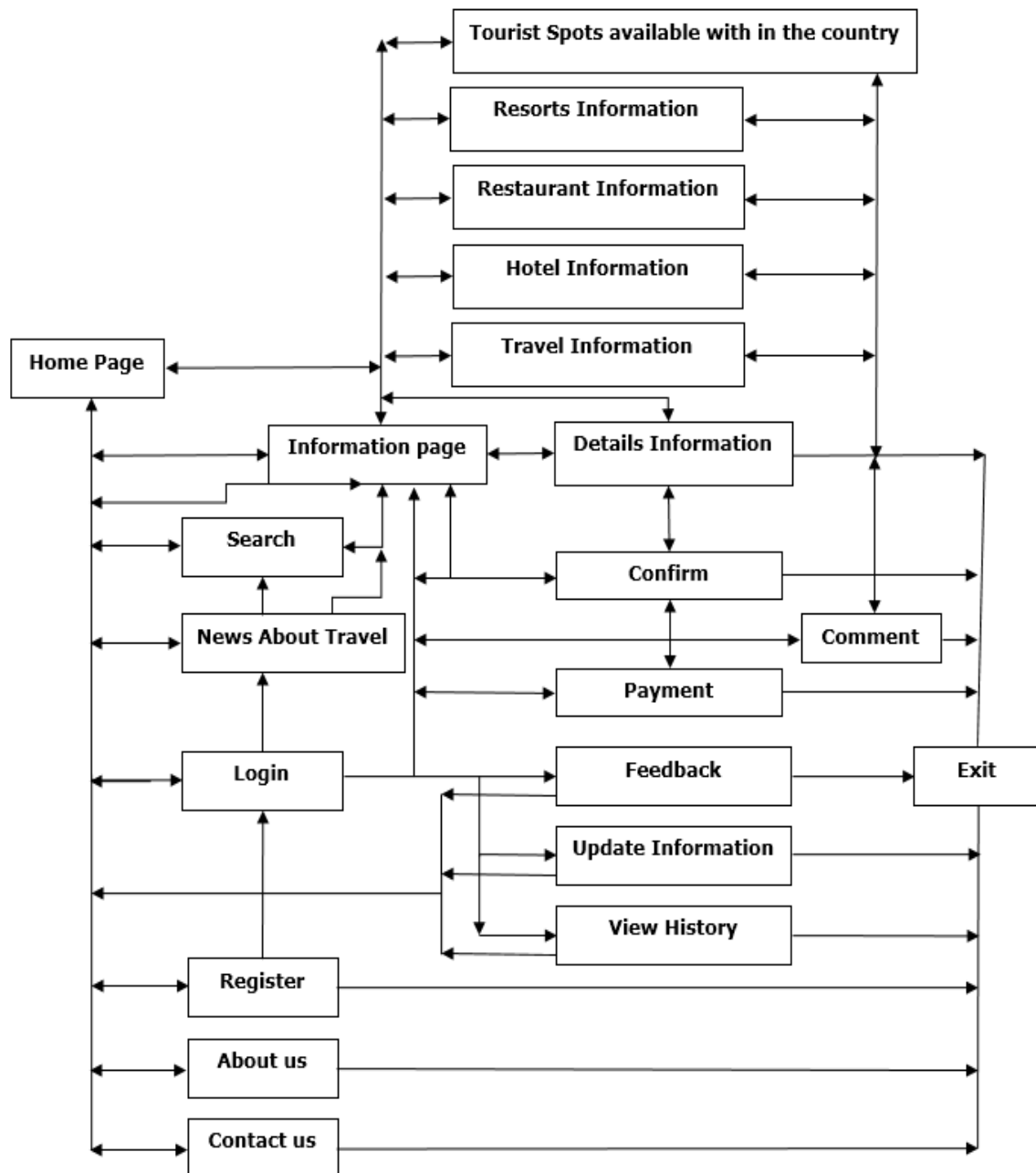


	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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V. Site map

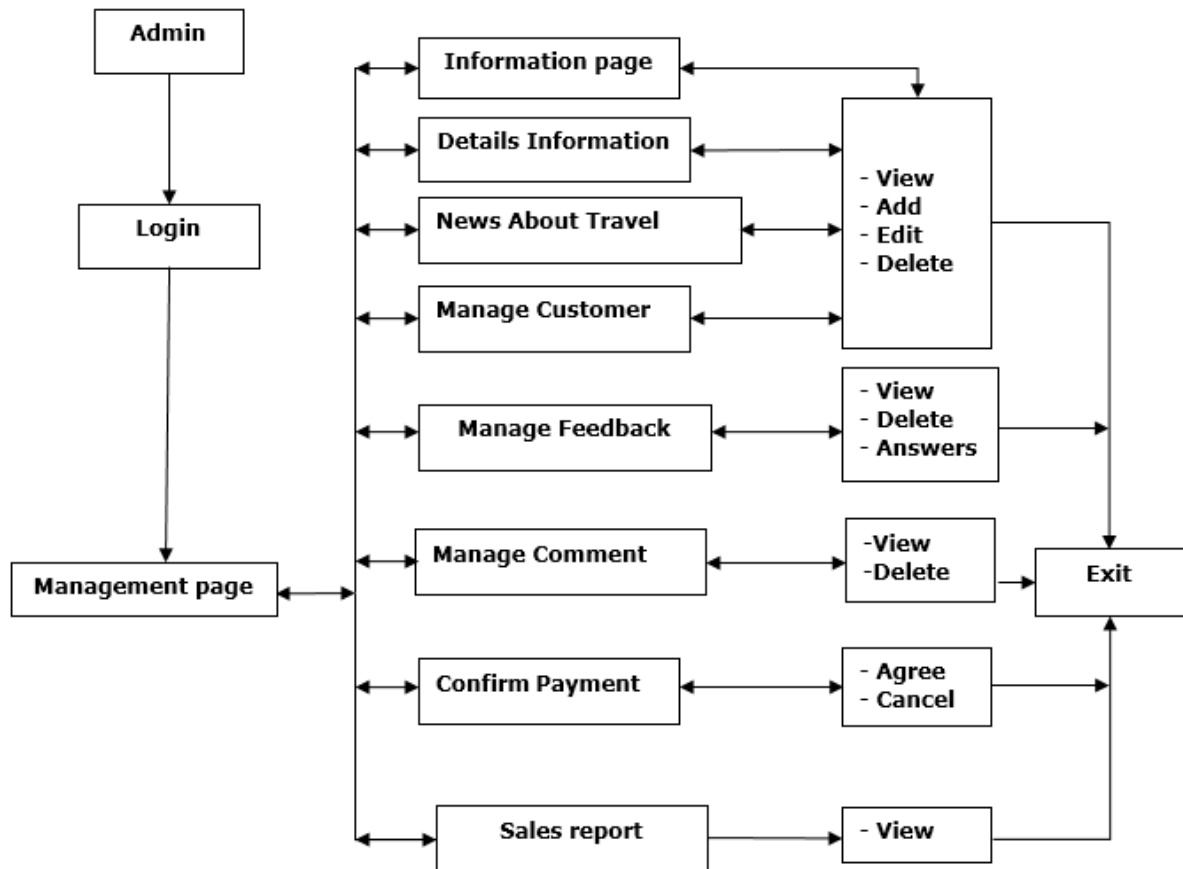
Customer



	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
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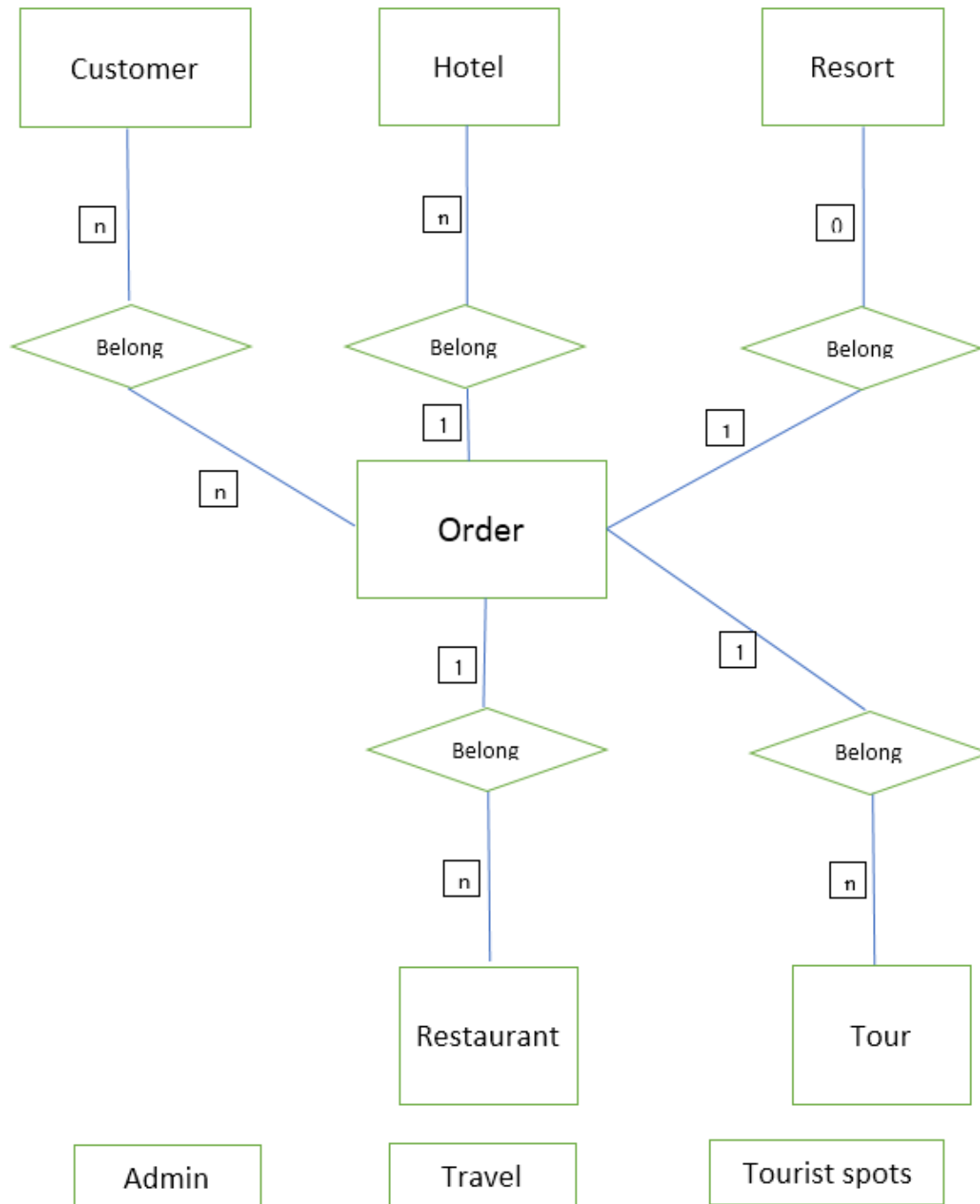
Administrator:



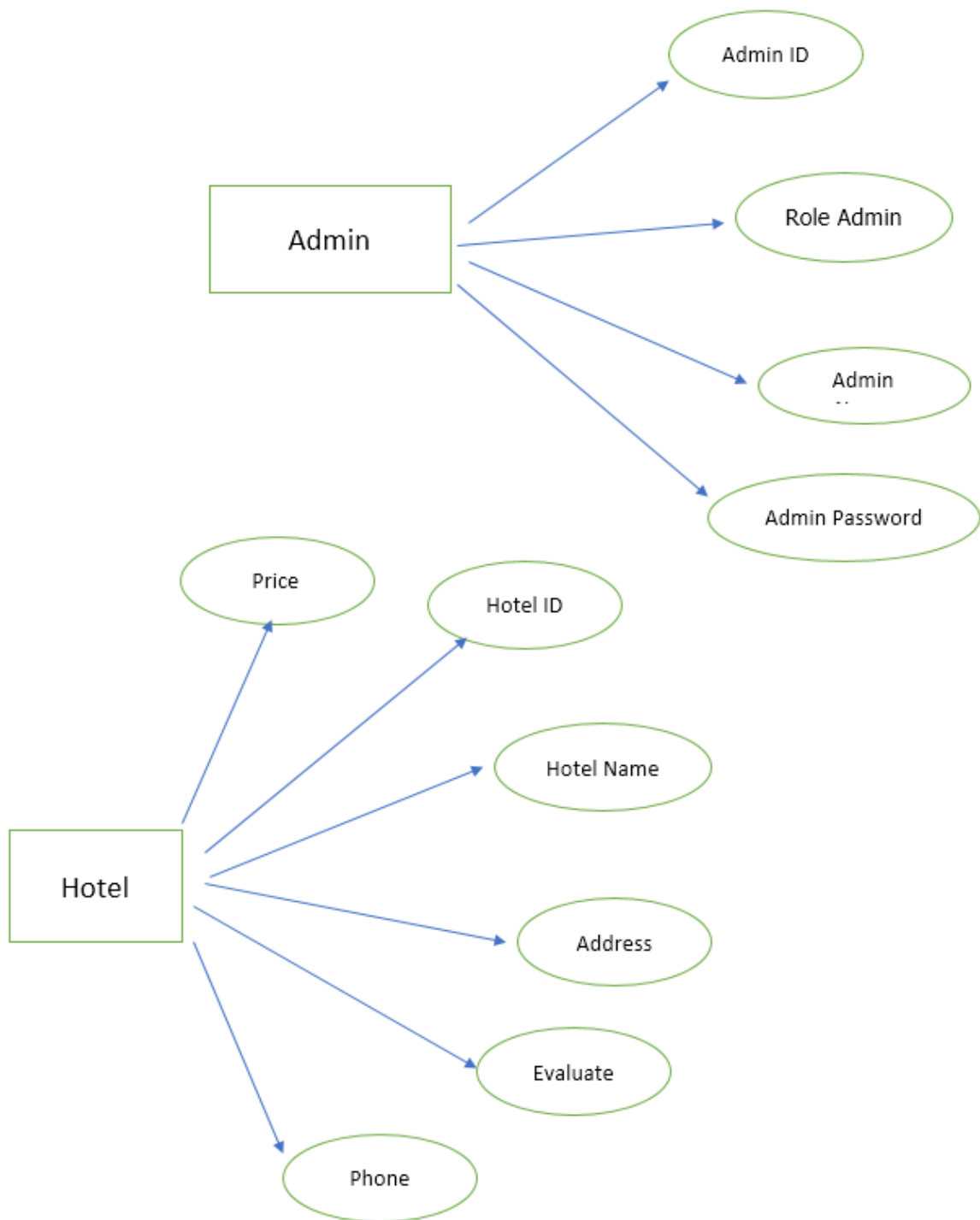
	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

VI. Entity Relation Diagram:

Entity-Relationship Diagram

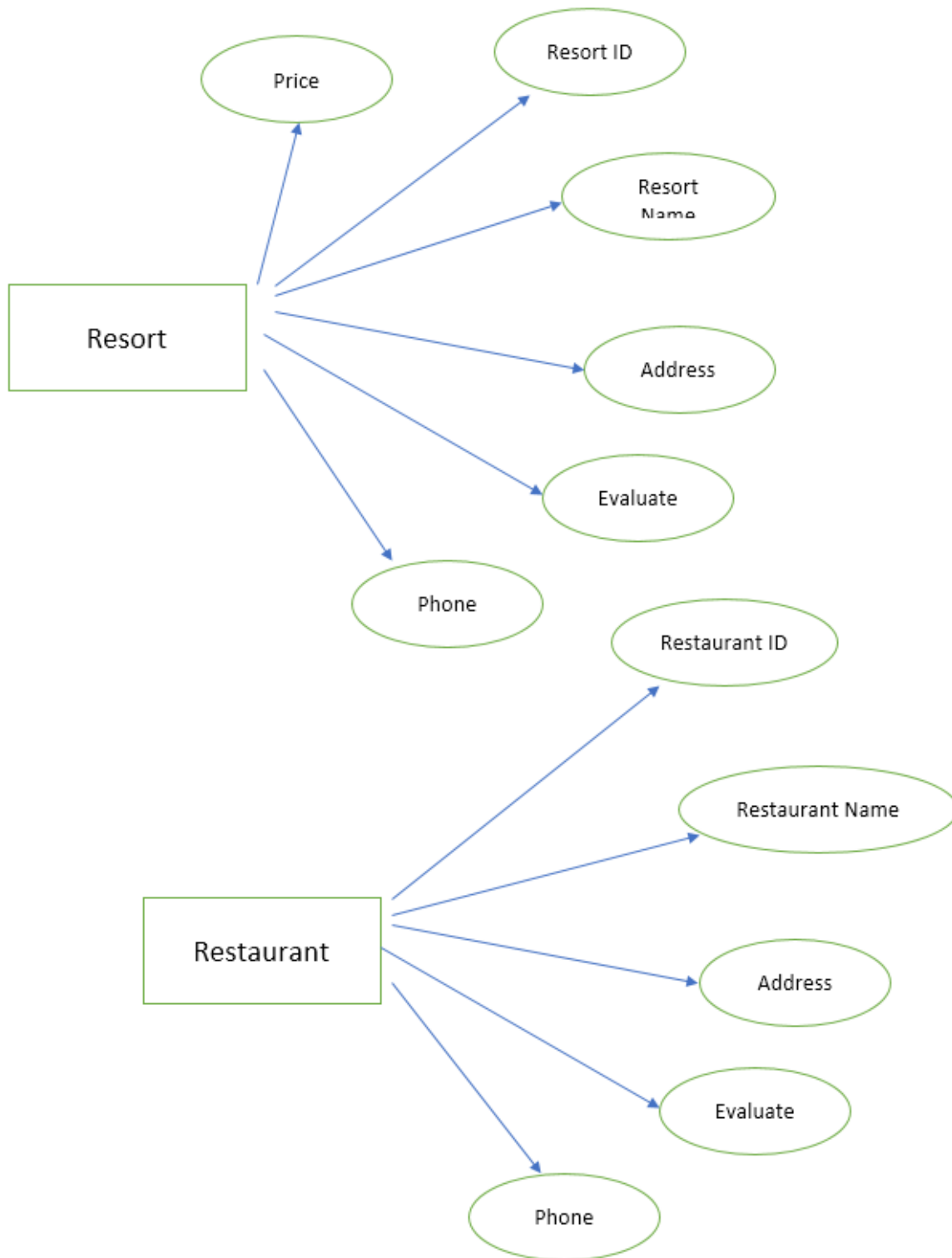


	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

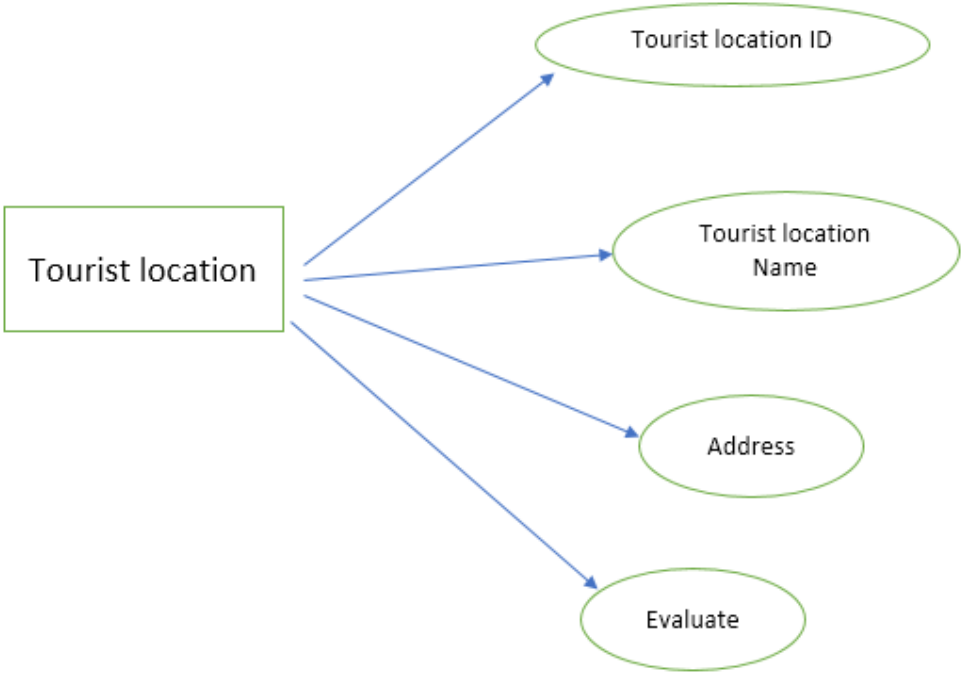


	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
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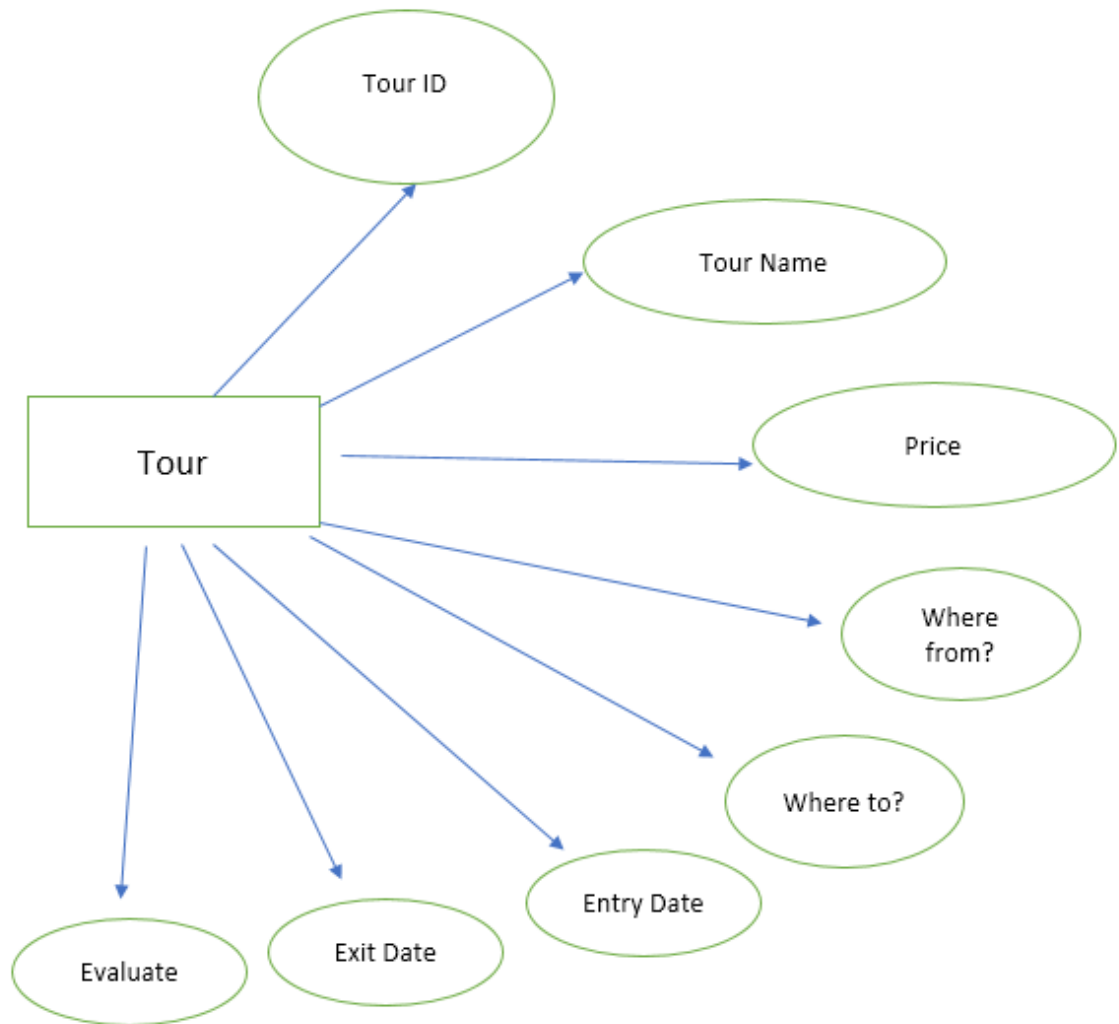


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	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018



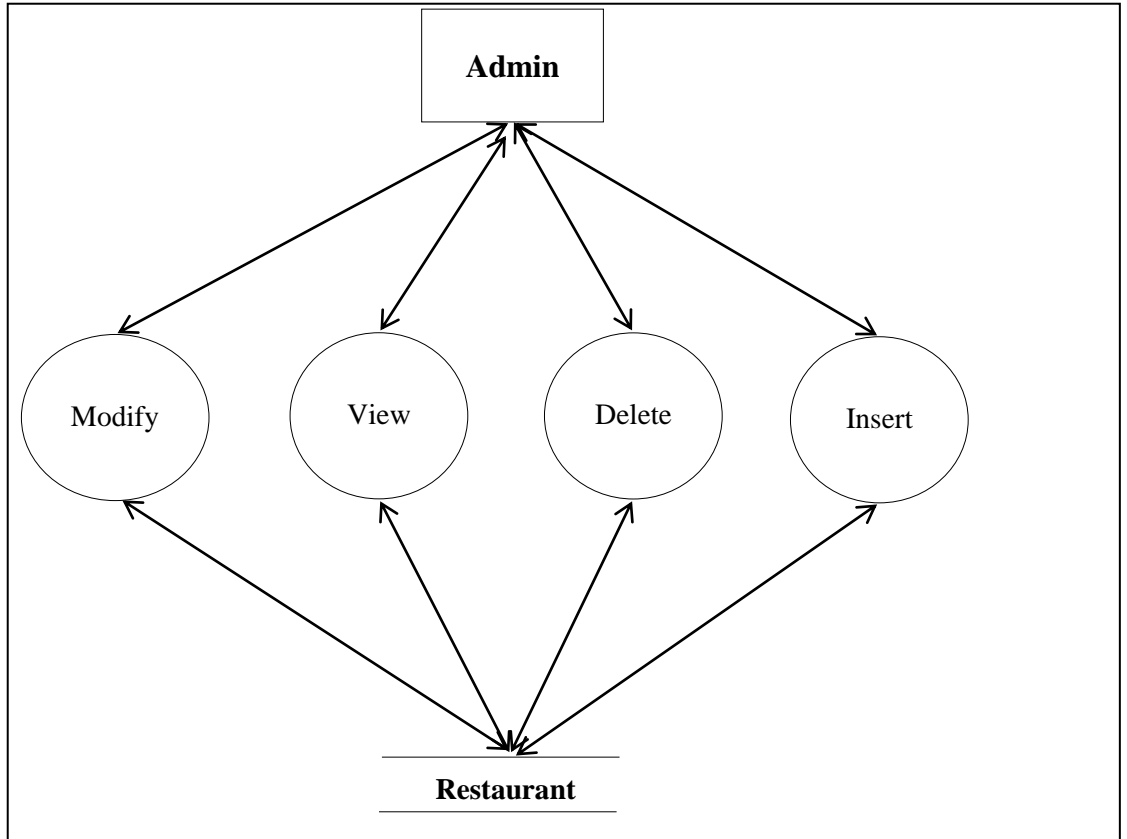
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	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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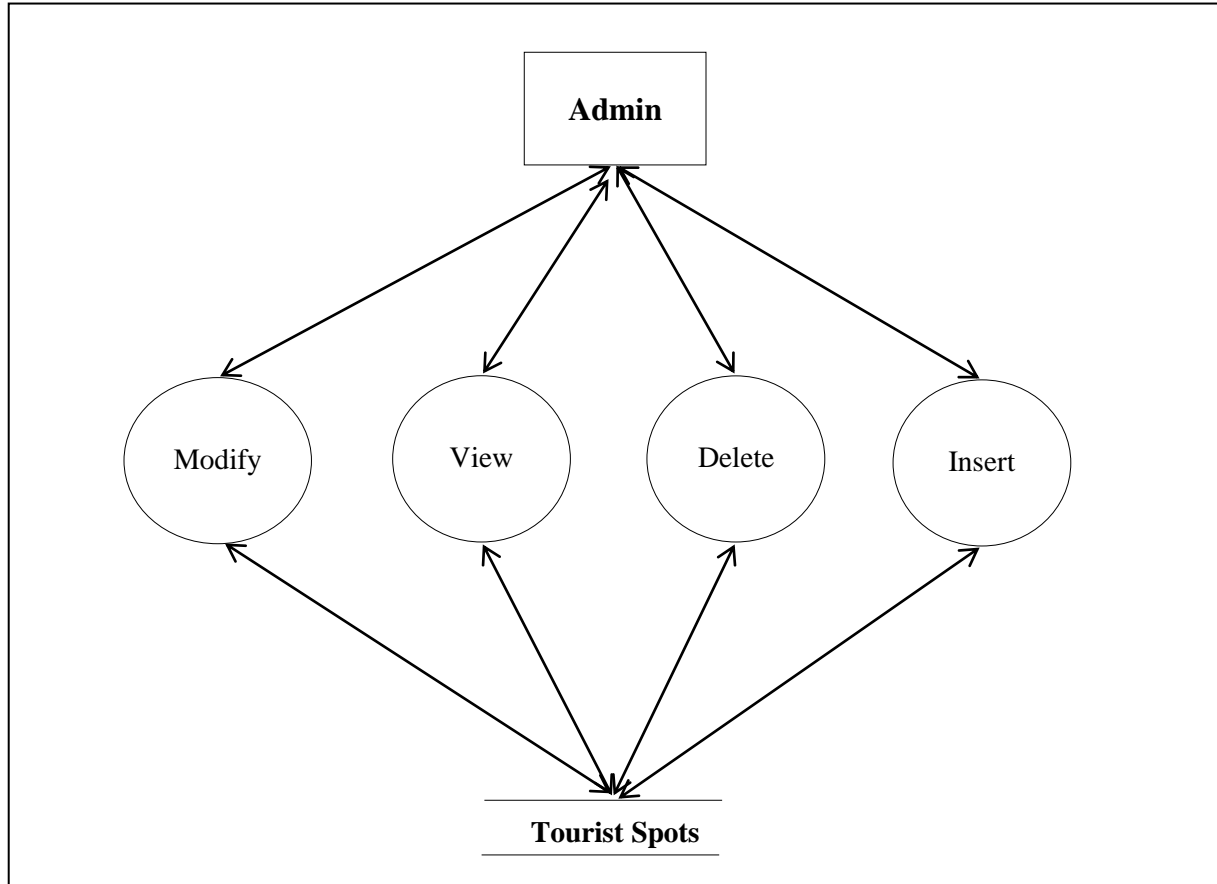
	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

**VII. Data flow
Admin**

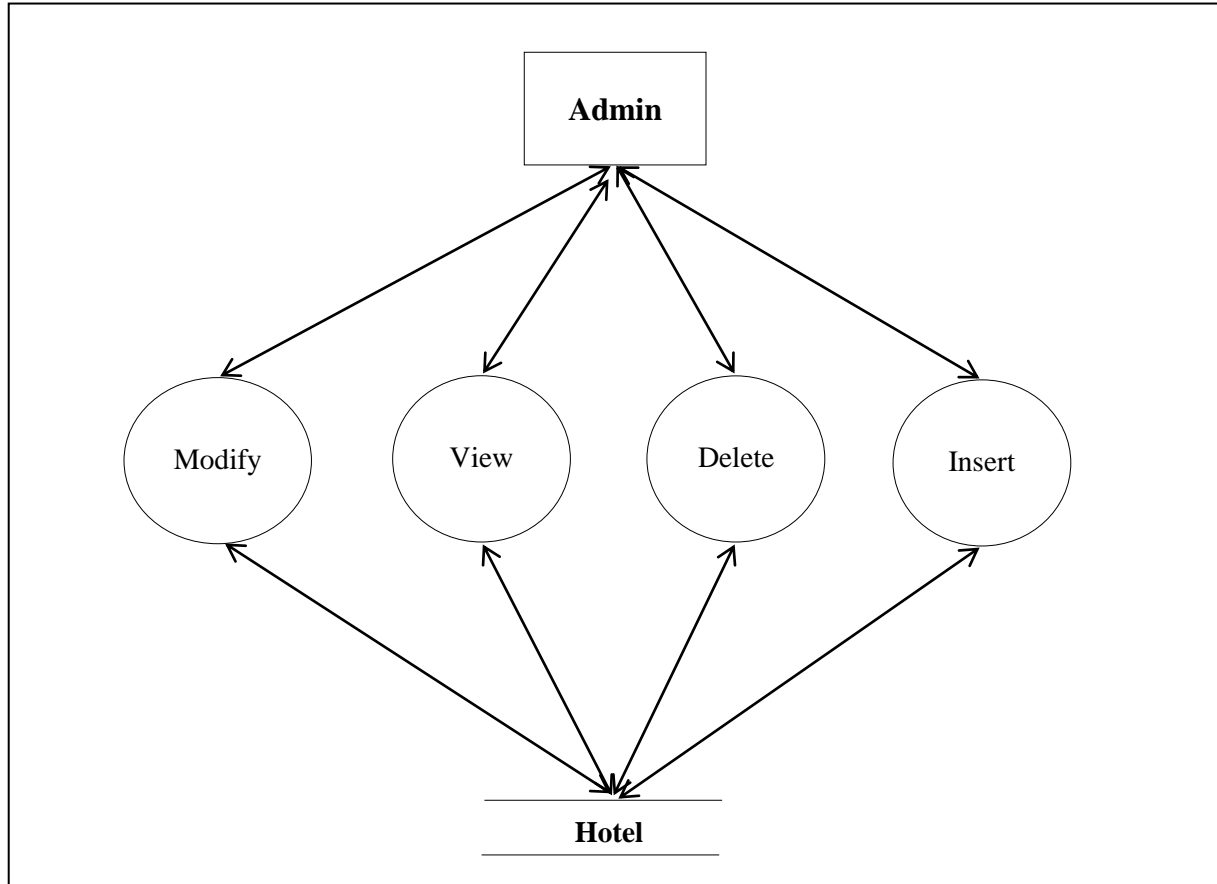


	Prepared by: All Members	Approved by: Le Mong Thuy
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Signature		
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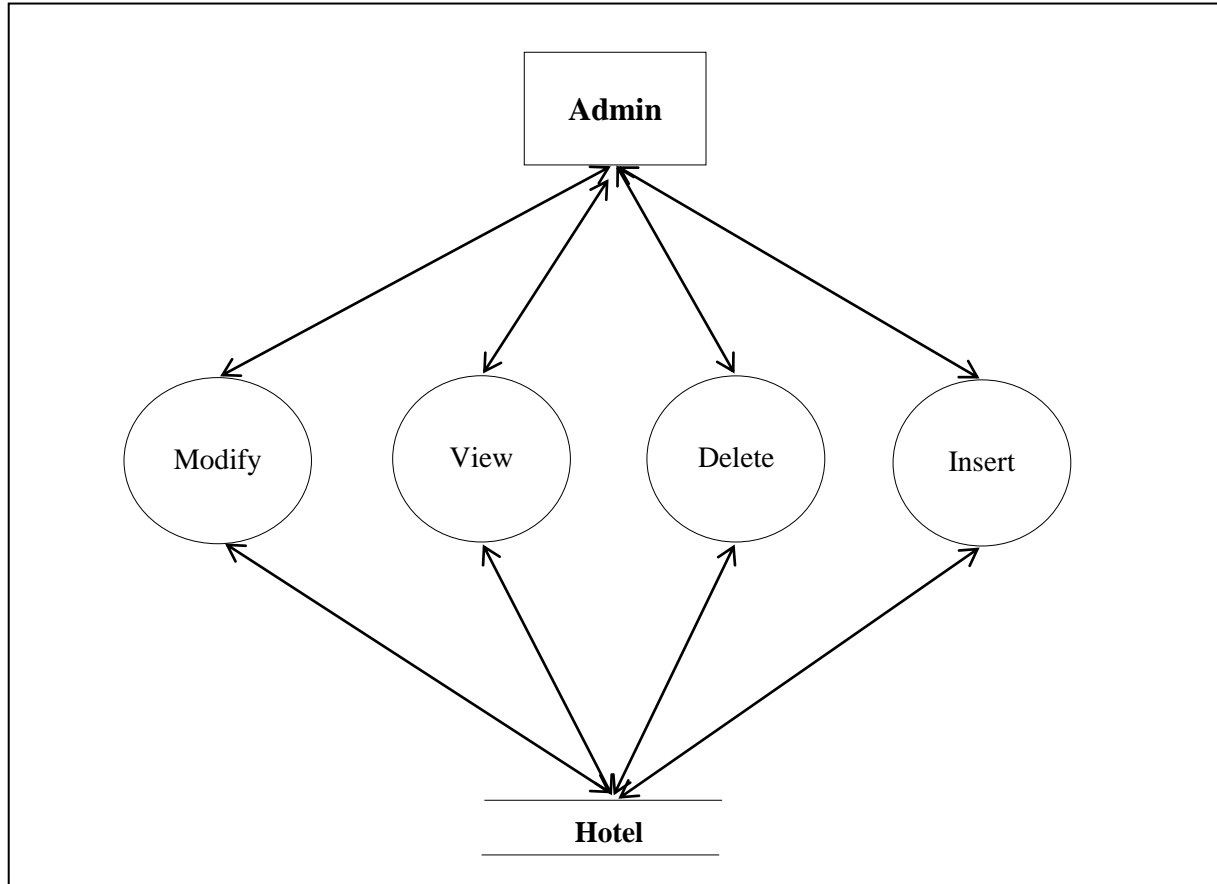


	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018



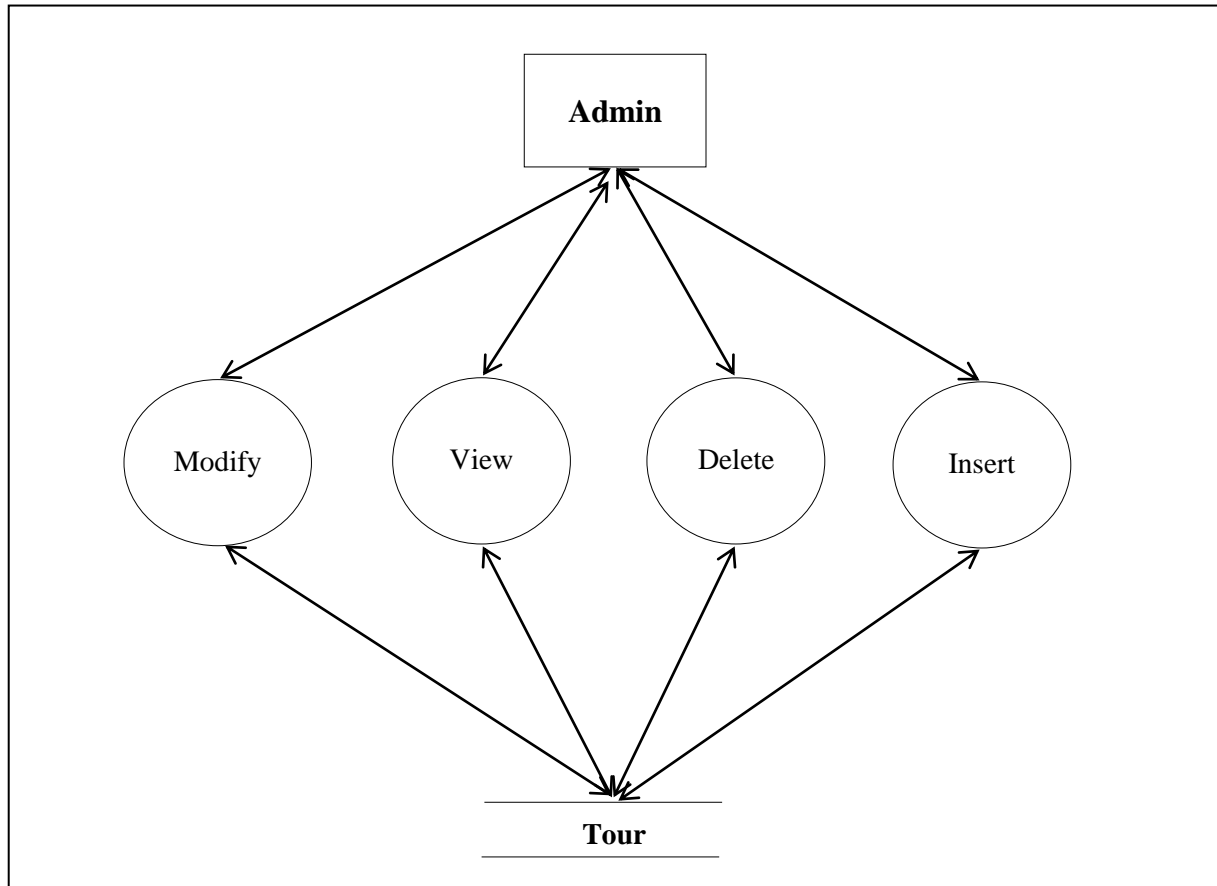
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	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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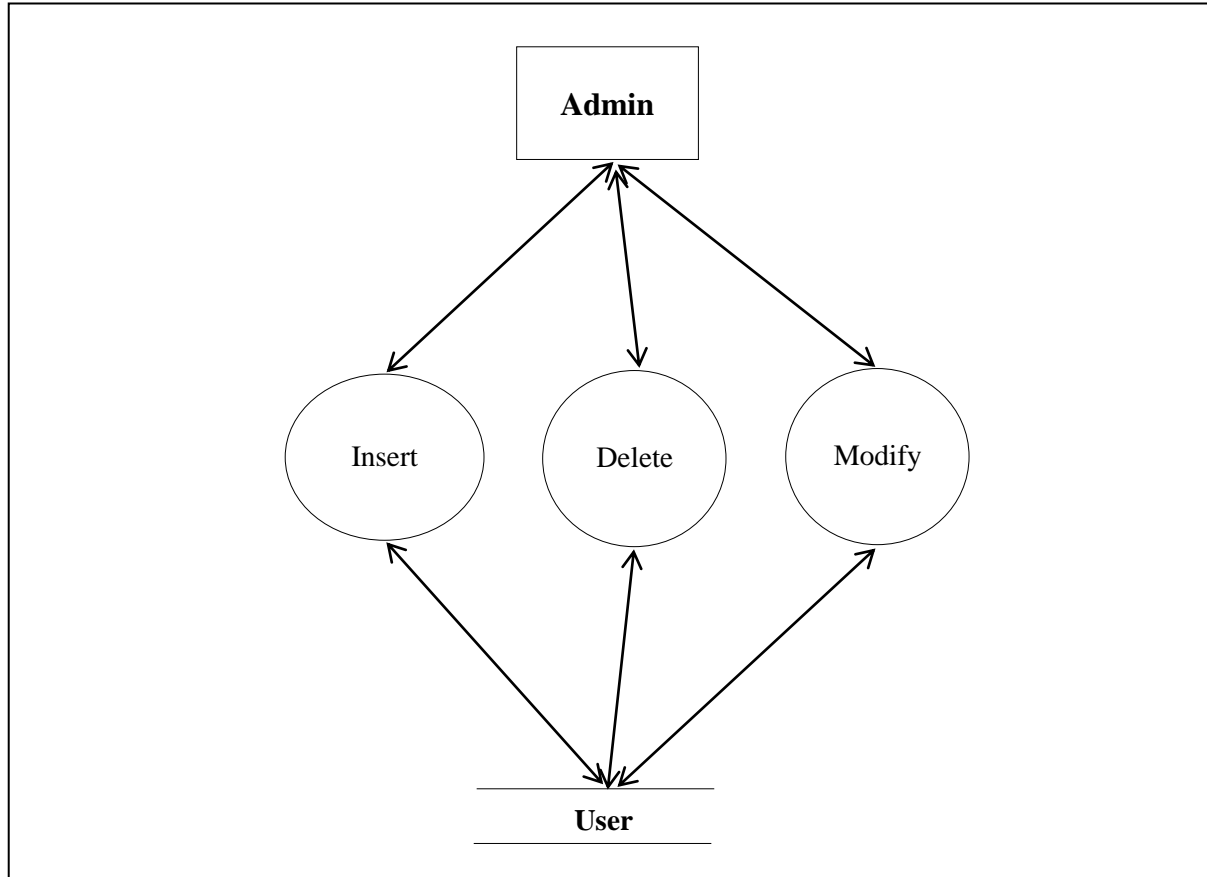
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	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

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	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018

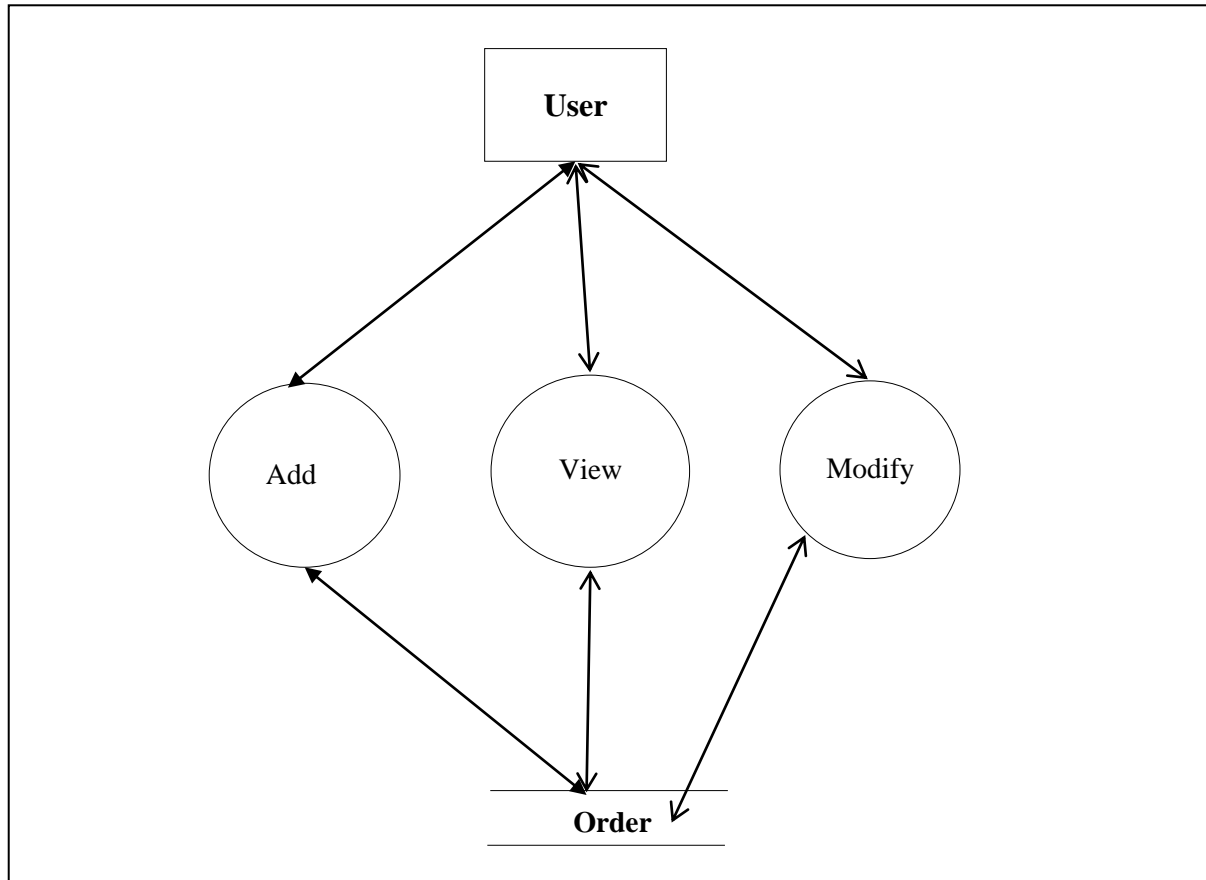
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	Project Group No: 4	
Signature		
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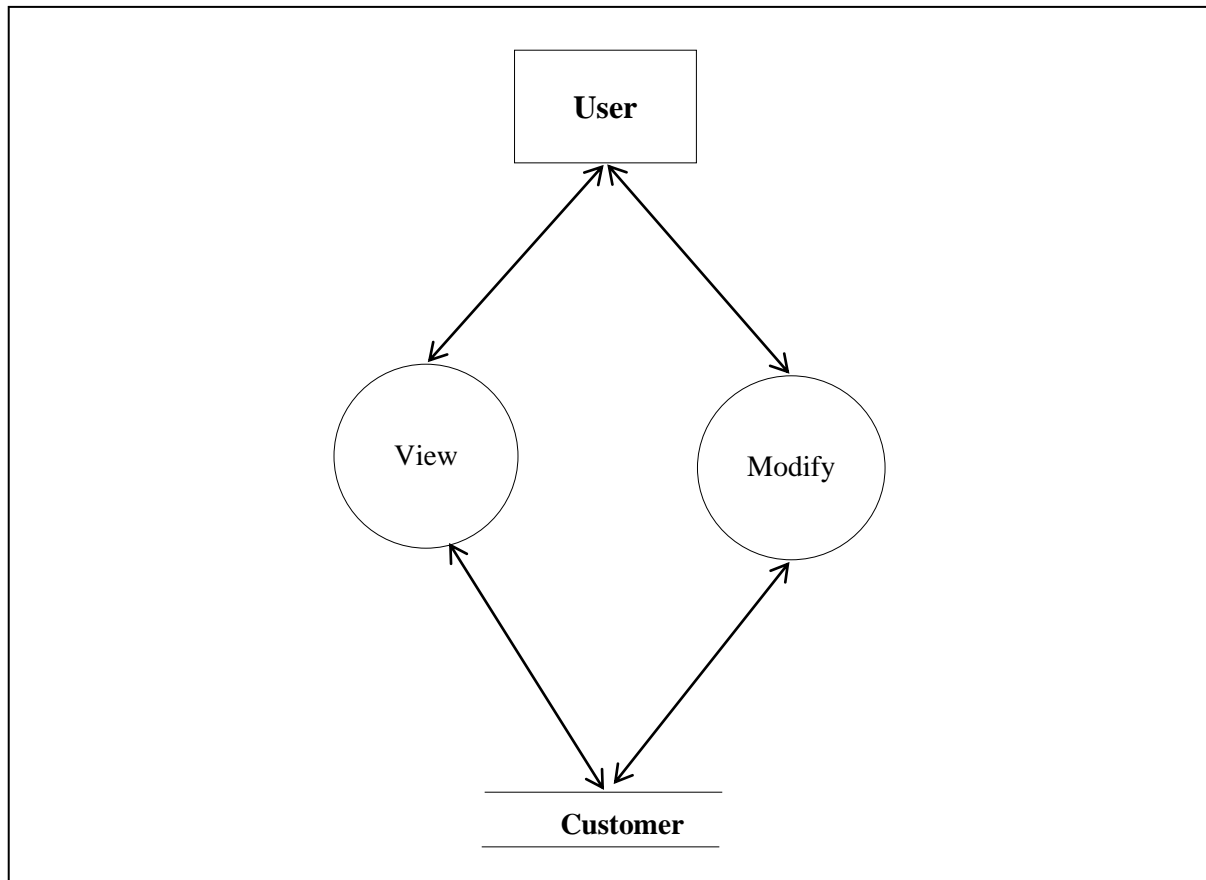
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Customer:



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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	Oct 8,2018	Oct 11,2018	Completed
2	Vũ Ngọc Trường	Data flow Functional Flow	Oct 8,2018	Oct 11,2018	Completed
3	Đoàn Khánh Nhi	Use Case Site Map ERD	Oct 8,2018	Oct 11,2018	Completed
Teacher			Team Leader		
Le Mong Thuy			Hồ Hoàn Vũ		

	Prepared by: All Members	Approved by: Le Mong Thuy
	Project Group No: 4	
Signature		
Date	Oct 5,2018	Oct 5,2018