

FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Airlines Reservation System

Center Name: FPT – Aptech – HCM2

Address: 590 Cach Mang Thang Tam,
District 3, Ho Chi Minh City

Instructor: Mr. Hoang Duc Quang

Class: T1.2008.M0

Group: 01

Group members	Name	Student ID
	Huỳnh Trần Thế Hùng	Student1273503
	Nguyễn Văn Nhân	Student1273005
	Nguyễn Ngọc Sơn Tùng	Student1273494
	Hoàng Hải Long	Student1273511

Project Duration	Start date	1 st Dec 2021
	End date	31 th Dec 2021

This is to certify that

Mr./Ms.:

Huỳnh Trần Thế Hùng

Nguyễn Văn Nhân

Nguyễn Ngọc Sơn Tùng

Hoàng Hải Long

Has successfully designed & developed

Project: Airlines Reservation System

Submitted by:

Huỳnh Trần Thế Hùng

Date of issue: Dec 1st 2021

Authorized Signature:

Contents

REVIEW 1	5
1. ACKNOWLEDGE.....	6
2. INTRODUCTION.....	6
3. PROBLEM DEFINITION	7
FROM VIEWER'S VIEWPOINTS	7
FROM THE POINT OF THE SMALL ADMINISTRATIVE.....	7
4. CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)	7
CLIENT: Airlines Reservation System	7
BUSINESS/PROJECT OBJECTIVE:.....	7
HARDWARE/ SOFTWARE REQUIREMENTS:	9
5. TASK SHEET REVIEW 1.....	11
REVIEW 2	13
1. USECASE.....	14
2. DATA FLOW DIAGRAM (DFD).....	32
SEQUENCE DIAGRAM FOR AIRLINE RESERVATION SYSTEM DESIGN	33
• CUSTOMER	33
• ADMIN.....	34
Class diagram	34
ENTITY RELATIONSHIP DIAGRAM (ERD).....	35
ENTITY PROPERTIES	35
3. TABLE DESIGN	37
4.TASK SHEET REVIEW 2	41
REVIEW 3	43

Customer 's Site	44
Admin's Site	51
TASK SHEET REVIEW 3	56

REVIEW 1

1. ACKNOWLEDGE

Our team would like to dedicate this chapter to express our sincere gratitude to all those who have provided us with valuable support during the implementation of this Electronic Project.

First, we are indebted to our dedicated guide, Mr. Hoang Duc Quang, who gave us advice and encouragement to help us overcome not only technological challenges but also psychological stresses. Without him, our work could not have been completed brilliantly.

Second, we appreciate the eProject Team at Headquarters, which gave us a great opportunity to put what we've learned into practice. We are sure that the experience that we gain from this project will greatly facilitate our future career.

Third, we would also like to thank all the staff at my center who not only gave me the opportunity to work with them on this project, but also supported and encouraged them throughout the process.

Finally, more importantly, we would like to personally thank all of our dear classmates and team members who were always willing to support us openly and enthusiastically.

2. INTRODUCTION

We are in an era where information technology makes buying and selling easier than ever. People can order anything on their phones, and everything is completed electronically, interactively in real time. So we are developing a website called Airlines Reservation System to catch up with today's online shopping trend.

Airlines Reservation System is for an organization that wants to develop an online store where their user can be someone who doesn't have a lot of time to go to the store or someone who has a habit of shopping online or simply being in too far from independent stores. It will provide users with the following features.

For Customer:

- Customers can register an account.
- Customers can login and manage their accounts.
- Customers can search for any flight such as Local (Domestic), International .
- Customers can search for products by price.
- Customers can view flight introduction before buying.
- Customers can purchase products after adding products to cart.
- Customers can view cart history.
- Customers can interact with the website by asking questions, giving feedback on the contact us function.

3. PROBLEM DEFINITION

After analyzing the specifications of the Airlines Reservation System, in order to meet the customer's requirements correctly, we have concluded that for the best results, we should address the following issues. following query:

FROM VIEWER'S VIEWPOINTS

- A home page will display the main products, the appropriate logo, display the logo on all pages in the site.
- A menu will include all the functions performed in the website.
- Customers can purchase products, add products to cart, view cart history and checkout after logging into their account

FROM THE POINT OF THE SMALL ADMINISTRATIVE

- The login page will grant administrator access to the Product.
- Administrators can view, add, update and delete products.
- Administrators can view, add, update, delete, find, lock and unlock customer accounts.
- Admin can manage news and orders.

4. CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)

CLIENT: AIRLINES RESERVATION SYSTEM

BUSINESS/PROJECT OBJECTIVE:

Website design project to sell products online: international flights and domestic flights

Input to the system:

The product store administrator needs to provide:

- Information needed to create an account to access the administrative system.
- The product will be displayed on the website.

Product store customers need to provide:

Personal information to purchase products.

Output from the system:

Administrators will be able to:

- Login / Log out of the administrative system.
- List Flights.
- Arrange Flights.
- Add Flights.
- Schedule Flights.
- Add Tickets
- Manage Tickets
- Checked Book Tickets.
- Update Flights
- Manage Price

Anonymous will be able to:

- Register for a customer account.
- Search Flights
- View Flights
- Book the Tickets after adding information.
- View the Tickets they have selected.

Customers will be able to:

- Signup As Customer.
- Log in / Log out of your account.
- Edit Profile
- Search Flights
- View Flights
- Book Tickets.
- Print Ticket.
- Check PNR.
- View order history.

SCOPE OF WORK

The application should perform the following functions:

Login:

- There are 1 types of account in the application ("admin"). Administrator will login as "admin".
- For "admin": can view the ticketsid, name, add new, update, delete.
- For "admin": can view the customer id, name, add new, update, delete, lock, unlock.
- For "admin": can view and manage view.
- For "admin": can view and manage order.

Buying products:

- When customer choose a product and the selected product will be added to the cart.
- Customer can buy tickets at shopping cart after pressing the “Checkout” button and fill in the information.

Database:

- The information about tickets, customers, news, orders will be stored in the database.
- The information from the contact us page.

HARDWARE/ SOFTWARE REQUIREMENTS:**Hardware****4.1.1.1. Web Server**

Processor	Intel Core I5 or higher.
Memory	4 GB RAM or greater.
Modem/ADSL	Internet access is required.

4.1.1.2. Client

Processor	Intel Core I3 or higher.
Memory	2 GB RAM or greater.
Monitor	Super VGA (1024x768) or higher resolution.
Modem/ADSL	Internet access is required.

SOFTWARE

4.1.1.3. Web Server

Operation System	Window home.
Browser	CocCoc
Database	MySQL.
Software	Internet Information Service
	ASP.NET CORE MVC

4.1.1.4. Client

Operation System	Window 7 or higher.
Browser	CocCoc

DEVELOPMENT SOFTWARE

- Microsoft Windows 10.
- MySQL.
- Visual Studio Code.
- Google Chrome.
- XAMPP.

TECHNOLOGY

- ASP.NET MVC.
- JQuery.
- Bootstrap.
- HTML/CSS

5. TASK SHEET REVIEW 1

Project Ref. No.:		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
Sr./No.	Task			Actual Start Date	Actual Days	Team member name	Status
1	Acknowledgment	AirLine Reservation System	All Team	1-Dec-21	1	Hùng	Completed
2	Introduction			2-Dec-21	1	Hùng	Completed
3	Problem Definition			3-Dec-21	1	Tùng	Completed
4	Customer Requirement Specification (CRS)			4-Dec-21	3	Tùng	Completed
5	Scope of Work			5-Dec-21	2	Nhân	Completed
6	Hardware/Software Requirement			6-Dec-21	2	Nhân	Completed
7	Task Sheet			7-Dec-21	1	Long	Completed

Date: 8 Dec 2021

Signature of Instructor:

Mr. Hoang Duc Quang

Signature of Team Leader:

Nguyễn Văn Nhân

REVIEW 2

1. USECASE

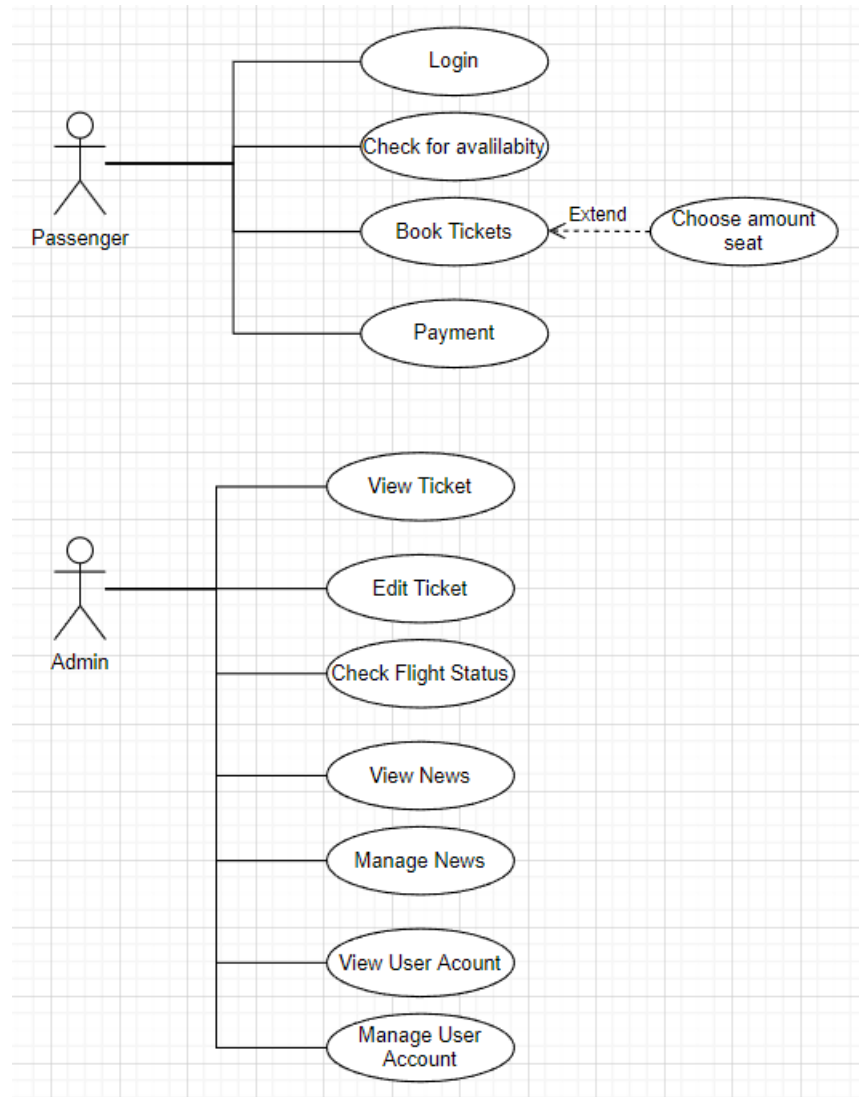
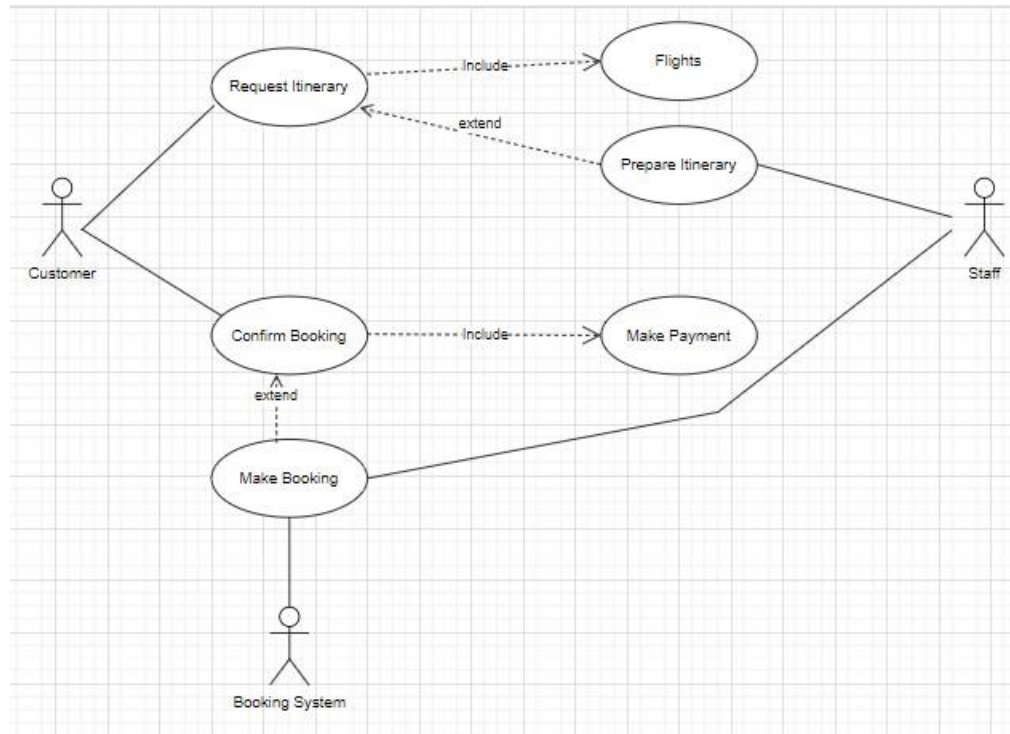


Fig 1.1 Airline Reservation System



CUSTOMER



LOGIN AS CUSTOMER

Author	
Use Case Name	Login
Actors	Customer
Description	Customer who has registered an account can login
Requirements	Customer provides username and password
Pre-conditions	Customer must register an account
Post-conditions	Success: Customer is logged in to website

	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	1. Customer clicks 'Login' button on Home Page. 3. Actor inputs UserAccount and Password, then click the 'Login' button.	2. System redirects to Login Page with the following controls: - "UserAccount" text field - "Password" text field - "Login" button 4. System checks the information. 5. System redirects to Customer's dashboard.
Exceptions	Actor's actions:	System's responses:
	1. Actor inputs invalid UserAccount and password.	System redirects to Login page with the following controls: - "UserAccount" text field - "Password" text field - "Login" button System shows message: "Account or password is not precision".

REGISTER AS CUSTOMER:

Author	
Use Case Name	Register as Customer
Actors	Customer
Description	Customer who has registered an account can login
Requirements	Customer registers an account on the website and becomes a member

Pre-conditions	Customer provides their register information	
Post-conditions	Success: Customer creates a User account in this website	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	<p>1. Customer clicks Homepage => Login => "Register" button on LoginTable</p> <p>3. Customer inputs register's information and click "Register" button.</p>	<p>2. System redirects to Register page and displays Registration form with the following controls:</p> <ul style="list-style-type: none"> - "Full-name" text field - "Username" text field - "Password" text field - "Confirm Password" text field - "Email" text field - "Address" text field - "Phone" text field - "Register" button - "Reset or Delete" button <p>4. System validates the information.</p> <p>5. System inserts the account into database</p> <p>6. System show success message.</p>
Exceptions	Actor's actions:	System's responses:
	<ul style="list-style-type: none"> - Actor left "Username" textfield blank. - Username has already existed. - Actor left "Password" textfield blank. 	<p>System displays message to customer:</p> <ul style="list-style-type: none"> - "Username cannot be blank". - "This Username has already existed".

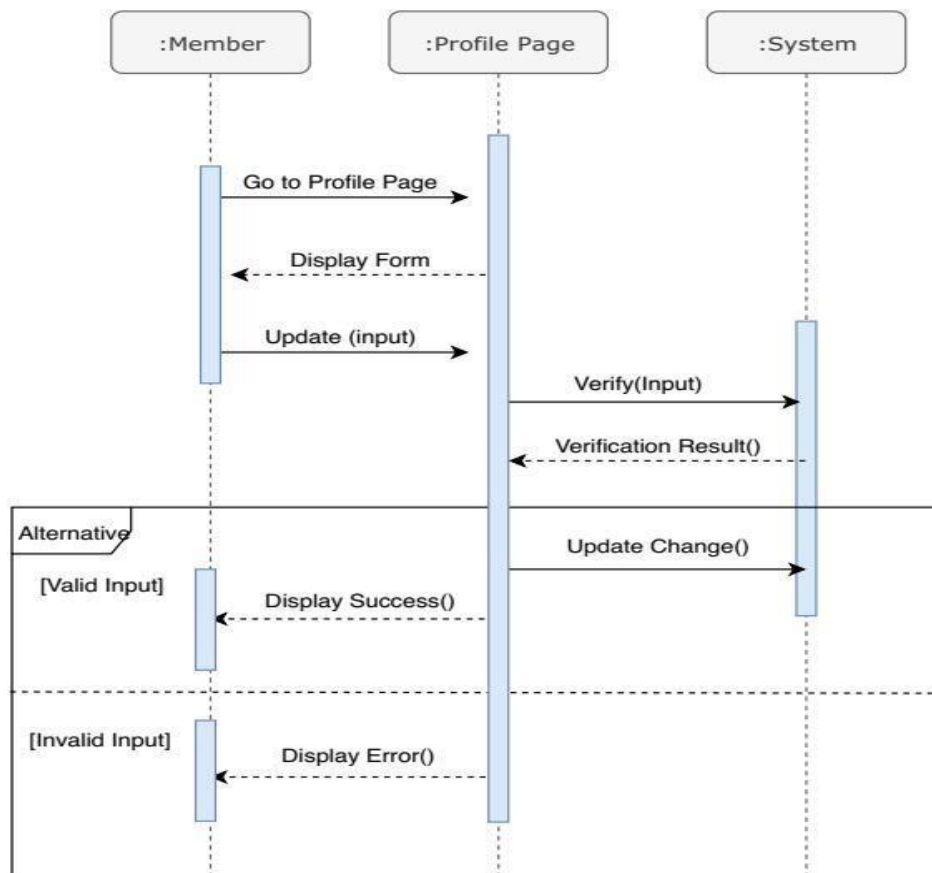
	<ul style="list-style-type: none"> - Actor left "Confirm Password" text field blank. - Password and confirm password don't match. - Actor left "Email" text field blank. - Email has already existed. - Actor left "Phone" text field blank. - Input phone is not numeric format or phone length is not between 8 and 14 characters. - Actor left "Email" text field blank or input an invalid email address. 	<ul style="list-style-type: none"> - "Password cannot be blank". - "Confirm Password cannot be blank". - "Confirm Password does not match password." - "Address cannot be blank". - "This Address has already existed". - "Email cannot be blank". - "This Email has already existed". - "Phone cannot be blank". - "The phone number should be numeric only and must be between 8 and 14 digits". - "Email is invalid".
--	--	--

VIEW PROFILE

Author	
Use Case Name	View profile
Actors	Customer
Description	Customer who want to view their profile
Requirements	Customer provides their personal information
Pre-conditions	Customer is logged in
Post-conditions	Success: Actor can view their profile
	Fail: Actor cannot view their profile

	Actor's actions:	System's responses:
Basic flow	1. Actor clicks "Account" button on Menu Bar.	2. System redirects to Account page and displays Account form with the following controls: <ul style="list-style-type: none"> - "Full-name" text field - "Address" text field - "Email" text field - "Phone" text field

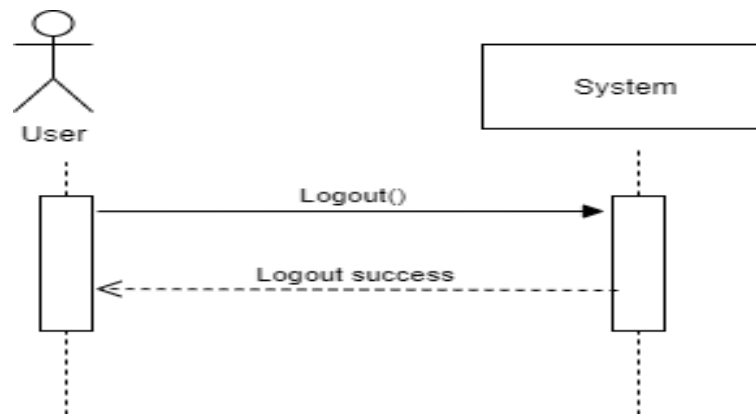
EDIT PROFILE:



Author		
Use Case Name	Edit profile	
Actors	Customer	
Description	Customer who want to update their profile	
Requirements	Customer provides their personal information	
Pre-conditions	Customer is logged in	
Post-conditions	Success: Actor can edit their profile	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	<p>1. Actor clicks "Account" button on Menu Bar.</p> <p>3. Actor inputs personal information and clicks "Submit".</p>	<p>2. System redirects to Account page and displays Account form with the following controls:</p> <ul style="list-style-type: none"> - "Full-name" text field - "Address" text field - "Email" text field - "Phone" text field - "Update" button <p>4. System validates password then sends to database.</p> <p>5. System shows message: "You must want to change your personal information!" => "OK".</p>
Exceptions	Actor's actions:	System's responses:

	1. Actor login an account which does not exist in database.	System shows message: "Invalid account".
--	---	--

LOGOUT

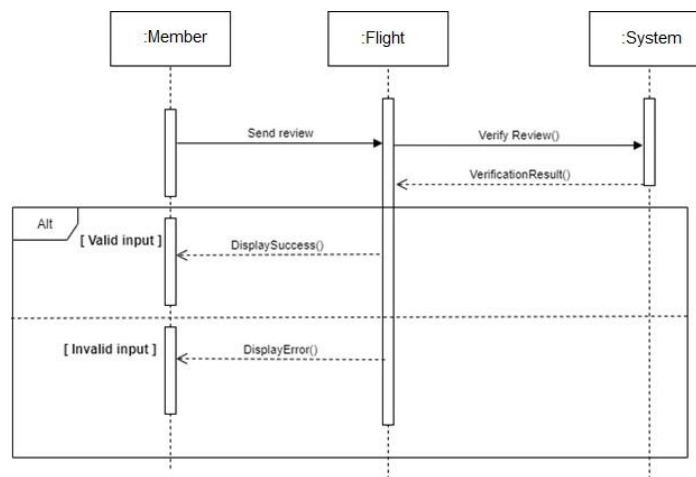


Author		
Use Case Name	Logout	
Actors	Customer	
Description	Customer clicks on "Logout" button and their session is terminated.	
Requirements	N/A	
Pre-conditions	1. Customer is logged in 2. Customer no longer wants to be logged in	
Post-conditions	Success: Customer can logout	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	1. Actor clicks "Log out" button on Menu Bar.	2. The system logs the actor out and invalidates the session. 3. The system redirects to the default logout page.

Exceptions	Actor's actions:	System's responses:
	1. Actor cannot logout	System shows message: "Not logged in".

Payment

VIEW FLIGHT DETAIL



Author		
Use case name	View Flight	
Actors	Registered Customer/ New Customer	
Description	Customer can view Flight detail	
Requirements	Customer select flight to show flight's detail	
Pre-conditions	N/A	
Post-conditions	Success: Display flight detail matching the selected flight	
	Fail: No flight is shown	
Basic flow	Actor's actions:	System's responses:

	1. Actor select Flight	2. System shows flight's detail matching selected product
--	------------------------	---

VIEW CART

Author		
Use case name	View cart	
Actors	Registered customer	
Description	Customer can view their cart	
Requirements	N/A	
Pre-conditions	Customer must log in before view cart	
Post-conditions	Success: Customer can view their cart	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	1. Actor click on "Cart" icon.	2. System shows cart and request cancel booking.
Alternative flow	1. Actor clicks "x" – Close button- on table 2. Actor change quantity of a product 3. Actor clicks "x" – close button – in the right side of each product.	1. System redirects to current page. 2. System removes this booking from cart.

CHECKOUT

Author		
Use case name	Check out and Place order	
Actors	Registered customer	

Description	Customer can order flights	
Requirements	Customer must has at least 1 flights in cart	
Pre-conditions	Customer must log in before adding flights	
Post-conditions	Success: Actor order successfully	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	1. Actor click "Add to cart" button or "Cart" icon. 3. Actor clicks "Check out with" button. 5. Actor inputs order information then click "Place Order" button. 6. Actor inputs Card owner's name, card number and security code if actor choose payment by credit card. 9. Actor views order's status in Order page.	2. System shows cart and added flights 4. System shows all flights in cart with calculated total price and show following controls: - "Customer name" text field. - "Phone" textfield. - "Address" textfield. - "Note" text field - "Payment" table. Systems shows Payment tab type according to type of payment actors choose. 5. System validates information. 6. System redirects to Order page and show order's status.
Alternative flow	1. Actor clicks "X" – Close button- on table 3. Actor clicks "X" button on each product. 5. Actors clicks "Home" button.	1. System redirects to cart page.. 2. System redirect to Home pages.

Exceptions	Actor's action	System's response
	1. Actor inputs more flights than there are in stock. 2. Actor left "Billing name" text field blank. 3. Actor left "Address" text field blank. 6. Actor left "Payment" dropdown blank. 7. Actor inputs invalid card information.	8. System shows messages: - "Flight out of stock". - "Order name must not be blank". "Address must not be blank". "Must choose a delivery date". "Must choose a delivery time frame". "Must choose a payment method". "Invalid card".

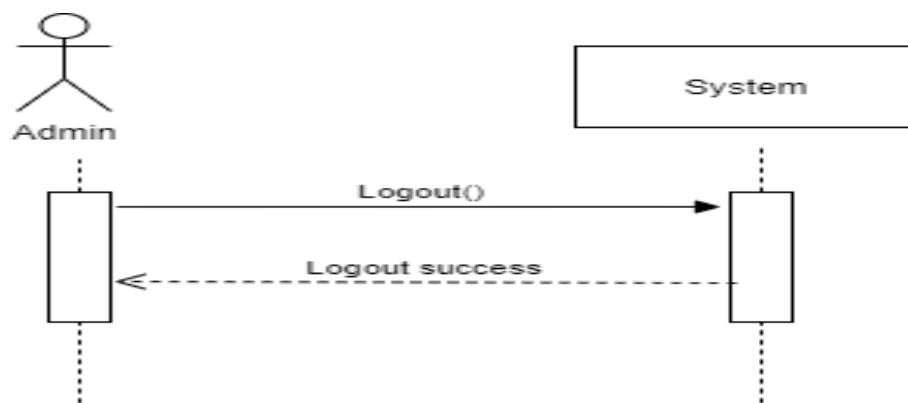
VIEW ORDER HISTORY

Author		
Use case name	View order history	
Actors	Registered customer	
Description	Customer can view their order history	
Requirements	N/A	
Pre-conditions	Customer must log in to website	
Post-conditions	Success: Customer can view their order.	
	Fail: Customer cannot see their order.	
Basic flow	Actor's actions:	System's responses:
	1. Actor chooses "Account" icon on Menu Bar	2. System redirects to Account page.

	<p>3. Actor chooses “Your row” on sides bar.</p> <p>5. Actor selects the order that they want to view in “Purchase history” and clicks “View” Button.</p>	<p>4. System redirects to “Your row” page and displays a list of existing orders and their status.</p> <p>6. System validates inputs by id of Order.</p> <p>7. System displays all order’s detail and its status.</p>
--	---	---

ADMIN

LOGIN



Author	
Use case name	Login
Actor	Admin
Description	When admin wants to manage Flights, news, views orders and orders detail
Requirements	Admin provides username and password
Pre-conditions	Admin must be exist on database
Post-conditions	Success: Admin is logged in to website admin
	Fail: refill information

Basic flow	Actor's actions:	System's responses:
	1. Actor clicks on 'Login' button. 3. Actor inputs Admin-Acount and Password, then click the 'Login' button.	2. System redirects to Login Page with the following controls: - 'Admin-Acount' text field - 'Password' text field - 'Login' button 4. System validates the information. 5. System redirects to Admin website
Exceptions	Actor's actions:	System's responses:
	1. Actor inputs invalid email and password	System redirects to Login page with the following controls: - 'Admin-Acount' text field - 'Password' text field - 'Login' button.

Manage Customer

Author	
Use case name	Manage Customer
Actor	Admin
Description	When admin wants to control Status customer 's cart
Requirements	Admin provides New content
Pre-conditions	Actor is logged in admin
Post-conditions	Success: News content is added into the website

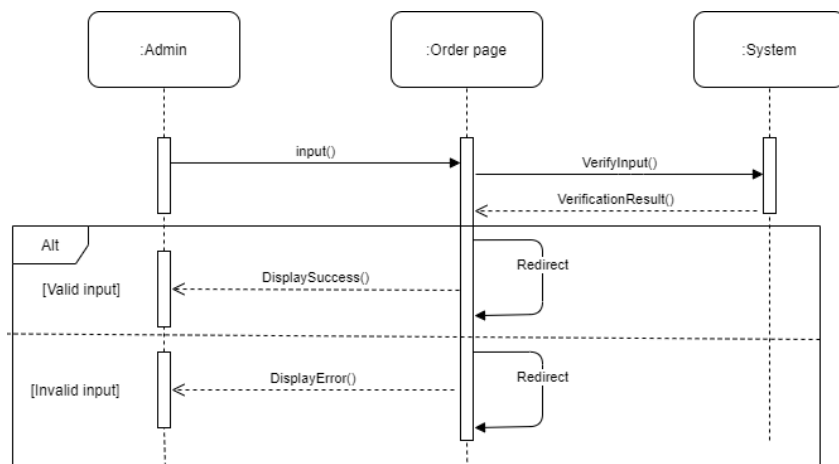
	Fail: admin can't create	
Basic flow	Actor's actions:	System's responses:
	1. Actor clicks 'Edit-icon' button. 2. Actor inputs information to update customer 's cart	System displays a form with the following fields: - id - name - user-account - password - email - phone - address -status Finally, click update to repair .

Manage Flights

Author	
Use case name	Show Flights
Actor	Admin
Description	When admin wants to follow menu
Requirements	Admin provides News Content
Pre-conditions	Actor is logged in admin
Post-conditions	Success: News is updated in the website
	Fail: admin can't update

	Actor's actions:	System's responses:
Basic flow	1. Actor clicks 'Manage Flights' button.	2. System displays a form with the following fields: <ul style="list-style-type: none"> - image - code - name 's product - description - price - type

Order Management



Author	
Use case name	Check status 's cart
Actor	Admin
Description	When admin wants to Check status 's cart

Requirements	Admin provides News Content	
Pre-conditions	Actor is logged in admin	
Post-conditions	Success: product is delete in the website	
	Fail: product is not delete from the website	
Basic flow	Actor's actions:	System's responses:
	1. Actor clicks 'Order Management' button.	2. System displays list of cart . 3. System displays a form with the following fields: - Code order - Code Customer - Date - Price - Status - Action 4. Klik ' show ' button to see more.

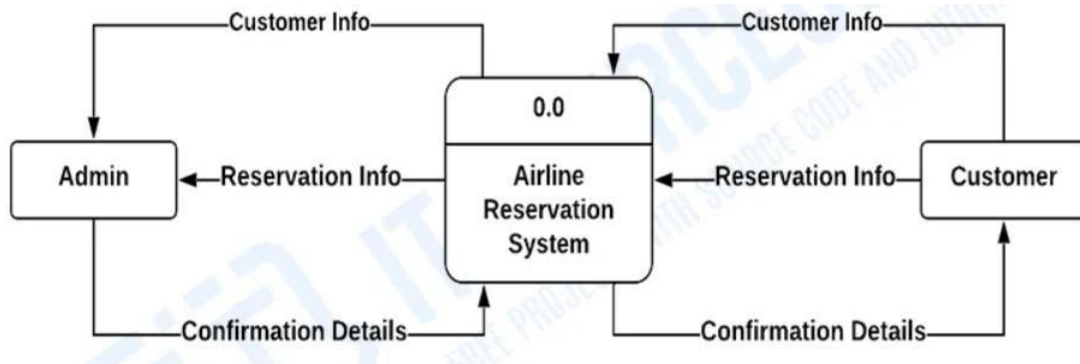
Employee management

Author	
Use case name	Empoyee manager
Actor	Admin
Description	When admin wants to position adjustment
Requirements	Admin has at least 2 employee

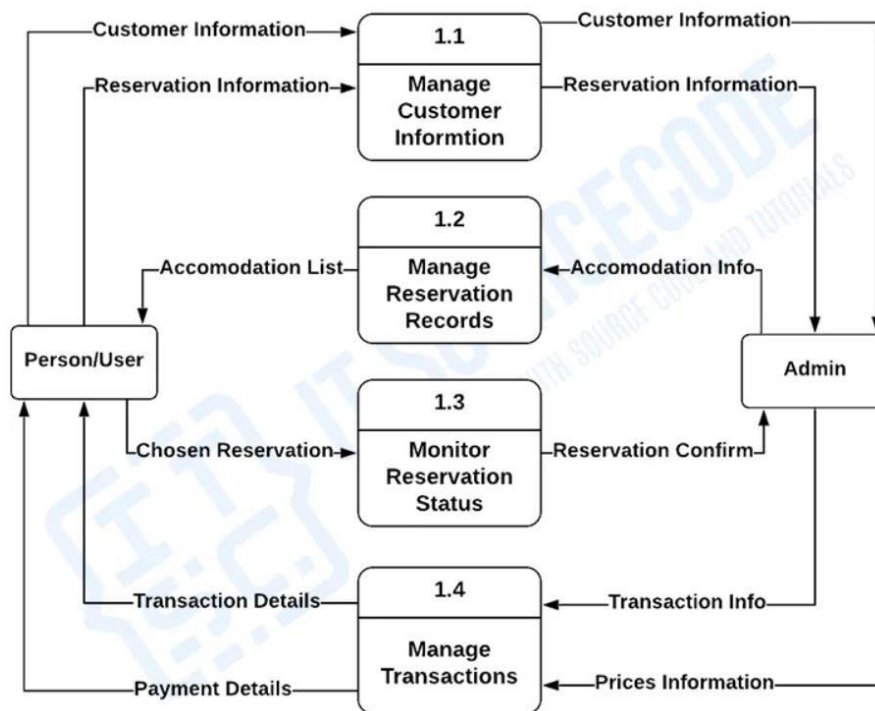
Pre-conditions	Actor is logged in admin	
Post-conditions	Success : employee is shown in the website	
	Fail: Page cannot see from the website	
Basic flow	Actor's actions:	System's responses:
	1. Actor chooses 'Employee Manager' on menu.	2. System show Employee in the website. 3. System displays a form: <ul style="list-style-type: none"> - avatar - id employee -fullname -empaccount - email - phone - Position - Action 4.Clik 'Edit-icon' on action colum to update position 's employee

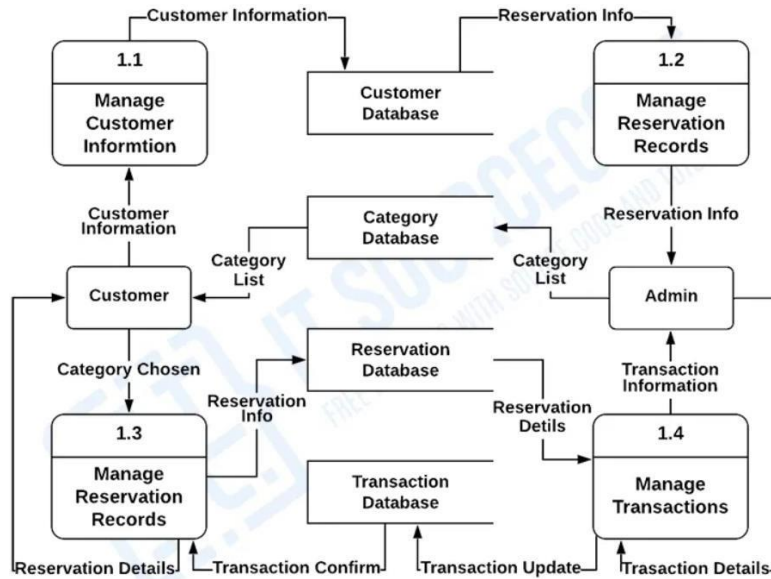
2. DATA FLOW DIAGRAM (DFD)

LEVEL 0



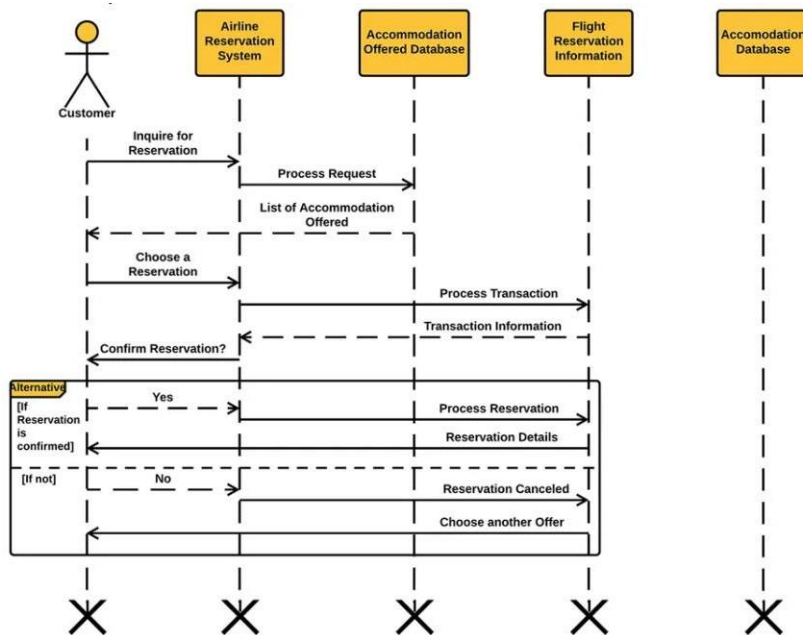
LEVEL 1



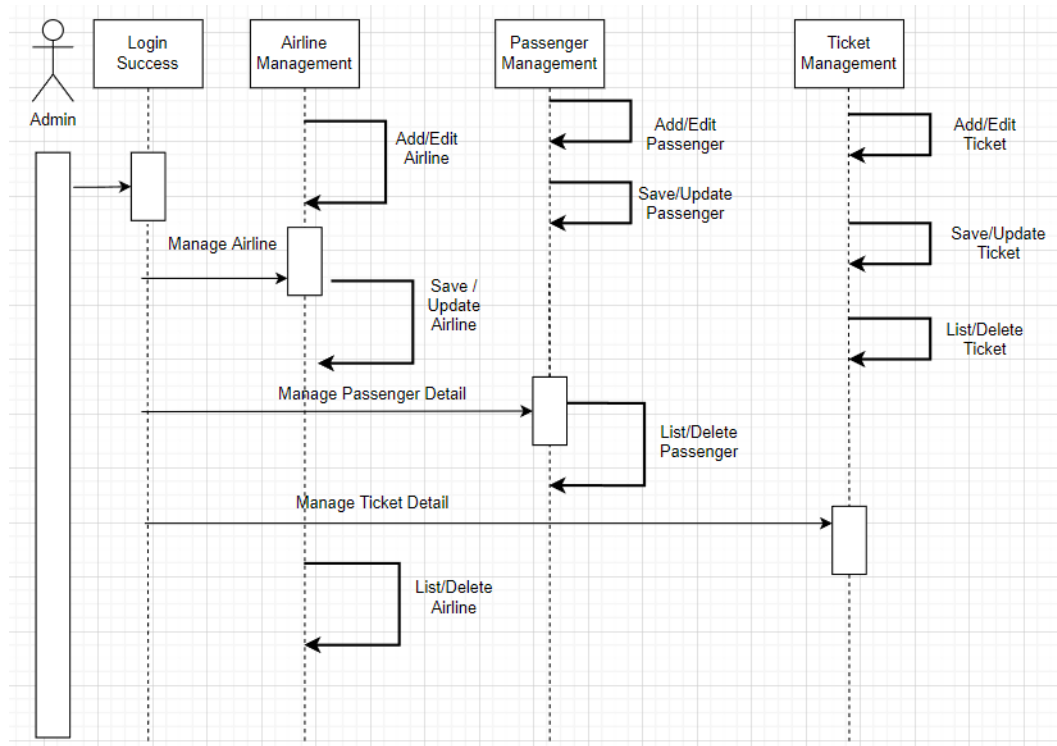


SEQUENCE DIAGRAM FOR AIRLINE RESERVATION SYSTEM DESIGN

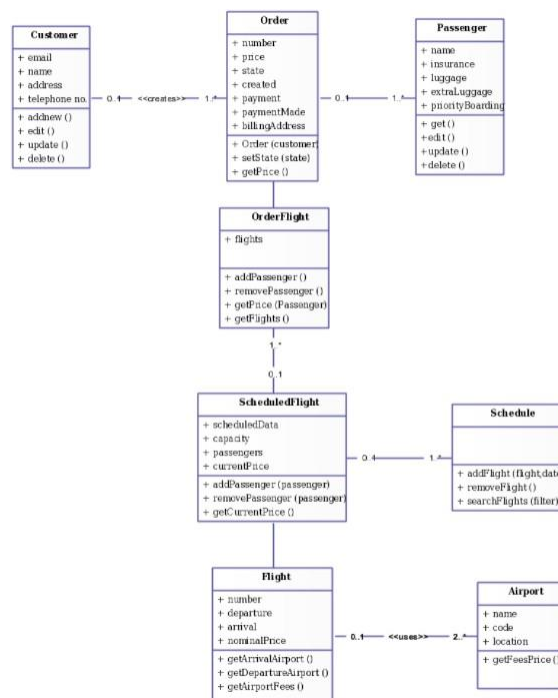
- CUSTOMER:**



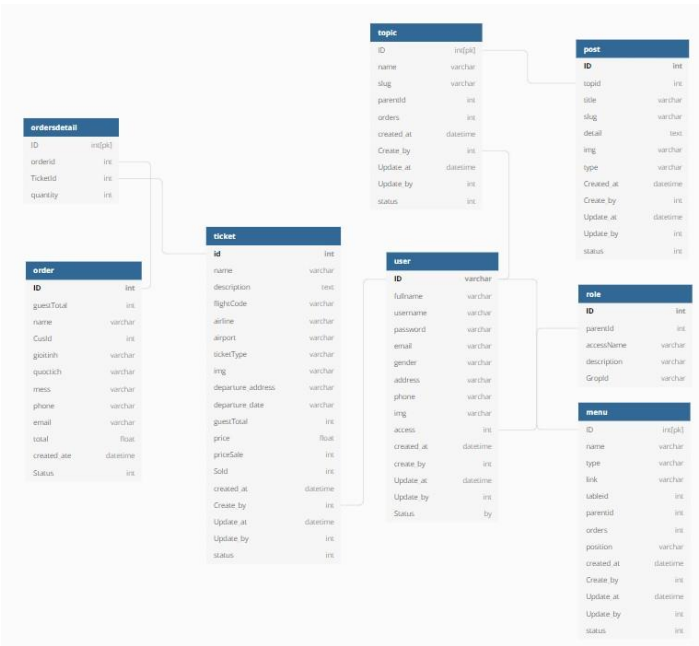
- **ADMIN:**



CLASS DIAGRAM

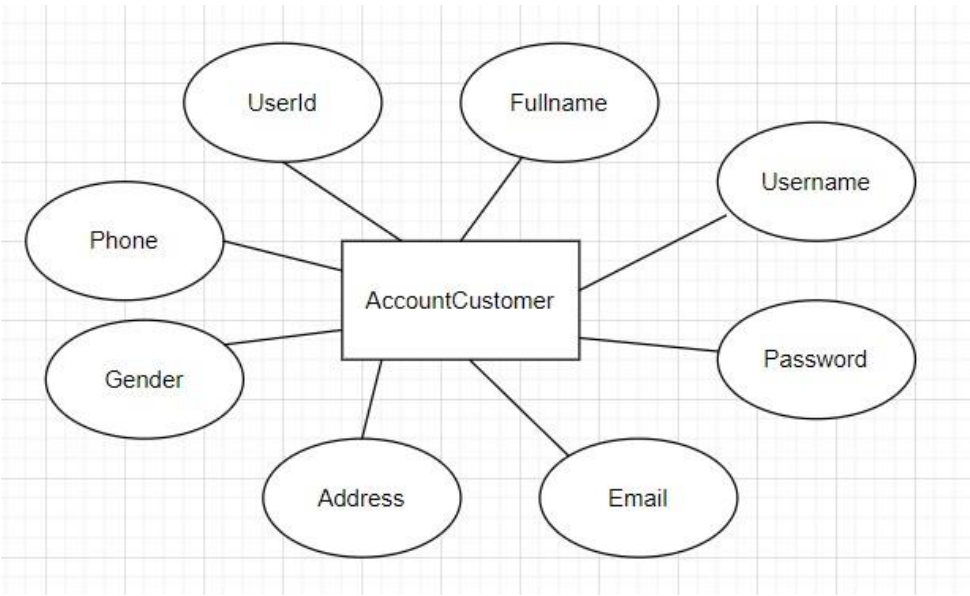


ENTITY RELATIONSHIP DIAGRAM (ERD)

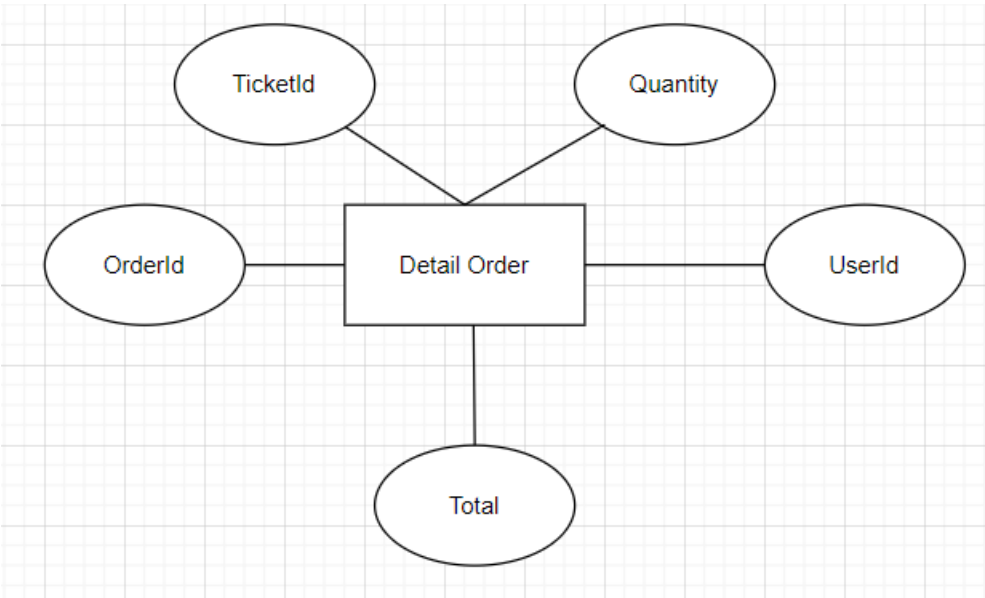


ENTITY PROPERTIES

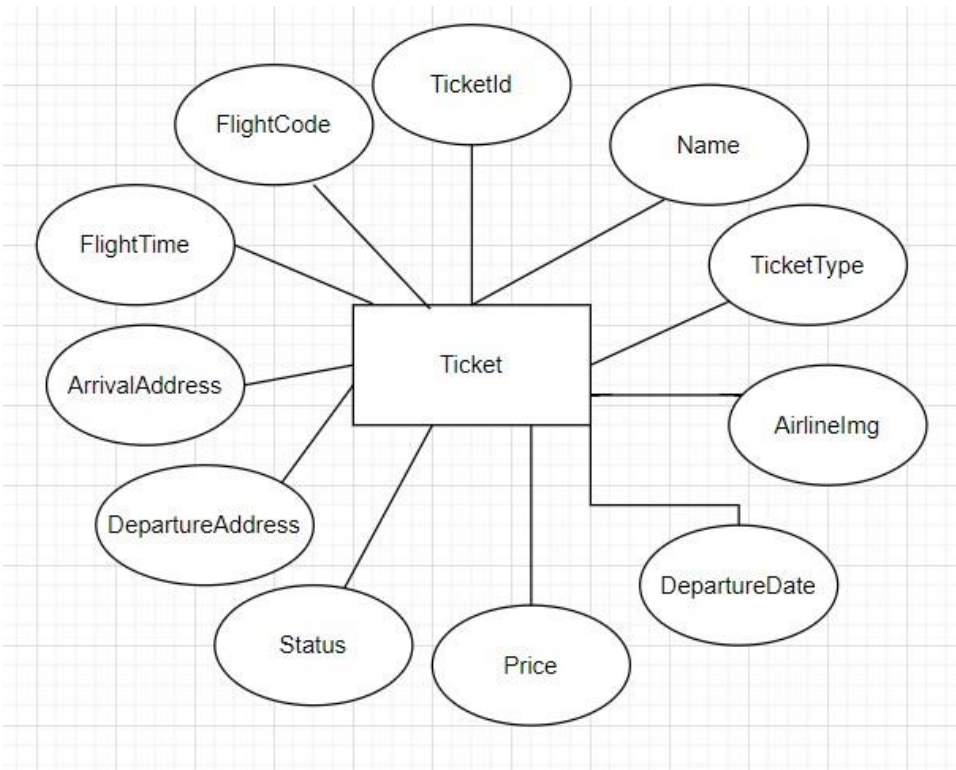
CUSTOMER



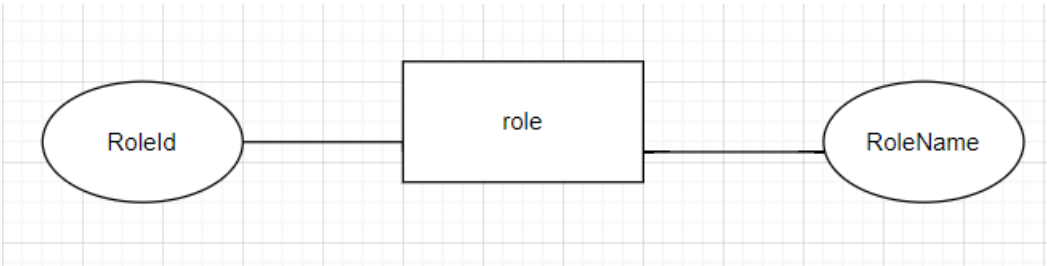
DETAIL_ORDER



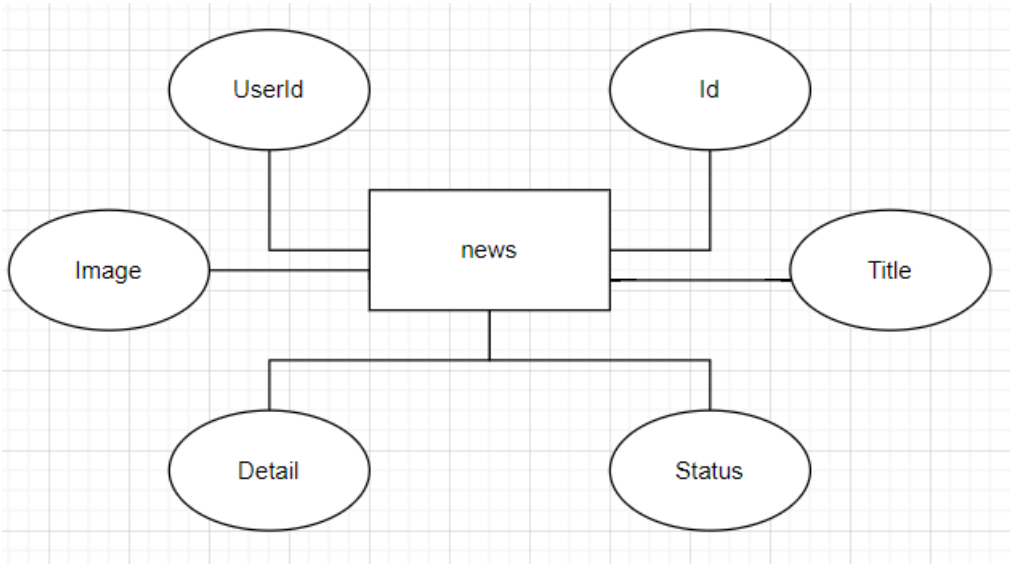
TICKET



ROLE



NEWS



3. TABLE DESIGN

Ticket

Table: Ticket				
No.	Column Name	Data Type	Constraint	Description
1	TicketId	VARCHAR(225)	NOT NULL PRIMARY KEY	Store the ID
2	Name	VARCHAR(225)	NOT NULL	Store the Name
3	TicketType	VARCHAR(225)	NOT NULL	Store the TicketType

4	AirlineImg	VARCHAR(225)	NOT NULL	Store the AirlineImg
5	DepartureDate	VARCHAR(225)	NOT NULL	Store DepartureDate
6	Price	float	NOT NULL	Store the Price
7	Status	int	NOT NULL	Store Status
8	DepartureAddress	VARCHAR(225)	NOT NULL	Store DepartureAddress
9	ArrivalAddress	VARCHAR(225)	NOT NULL	Store ArrivalAddress
10	FlightTime	int	NOT NULL	Store FlightTime
11	FlightCode	VARCHAR(225)	NOT NULL	Store FlightCode
12	Create_at	VARCHAR(225)	NOT NULL	Store Create_at
13	Create_by	VARCHAR(225)	NOT NULL	Store Create_by
14	Update_at	VARCHAR(225)	NOT NULL	Store Update_at
15	Update_by	VARCHAR(225)	NOT NULL	Store Update_by
16	UserId	VARCHAR(225)	NOT NULL	Store UserId

account

Table: employee				
No.	Column Name	Data Type	Constraint	Description
1	UserId	varchar(255)	NOT NULL <u>PRIMARY KEY</u>	Store the ID.
2	Fullname	varchar(255)	NOT NULL	Store the Fullname
3	Username	varchar(255)	NOT NULL	Store the Username

4	Password	varchar(255)	NOT NULL	Stores the Password
5	Email	varchar(255)	NOT NULL	Stores the Email
6	Address	varchar	NOT NULL	Stores the Address
7	Phone	varchar	NOT NULL	Stores the phone
8	Gender	varchar(255)	NOT NULL	Stores gender
9	Image	varchar(255)	NOT NULL	Stores Image
10	Role	int	NOT NULL	Store Role
11	Create_at	varchar(255)	NOT NULL	Store Create_at
12	Create_by	varchar(255)	NOT NULL	Store Create_by
13	Update_at	varchar(255)	NOT NULL	Store Update_at
14	Update_by	varchar(255)	NOT NULL	Store Update_by
15	Status	int	NOT NULL	Store Status
16	Passport	varchar(255)	NOT NULL	Store Passport
17	Birthday	varchar(255)	NOT NULL	Store Birthday

post

Table: post				
No.	Column Name	Data Type	Constraint	Description
1	Id	Int	NOT NULL PRIMARY KEY	Store the ID

2	Title	varchar(255)	NOT NULL FOREIGN KEY	Store the title
3	Create_at	varchar(255)	NOT NULL	Store the Create_at
4	Create_by	varchar(255)	NOT NULL	Store the Create_by
5	Update_at	varchar(255)	NOT NULL	Store the Update_at
6	Update_by	varchar(255)	NOT NULL	Store the Update_by
7	Status	varchar(255)	NOT NULL	Store the status
8	Detail	text	NOT NULL	Store the Detail
9	Image	nvarchar(255)	NOT NULL	Store the Image
10	UserId	varchar	NOT NULL	Store the UserId

order

Table: order				
No.	Column Name	Data Type	Constraint	Description
1	OrderId	Int	NOT NULL PRIMARY KEY	Store the ID
2	TicketId	Varchar	NOT NULL	Store the
3	Quantity	int	NOT NULL	Store the quantity
4	UserId	varchar	NOT NULL	Store price of UserId
5	Total	float	NOT NULL	Store price total

role

Table: role				
No.	Column Name	Data Type	Constraint	Description
1	RoleId	Int	NOT NULL PRIMARY KEY	Store the ID of the role
2	RoleName	varchar	NOT NULL	Store the name of role.

4.TASK SHEET REVIEW 2

Project Ref. No.:		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
Sr./No.	Task			Actual Start Date	Actual Days	Team member name	Status
1	Use Case	Organic Product Store	All team	2-Dec-21	3	Tùng	Completed
2	Data Flow Diagram (DFD)			3-Dec-21	2	Hùng	Completed
3	Entity Relationship Diagram (ERD)			4-Dec-21	3	Nhân	Completed
4	Entity Properties			5-Dec-21	2	Long	Completed
5	Table Design			6-Dec-21	1	Hùng	Completed
6	Class Diagram			7-Dec	1	Tùng	Completed
7	Sequence Diagram			7-Dec-21	1	Nhân	Completed

Date: 8 Dec 2021

Signature of Instructor:

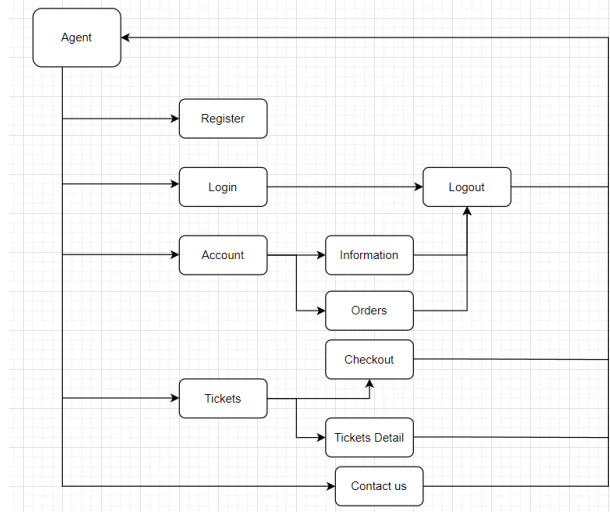
Mr. Hoang Duc Quang

Signature of Team Leader:

Nguyễn Văn Nhân

REVIEW 3

CUSTOMER 'S SITE



Customer's HomePAGE

Mail: example@gmail.com
Sign In
Register

HOME
PROMOTION INFORMATION
CONTACT
INTERNATIONAL TICKET
DOMESTIC TICKET
FLIGHT

SEARCH FLIGHT

Hanoi, Da Nang, Ho Chi Minh City, Quy Nhon, Da Lat, Phu Quoc, the price is only from 899,000 VND.

☒ One Way
 ☐ Two Way

TP HCM
TP HCM
Adult(01)
Children(0)
Senior citize

Start Date
Return Day

Search Flight

✈ Flights of the day: 18-12-2021


View All

Airline	From	To	Start Time	End Time	Class	Detail	Price
	TP HCM Airport (TP HCM)	HN Airport (HN)	17:41:00	16:41:00	Promotion	Detail	44 \$ (Currency - \$)

No	Name	Type	Validation	Event	Description
1	Promotion information	Link		Click	Go to flight sales off page.
2	Sign in/Register	Button		Click	Log in to existing account or register new account.
4	Contact	Link		Click	Go to contact us.
5	Logo	Link		Click	Go to homepage.
6	Navigation bar (News)	Link		Click	Go to news page.
7	Navigation bar (About us)	Link		Click	Go to about us page.
8	Hotline (phone and email)	Text		Click	Show phone of website and go to send email.
11	International/Domestic Tickets	Button		Click	Show information Flight in/outbound
13	Footer (information)	Link		Click	Go to information for Organic store company.
14	Footer (flight information)	Link		Click	Go to Question and Answer page, Privacy page, Term of use page.

Register page

Mail: example@gmail.com
[Sign In](#)
[Register](#)


[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

Username

Fullname

Email


Phone

Address

Password

Re-Enter Password

Register




No.	Name	Type	Validation	Event	Description
1	Username	Null	Not null, not number		Customer's name
2	Fullname	Null	Not null, not number		Customer's Full'sname
3	Email	Null	Not null, not number		Customer's Emali
4	Phone	Null	Not null, must be phone number		Customer 's Phone
5	Address	Null	Not null, must be email (have .com and @)		Customer's address
6	Password	Null	Not null		Customer's password

7	Re-Enter Password	Null	Not null		Customer's password
8	Register	Button		Click	Link to index page

Login Form

Mail: example@gmail.com
[Sign In](#)
[Register](#)



[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

Login Now

USERNAME

PASSWORD

☐ Remember Me




IATA is successful in Dutch slot rule case

IATA has succeeded in legal action in the Netherlands to prevent the application of a new Policy Rule for slot allocation.

No.	Name	Type	Validation	Event	Description
1	Username	Null	Not null, not number		Customer's name
2	Password	Null	Not null, not number		Customer's password
3	Login	Button		Click	Link to index page

Account Page



HOME PROMOTION INFORMATION CONTACT INTERNATIONAL TICKET DOMESTIC TICKET FLIGHT

Account Information

User Name

aptech

Fullname

Huỳnh Trần Thế Hùng

Address

Phone

Email

huynhthung728@gmail.com

Old Password

New Password

Re-Enter New Password


Update

Ticket Code	Passenger	Booking Date	Detail	Total
-------------	-----------	--------------	--------	-------

View All Flights





Mail: example@gmail.com

Sign In



HOME PROMOTION INFORMATION CONTACT INTERNATIONAL TICKET DOMESTIC TICKET FLIGHT

Page 1 / 2

Airline	From	To	Detail	Price
	TP.Hồ Chí Minh (SGN) Airport (TP.Hồ Chí Minh (SGN))	Quy Nhon (UIH) Airport (Quy Nhon (UIH))	Detail	11 \$ (Currency - \$)
	TP.Hồ Chí Minh (SGN) Airport (TP.Hồ Chí Minh (SGN))	Quy Nhon (UIH) Airport (Quy Nhon (UIH))	Detail	888 \$ (Currency - \$)
	TP.Hồ Chí Minh (SGN) Airport (TP.Hồ Chí Minh (SGN))	Quy Nhon (UIH) Airport (Quy Nhon (UIH))	Detail	11 \$ (Currency - \$)
	TP.Hồ Chí Minh (SGN) Airport (TP.Hồ Chí Minh (SGN))	Quy Nhon (UIH) Airport (Quy Nhon (UIH))	Detail	111 \$ (Currency - \$)

<<

<


1

2

>

>>

Contact Page

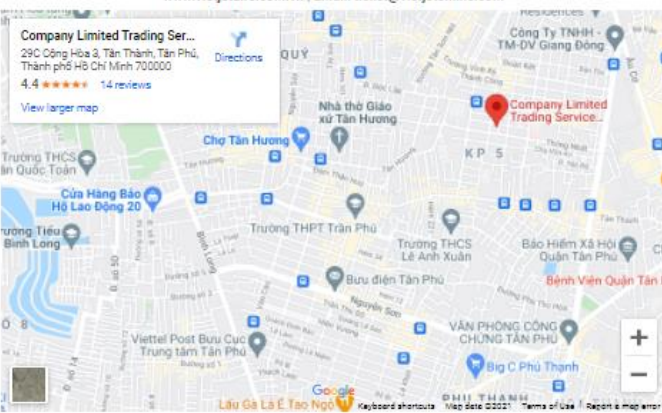


[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

Contact Us


CHEAP VIETJET AIR AIR TICKETS

Copyright © 2011 HKTravel Service Trading Co.,LTD - Business registration 0311380474
Add 1: 29C Cong Hoa 3, Tan Phu District, HCMC - Add 2: 246/9B23 Xo Viet Nghe Tinh, Binh Thanh District, HCMC
www.vietjetairs.com.vn | Email: ticket@vietjetonline.com



Company Limited Trading Ser...
29C Công Hòa 3, Tân Thành, Tân Phú,
Thành phố Hồ Chí Minh 700000
4.4 ★★★★★ 14 reviews
[View larger map](#)

VietjetAir Booking Office
Add 2: 246/9B23 Xo Viet Nghe Tinh Str, Binh Thanh Dist, Ho Chi Minh City, Vietnam



Vietjetairs.com.vn
246/9B23 Xo Viet Nghe Tinh, Phường
21, Bình Thành, Thành phố Hồ Chí
Minh 700000
[View larger map](#)

What do you want to search...


News category

- International Tickets
- Domestic Tickets
- Promotion Information
- Contact

Detail Page


Mail: example@gmail.com

[Sign In](#)
[Register](#)




[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

Ticket details: TP.Hồ Chí Minh (SGN) -> Quy Nhơn (UIH)

Airline	
Price	200 \$
Start Date	12-12-2021
Departure Time	16:41:00
Arrive Time	15:43:00
From	TP.Hồ Chí Minh (SGN)
To	Quy Nhơn (UIH)
Airport	Tân Sơn Nhất
Empty seat	53 Seat

Payment Page

Mail: example@gmail.com
Xin Chào: Huỳnh Trần Thế Hùng
[Account](#)
[Sign Out](#)


[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

One Way

Total	23 \$	Total: 23 \$
Departure Date	12/19/2021 12:00:00 AM	
From	TP.Hồ Chí Minh (SGN)	
To	Quy Nhơn (UIH)	

Amount:

1

Passenger:

Your Name:

Email:

Phone:

Gender:

National:


Message:

Your message to us


☒ Pay when Checkin at the airport
☐ Pay-when-by-bank (Not Support Now)

[Next](#)

News


[HOME](#)
[PROMOTION INFORMATION](#)
[CONTACT](#)
[INTERNATIONAL TICKET](#)
[DOMESTIC TICKET](#)
[FLIGHT](#)

[Home](#)
[Page](#)
[News](#)
[tin-khuyen-mai](#)




Buy tickets and get Vouchers - buy 1 get 2 with Vietnam Airlines

12/22/2021 11:10:00 AM

Buy tickets and get Vouchers - buy 1 get 2 with Vietnam Airlines

[Read More](#)




Booming Bamboo Airways Buy 01 Get 01 Free

12/22/2021 11:08:00 AM

Booming Bamboo Airways Buy 01 Get 01 Free

[Read More](#)




Only 10 days left to book VietJet Air tickets and receive a free checked baggage gift

12/22/2021 11:06:00 AM

Only 10 days left to book VietJet Air tickets and receive a free checked baggage gift

[Read More](#)



Buy 1 get 1 free - why not lock to fly with Bamboo Airways

12/22/2021 11:04:00 AM

Buy 1 get 1 free - why not lock to fly with Bamboo Airways

[Read More](#)

« 1 2 3 4 5 » »

Search

What do you want to search...

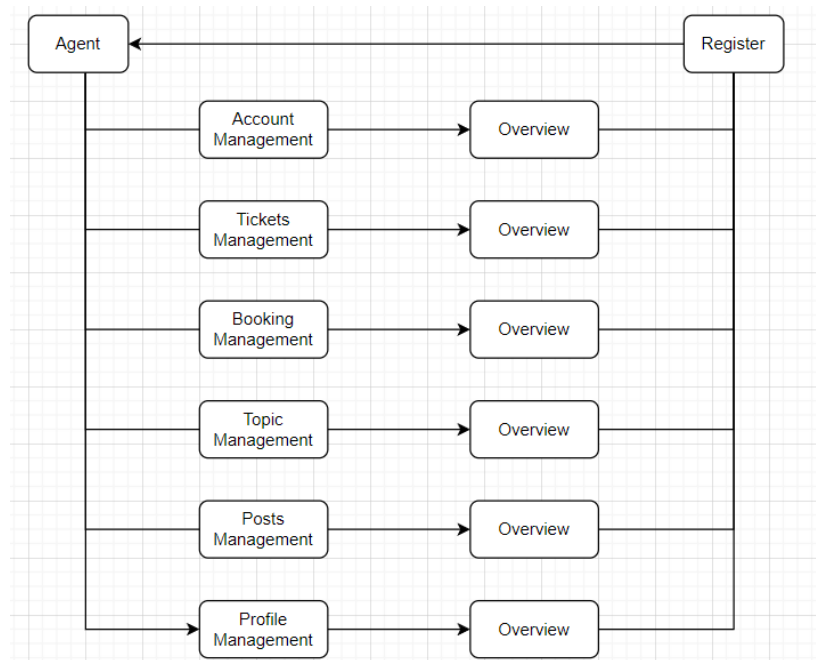
[Search](#)

News category

[International Tickets](#)
[Domestic Tickets](#)
[Promotion Information](#)
[Contact](#)



ADMIN'S SITE



Admin

You must first login before entering the site

Login

admin

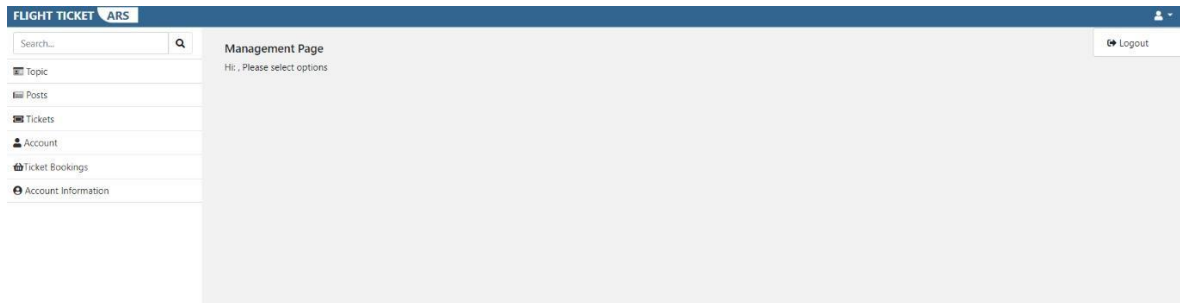
☐ Remember

Login

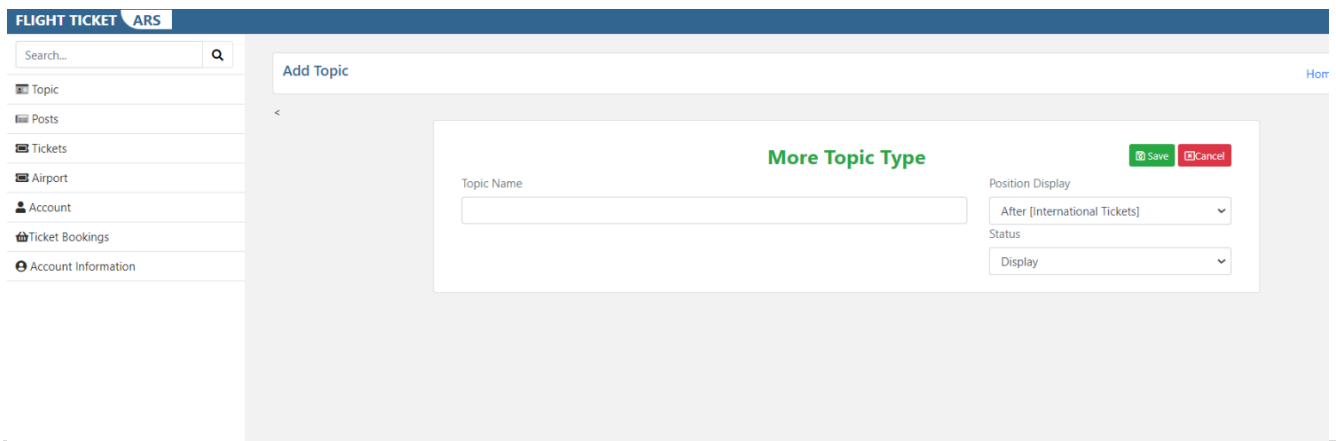
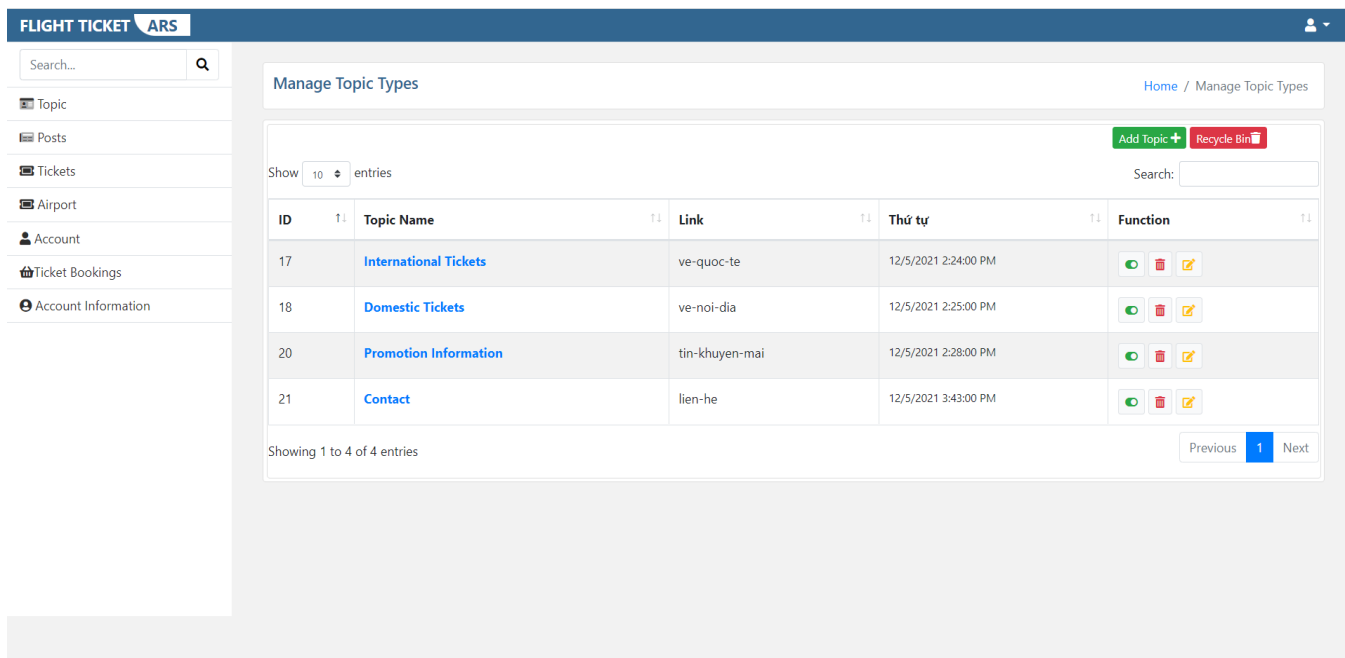
No	Name	Validation	Event	Description
1	username	Not null, force matches in the database.		Admin's account name.
2	password	Not null, force matches in the database.		Admin's password.

3	Login		Click	Link to admin's page.
---	-------	--	-------	-----------------------

HomePage



Manage Topic



Manage Posts

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information































Manage Posts

Home / Manage Posts

Add Post Recycle Bin

Show 10 entries

Search:

ID	Article Title	Post Type	Created Date	Function
18	Vietjet offers 2 000 000 tickets for 0 VND for Spr ...	20	12/22/2021 7:52:00 AM	  
19	Promotional airfare 0 VND summer 2022	20	12/22/2021 7:54:00 AM	  
20	Vietjet offers 0 VND promotion at 12 noon – Open a ...	20	12/22/2021 7:57:00 AM	  
21	Cheap flights from Vietjet to Da Lat	18	12/22/2021 7:59:00 AM	  
22	Cheap flights from Vietjet to Chu Lai	18	12/22/2021 8:01:00 AM	  
23	Cheap flights from Vietjet to Hanoi	18	12/22/2021 8:03:00 AM	  
24	Flight tickets to Siem Reap	17	12/22/2021 8:07:00 AM	  
25	Cheap flights to Australia	17	12/22/2021 8:10:00 AM	  
26	Cheap flights from Vietjet to Singapore	17	12/22/2021 8:12:00 AM	  
27	Flight tickets to Singapore - Hong Kong are popula ...	17	12/22/2021 8:18:00 AM	  

Showing 1 to 10 of 62 entries

Previous 1 2 3 4 5 6 7 Next

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Add Posts

Home / Add Posts

Add Posts

Save Cancel

Post Title

Select the type of Post Type

International Tickets














Image Posts

Chon tệp Không có tệp nào được chọn

Status

Publishing

Content

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Manage Posts

Home / Update Posts

Update Posts

Save Cancel

Post Title

5 super attractive dishes of the culinary paradise of Prague – Enjoy now

Content

B

U

Segoe UI

Prague (Czech Republic) is famous as an ancient European city, beautiful with a lot of impressive scenery. However, did you know that this place also attracts visitors by the food paradise countless delicious and unique dishes. If you have the opportunity to visit Prague, you should definitely not miss the interesting food below.

1. Beer

At the top of this list is beer, a drink that seems all too familiar to anyone. However, beer in Prague has a very unique appeal, which is an important part of Czech culture and cuisine. However, if you visit any bar or restaurant in Prague, you will find that on their menu there is never a shortage of beer drinks. For only about \$2, you'll enjoy a giant beer that tastes like it's the world's first class.

In Prague, the most popular beer is called Pivo, a traditional Czech beer. Although there are many other emerging beers today, Pivo still holds an important and popular place in the city.

Select the type of Post Type

International Tickets

Image Posts

Choose File No file chosen

Status

Publishing

Manage Tickets

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Ticket Management

Home

Add Tickets

Recycle Bin

Show 10 entries

Search:

Airline	T1	From	T1	To	T1	Start Date	T1	Price	T1	Remaining Seats	T1	Function	T1	Id	T1
		TP HCM		HN		18/12/2021		44 \$		Total 44 - Booked 0				1	

Showing 1 to 1 of 1 entries

Previous

Next

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Add Tickets

Home

Add Tickets

Save Cancel

Ticket Title

Ticket Description

From

TP HCM

To

TP HCM

Flight Code

Amount Seats > 50

Class

Promotion

Amount Seats

Amount Seats > 50

Start Date

dd/mm/yyyy

Start Time

--:--:--

Arrive Time

--:--:--

Airline

Chon tep Không có tệp nào được chọn

Price

30\$ <= Price <= 3000\$

Status

Display

Manage Account

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Account

Ticket Bookings

Account Information

All User

Home / All User

Add User

Recycle Bin

Show 10 entries

Search:

Fullname	Account	Email	Account Type	Created Date	Function	ID
Huỳnh Trần Thế Hùng	aptech	huynhthung728@gmail.com	Customer	11/12/2021 11:19 PM	<div><div></div><div></div><div></div></div>	11
nguyen công 2	salesman	abc@gmail.com	Manager	05/05/2021 12:00 AM	<div><div></div><div></div><div></div></div>	5
Nguyen Van Hunga	admin	vanhung3339@gmail.com	Manager	05/05/2021 12:00 AM	<div><div></div><div></div><div></div></div>	1
Nguyễn văn Hung	khachhang4	abc@gmail.com	Customer	05/06/2021 08:01 PM	<div><div></div><div></div><div></div></div>	8

Showing 1 to 4 of 4 entries

Previous

1

Next

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Add User

Home / Add User

Add User

Save

Cancel

Passenger

Fullname

Account

Email

Phone

Example@gmail.com

0940...

Password

Enter the password

Enter the password

Gender

Male

Status

Active

Decentralization

ADMIN

FLIGHT TICKET ARS

Search...

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Edit User

Home / Edit User

EDIT USER

Save

Cancel

Passenger

Account

Email

Phone

Gender

Male

Status

Active

Delegation of Powers

ADMIN

Manage Ticket Bookings

FLIGHT TICKET ARS

Search...

Q

Topic

Posts

Tickets

Airport

Account

Ticket Bookings

Account Information

Manage Ticketing Orders

Home / Manage Ticketing Orders

Recycle Bin

Passenger	Email	Create Date	Status	Function	ID
Huỳnh Trần Thế Hùng	huynhthung728@gmail.com	12/18/2021 11:48:00 PM		Confirmed	<div> <div></div> <div></div> <div></div> </div> 1

Edit Profile

FLIGHT TICKET ARS

Search...

Q

Topic

Posts

Tickets

Account

Ticket Bookings

Account Information

Edit Info

Edit User

Save Cancel

FullName

Nguyen Van Hunga

Account

admin

Email

vanhung3339@gmail.com

Phone

0975271384

Gender

Male

Status

Active

Delegation of Powers

ADMIN

TASK SHEET REVIEW 3

Project Ref. No.:		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
Sr./No.	Task			Actual Start Date	Actual Days	Team member name	Status
1	Admin page	Airline Reservation System	All team	11-Dec-21	28	Hùng	Completed
2	Home page			11- Dec -21	28	Hùng	Completed
3	Search Flight			12- Dec -21	29	Nhân	Completed
4	Promotion page			12- Dec -21	29	Tùng	Completed

