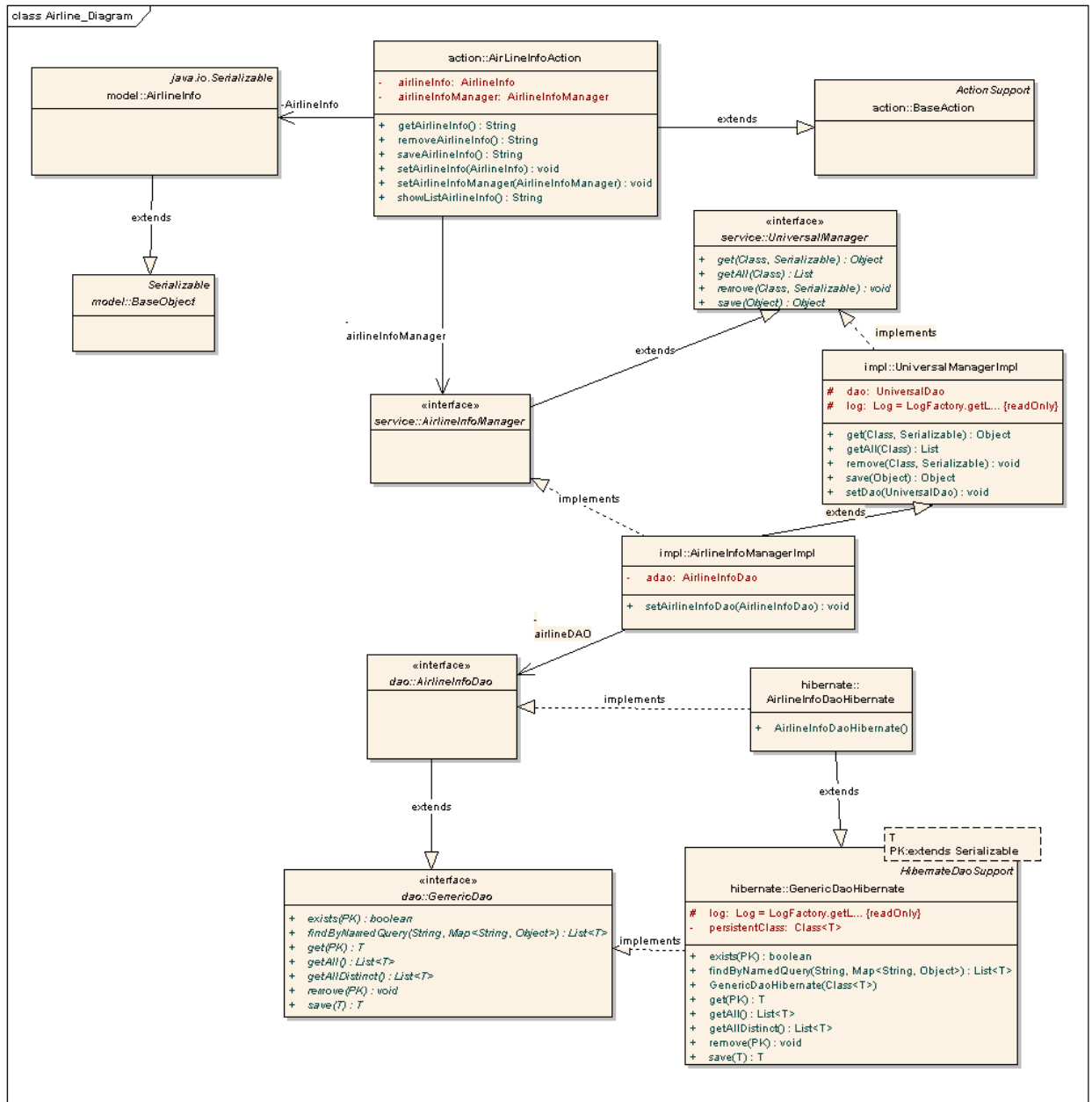# 1. Airlines Information Maintenance

1.1. Class diagram
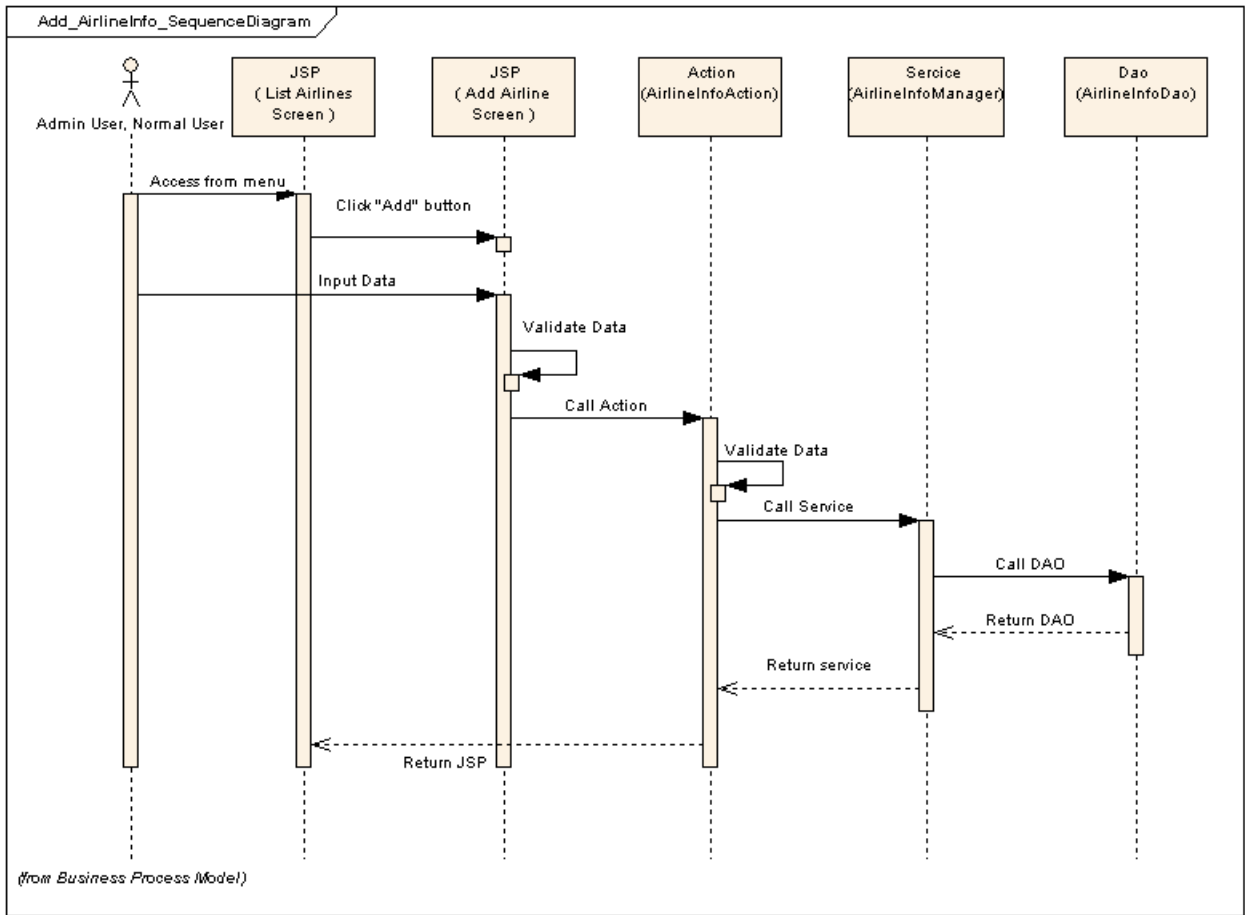
1.2.   Sequence Diagram
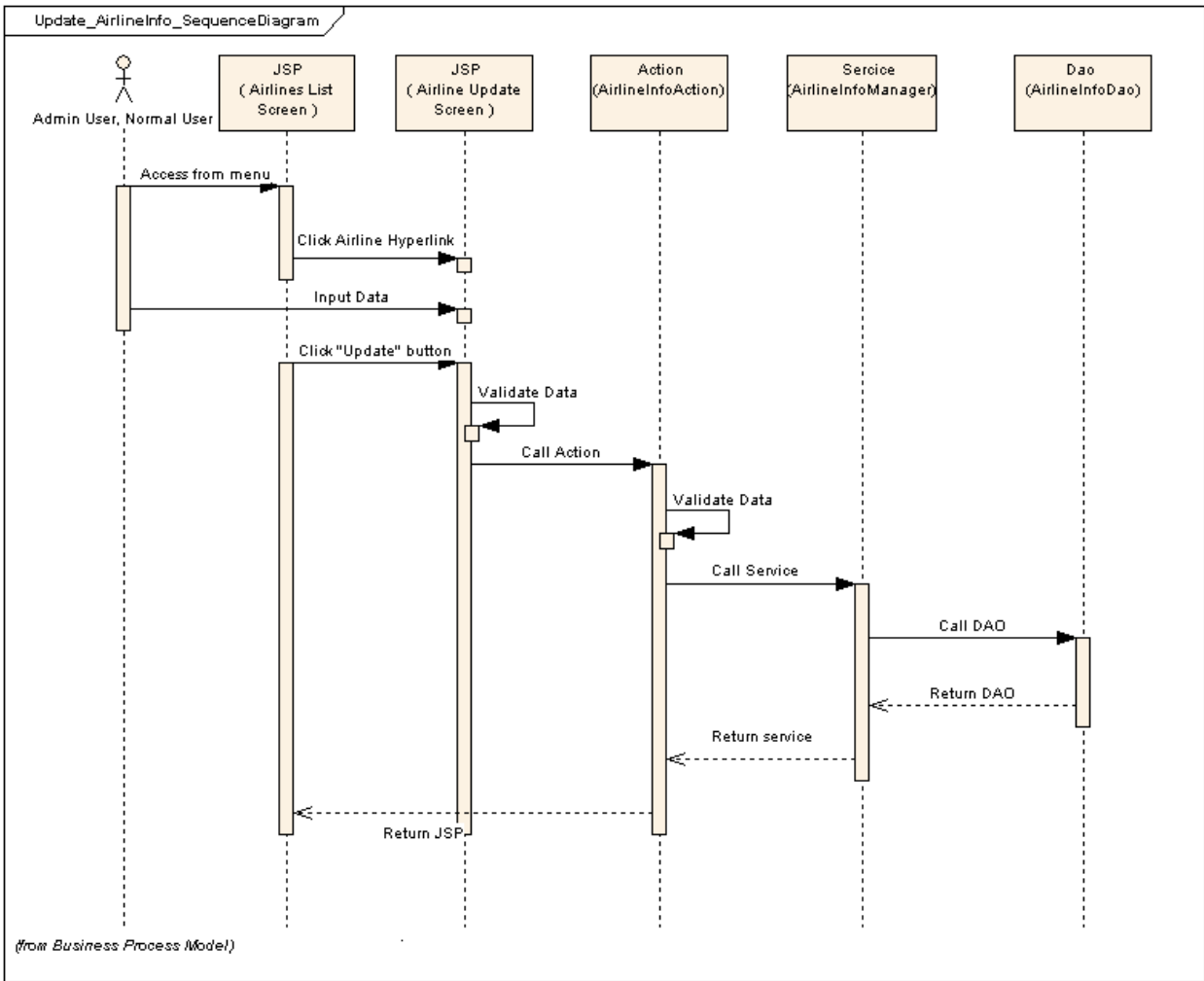
1.2.1. List Airlines Information

List_AirlineInfo_SequenceDiagram
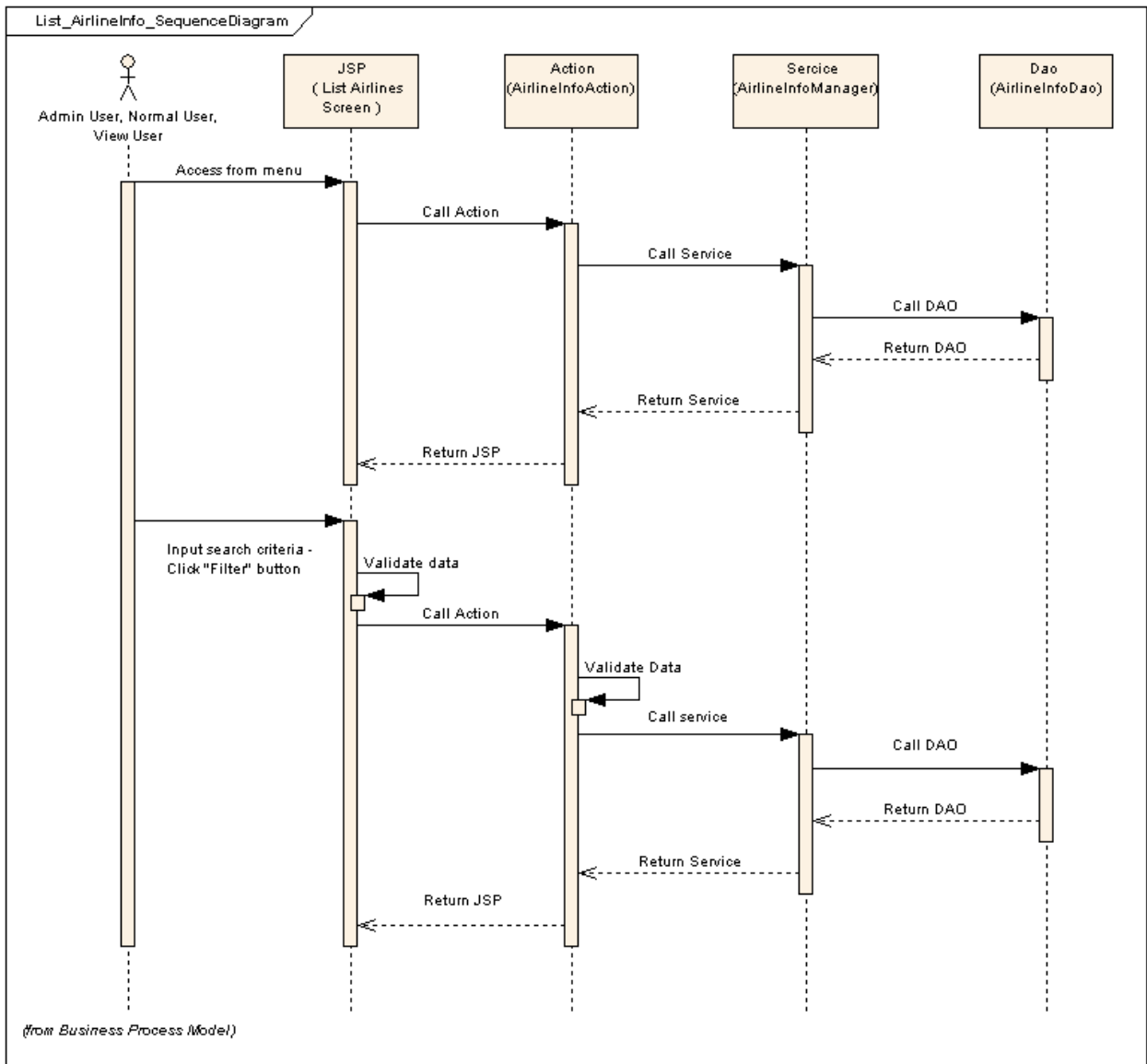
1.2.2. Add Airline

1.2.3. Update Airline

1.3. Screen
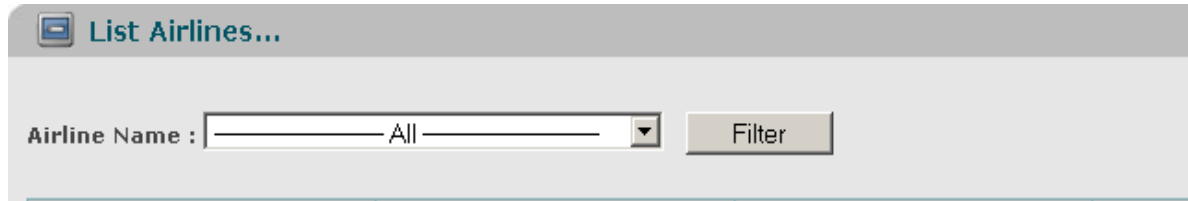
1.3.1. List screen

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

1.3.1.3. Validation Rule/Data mapping

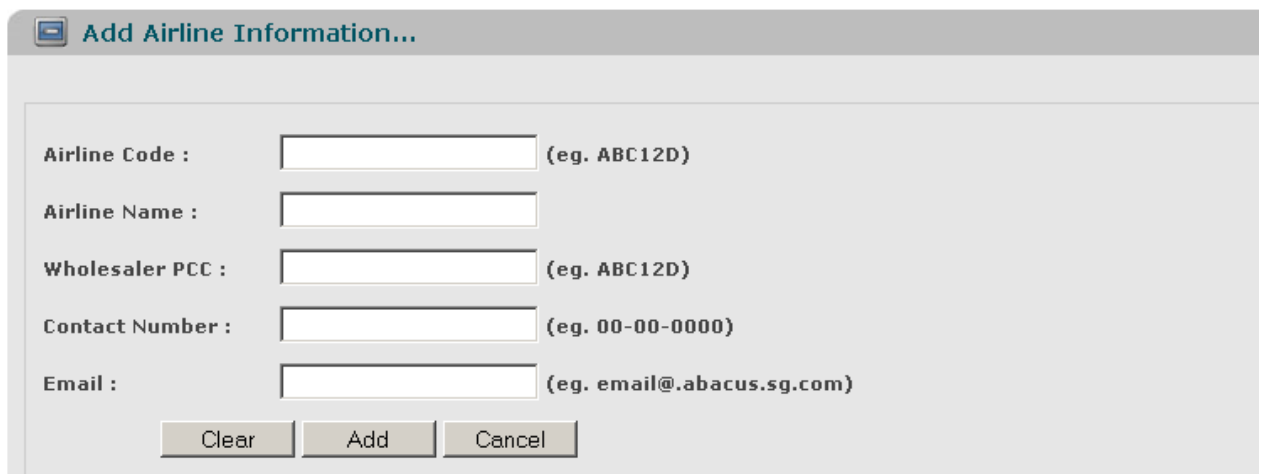| Field	Type	Description
Airline Name	Dropdown list	• Airline Name – Airline Code • Value default is 'All' Display both name and code but name first, value is code ordered by AIRLINE.NAME • Mapping to field in DB: AIRLINE_INFO. AIRLINE_CODE
Filter	Button	• List data in DB withSoftware High Level Design Document_Sample.doc criteria
Airline Code	Link	• Airline code Only display as link if user is Administrator or Normal User

		• Mapping to field in DB: AIRLINE_INFO. AIRLINE_CODE
Airline Name	Label	• Name of Airline
		• Mapping to field in DB: AIRLINE_INFO. AIRLINE_NAME
Wholesaler PCC	Label	• An agent of Customer
		• Mapping to field in DB: AIRLINE_INFO. WHOLESALER_PCC
Contact Number	Label	• Contact number of airline
		• Mapping to field in DB: AIRLINE_INFO. CONTACT_NBR
Email	Label	• Email
		• Mapping to field in DB: AIRLINE_INFO. EMAIL
Add	Button	• 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

1.3.2.3. Validation Rule/Data mapping

Field	Type	Description
Airline Code	Textbox	• Airline Name – Airline Code • Must be alpha numeric (5), is mandatory • Insert to field in DB: AIRLINE_INFO. AIRLINE_CODE
Airline Name	Textbox	• Name of Airline • Must be String (45), is mandatory • Insert into field in DB: AIRLINE_INFO. AIRLINE_NAME
Wholesaler PCC	Textbox	• An agent of Customer • Must be alpha numeric(5) • Insert into field in DB: AIRLINE_INFO. WHOLESALER_PCC
Contact Number	Textbox	• Contact number • Must be number (15), is mandatory • Insert into field in DB: AIRLINE_INFO. CONTACT_NBR
Email	Textbox	• Email of airline • Must be String (50) with email format eg.vietnv@gmail.com • Insert into field in DB: AIRLINE_INFO. EMAIL
Clear	Button	• Clear button • Clear all inputted data
Add	Button	• Add button • Insert new record in database
Cancel	Button	• Cancel button • Cancel to add new and back to list screen

Design Database

	Field Name	Data Type	Null ?		Default	Description
	RefNbrDetailId	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