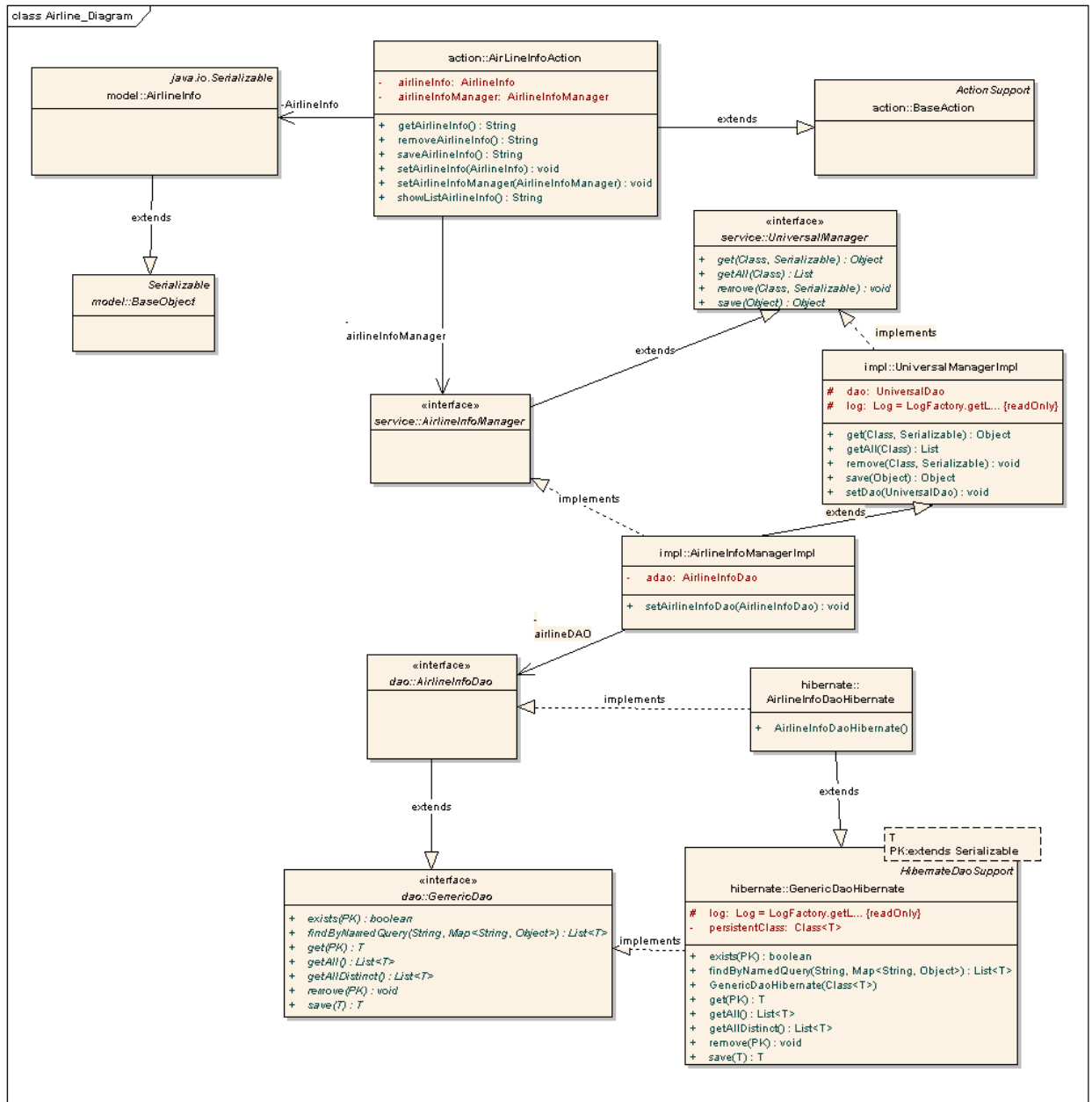


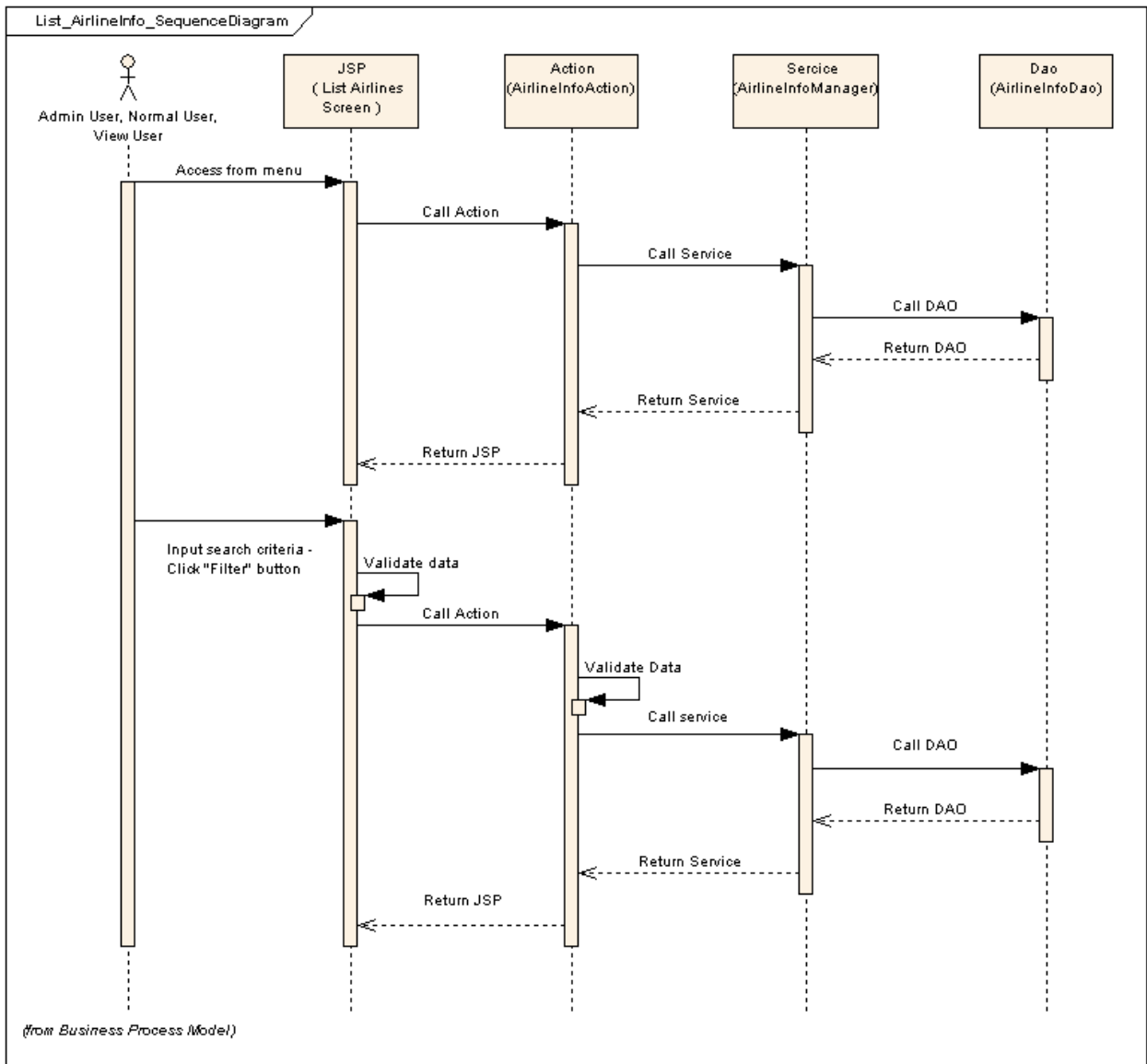
1. Airlines Information Maintenance

1.1. Class diagram

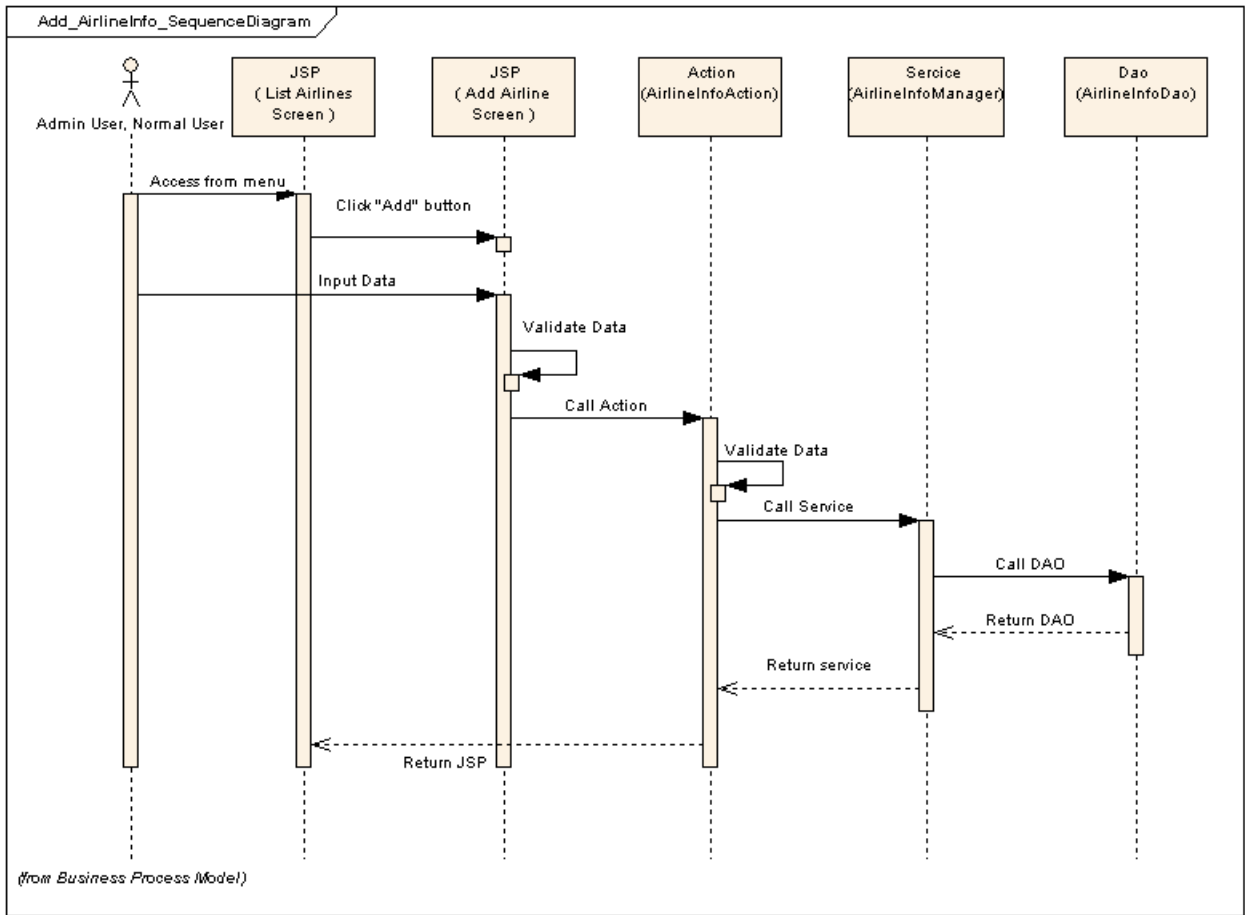


1.2. Sequence Diagram

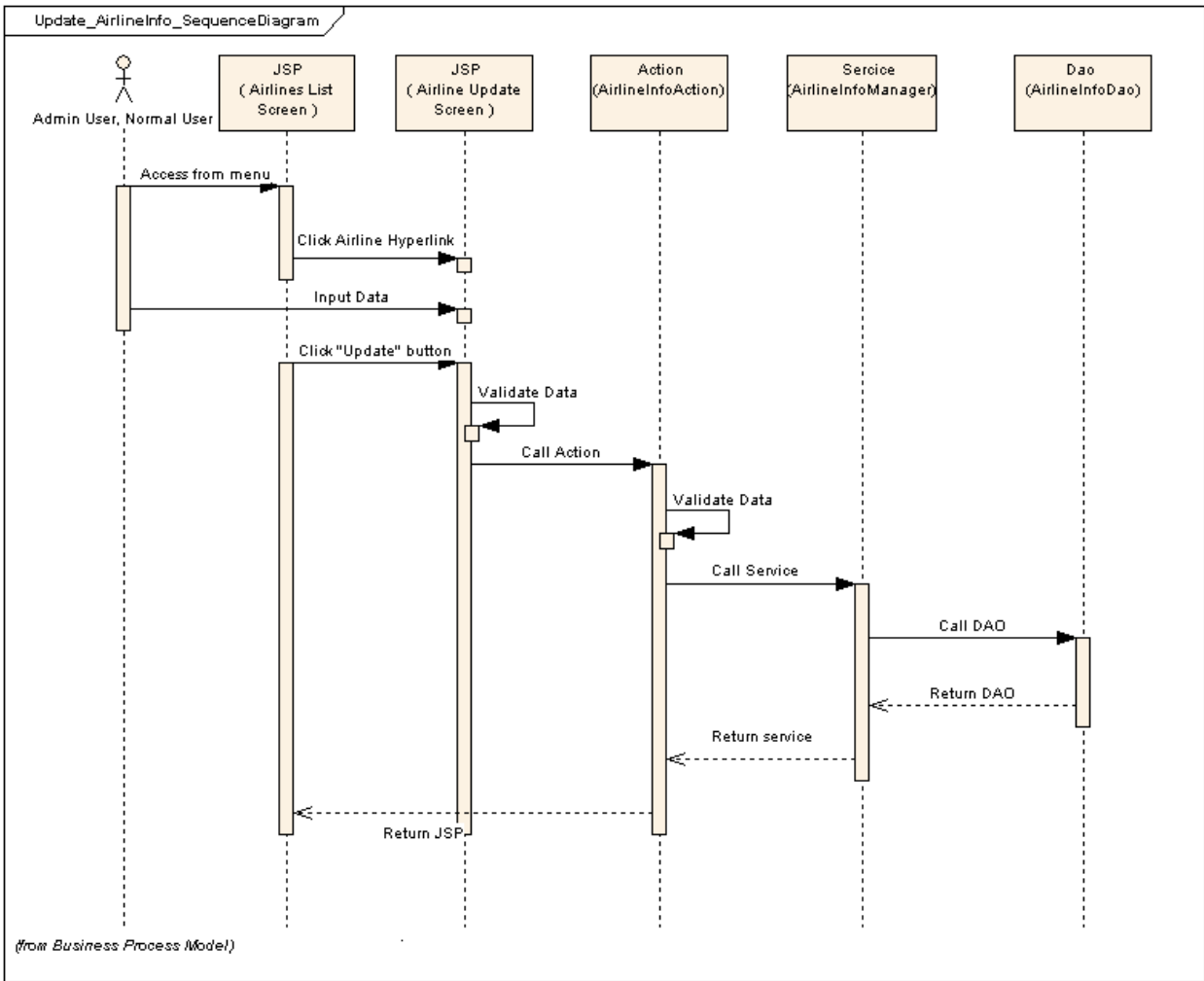
1.2.1. List Airlines Information



1.2.2. Add Airline



1.2.3. Update Airline



1.3. Screen

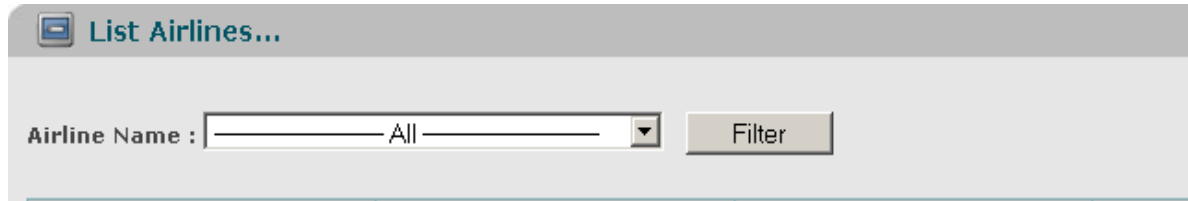
1.3.1. List screen

1.3.1.1. Main flow

Screen	Airlines Information Maintenance – List
Description	Display all airlines information.
Screen Access	Users click on menu Configuration -> Airlines Information Maintenance or choose criteria and click the filter button

1.3.1.2. User interface

- Filter section



- List data section

Airline Code	Airline Name	Wholesaler PCC	Contact Number	Email
Airline Code 1	Airline Name 1	Wholesaler PCC 1	002145254	email1@abacus.com.sg
Airline Code 2	Airline Name 2	Wholesaler PCC 2	002145254	email2@abacus.com.sg
Airline Code 3	Airline Name 3	Wholesaler PCC 3	002145254	email3@abacus.com.sg
Airline Code 4	Airline Name 4	Wholesaler PCC 4	002145254	email4@abacus.com.sg
Airline Code 5	Airline Name 5	Wholesaler PCC 5	002145254	email5@abacus.com.sg
Airline Code 6	Airline Name 6	Wholesaler PCC 6	002145254	email6@abacus.com.sg
Airline Code 7	Airline Name 7	Wholesaler PCC 7	002145254	email7@abacus.com.sg
Airline Code 8	Airline Name 8	Wholesaler PCC 8	002145254	email8@abacus.com.sg
Airline Code 9	Airline Name 9	Wholesaler PCC 9	002145254	email9@abacus.com.sg
Airline Code 10	Airline Name 10	Wholesaler PCC 10	002145254	email10@abacus.com.sg
Airline Code 11	Airline Name 11	Wholesaler PCC 11	002145254	email11@abacus.com.sg
Airline Code 12	Airline Name 12	Wholesaler PCC 12	002145254	email12@abacus.com.sg
Airline Code 13	Airline Name 13	Wholesaler PCC 13	002145254	email13@abacus.com.sg

Add

1.3.1.3. Validation Rule/Data mapping

Field	Type	Description
Airline Name	Dropdo wn list	<ul style="list-style-type: none"> Airline Name – Airline Code Value default is 'All' Display both name and code but name first, value is code ordered by AIRLINE.NAME Mapping to field in DB: AIRLINE_INFO. AIRLINE_CODE
Filter	Button	<ul style="list-style-type: none"> List data in DB with Software High Level Design Document_Sample.doc criteria
Airline Code	Link	<ul style="list-style-type: none"> Airline code Only display as link if user is Administrator or Normal User

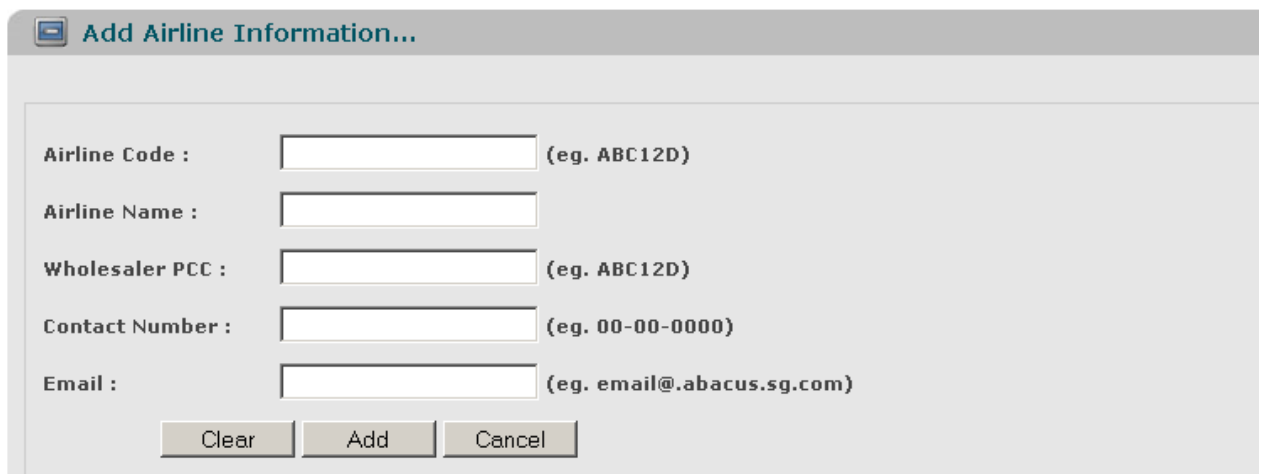
		<ul style="list-style-type: none"> • Mapping to field in DB: AIRLINE_INFO. AIRLINE_CODE
Airline Name	Label	<ul style="list-style-type: none"> • Name of Airline • Mapping to field in DB: AIRLINE_INFO. AIRLINE_NAME
Wholesaler PCC	Label	<ul style="list-style-type: none"> • An agent of Customer • Mapping to field in DB: AIRLINE_INFO. WHOLESALER_PCC
Contact Number	Label	<ul style="list-style-type: none"> • Contact number of airline • Mapping to field in DB: AIRLINE_INFO. CONTACT_NBR
Email	Label	<ul style="list-style-type: none"> • Email • Mapping to field in DB: AIRLINE_INFO. EMAIL
Add	Button	<ul style="list-style-type: none"> • Add button Only display if user is Administrator or Normal User • Go to the add screen

1.3.2. Add screen

1.3.2.1. Main flow

Screen	Airlines Information Maintenance – Add
Description	Allow Administrator and Normal User Account to add new airlines.
Screen Access	Users click on the button Add on list airline screen

1.3.2.2. User interface



The screenshot shows a web application window titled "Add Airline Information...". Inside the window, there is a form with five input fields, each with a label and a placeholder example:

- Airline Code :** [text input] (eg. ABC12D)
- Airline Name :** [text input]
- Wholesaler PCC :** [text input] (eg. ABC12D)
- Contact Number :** [text input] (eg. 00-00-0000)
- Email :** [text input] (eg. email@abacus.sg.com)

At the bottom of the form, there are three buttons: "Clear", "Add", and "Cancel".

1.3.2.3. Validation Rule/Data mapping

Field	Type	Description
Airline Code	Textbox	<ul style="list-style-type: none"> Airline Name – Airline Code Must be alpha numeric (5), is mandatory Insert to field in DB: AIRLINE_INFO. AIRLINE_CODE
Airline Name	Textbox	<ul style="list-style-type: none"> Name of Airline Must be String (45), is mandatory Insert into field in DB: AIRLINE_INFO. AIRLINE_NAME
Wholesaler PCC	Textbox	<ul style="list-style-type: none"> An agent of Customer Must be alpha numeric(5) Insert into field in DB: AIRLINE_INFO. WHOLESALER_PCC
Contact Number	Textbox	<ul style="list-style-type: none"> Contact number Must be number (15), is mandatory Insert into field in DB: AIRLINE_INFO. CONTACT_NBR
Email	Textbox	<ul style="list-style-type: none"> Email of airline Must be String (50) with email format eg.vietnv@gmail.com Insert into field in DB: AIRLINE_INFO. EMAIL
Clear	Button	<ul style="list-style-type: none"> Clear button Clear all inputted data
Add	Button	<ul style="list-style-type: none"> Add button Insert new record in database
Cancel	Button	<ul style="list-style-type: none"> Cancel button Cancel to add new and back to list screen

Design Database

	Field Name	Data Type	Null ?		Default	Description
	RefNbrDetailld	int				ID

	RefNbrId	int				ID số chứng từ
	LineNbr	int			((0))	Số dòng
	LineNbrRef	int			((0))	Số thứ tự dòng tham chiếu
	EntryTypeId	int				Mã bút toán
	RefNbr	nvarchar (50)	X			Số chứng từ
	RefNbrOrg	nvarchar (50)				Số chứng từ gốc
	Acc	nvarchar (50)				Tài khoản kế toán
	DeptCode	nvarchar (50)	X			Mã bộ phận