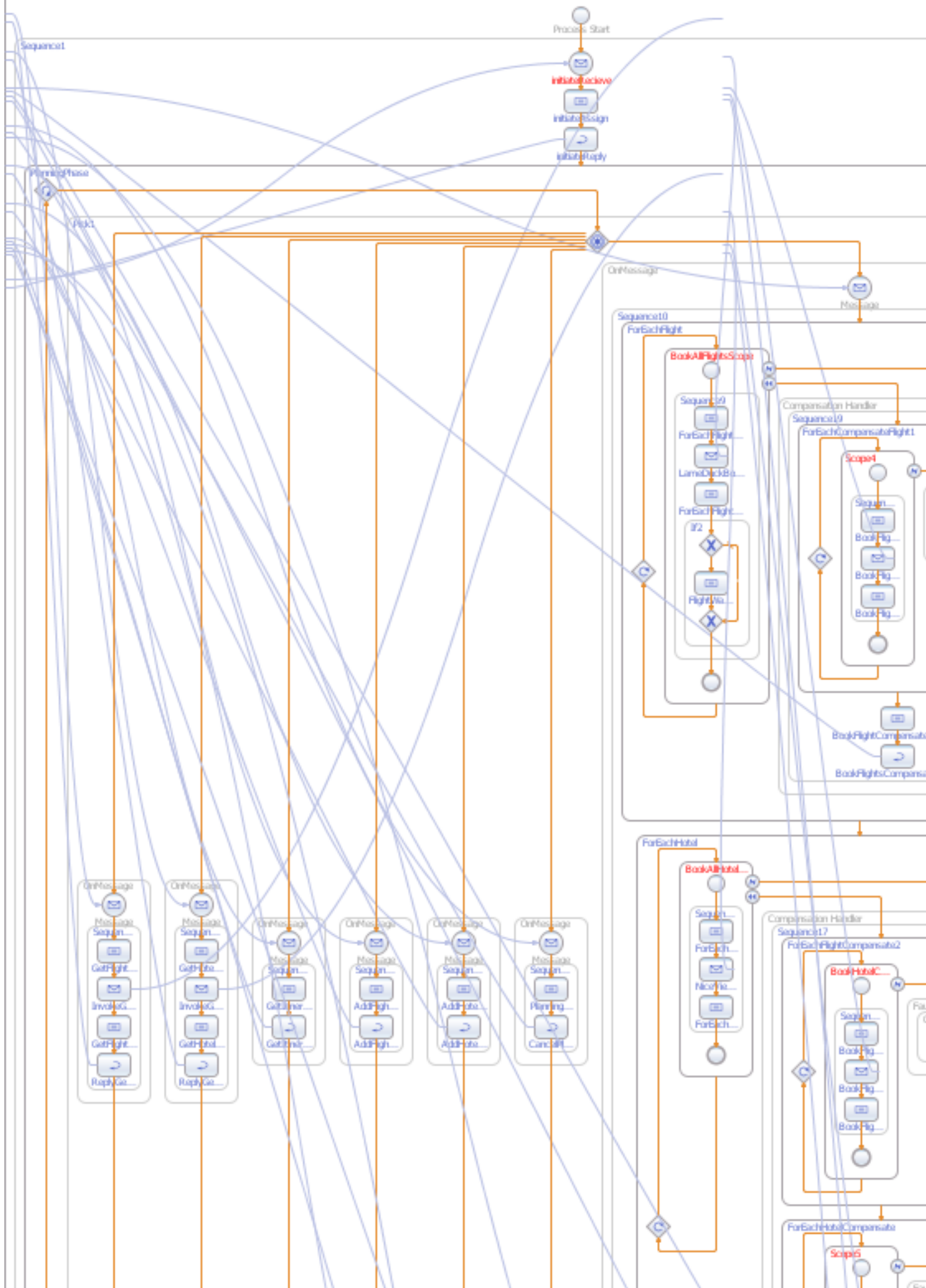
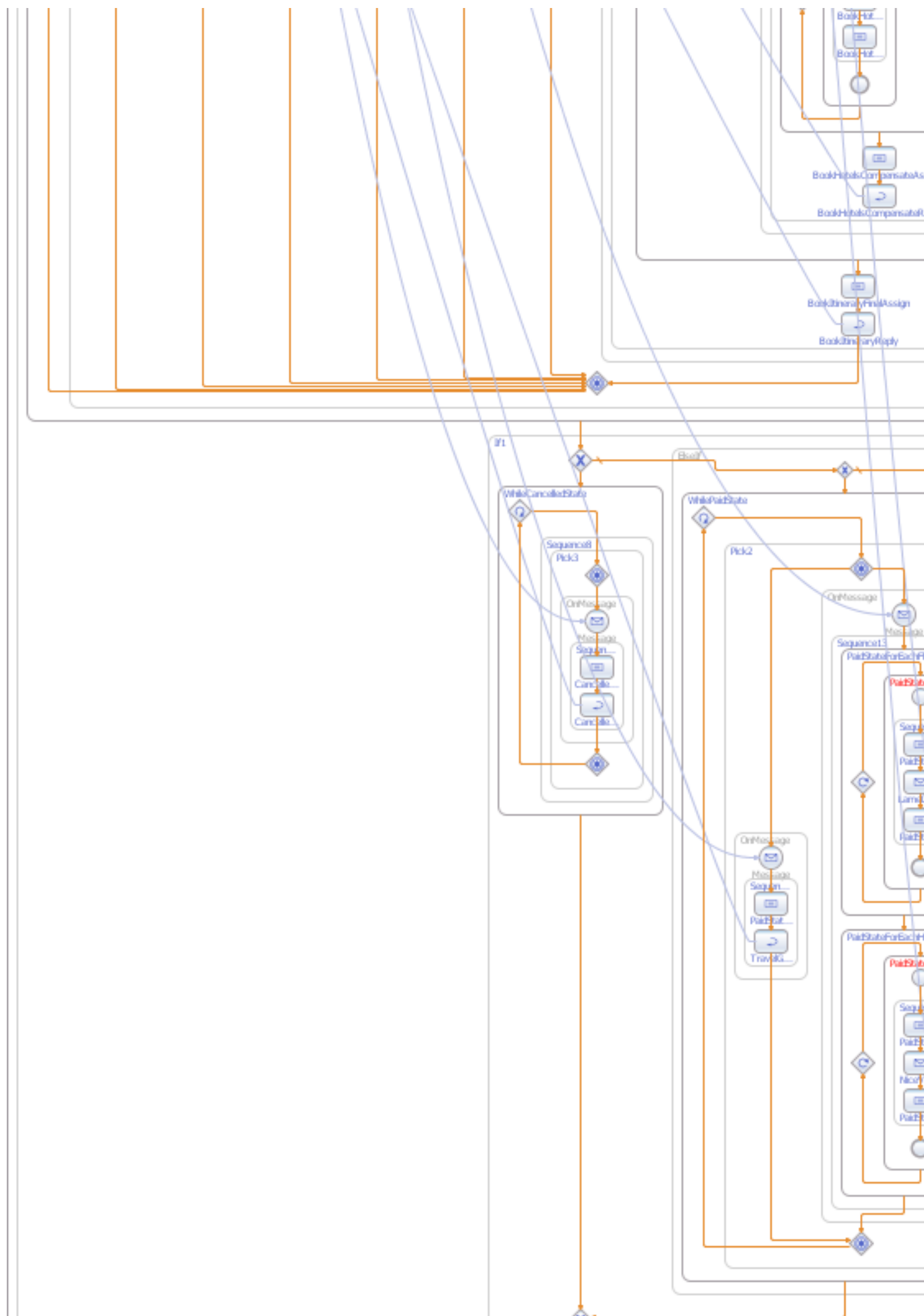


Report of travelGoodBPEL

This is a report for travelGoodBPEL.bpel. Following is an overview of the BPEL process.









Name	travelGoodBPEL
Location	C:\Users\Jeppe_000\Documents\NetBeansProjects\webservices\TravelGoodBPEL\src\travelGoodBPEL.bpel
Size	65580 byte(s)
Created	Sat Nov 28 19:46:24 CET 2015
Last Modified	Sat Nov 28 19:38:41 CET 2015

1. This section contains details about imported documents.


1.1. Import

	
namespace	http://j2ee.netbeans.org/wsdl/TravelGoodBPEL/src/TravelGoodWsdI
location	TravelGoodWsdI.wsdl
importType	http://schemas.xmlsoap.org/wsdl/


1.2. Import

	
namespace	http://enterprise.netbeans.org/bpel/LameDuckWSDLServiceWrapper
location	LameDuckWSDLServiceWrapper.wsdl
importType	http://schemas.xmlsoap.org/wsdl/


1.3. Import

	
namespace	http://j2ee.netbeans.org/wsdl/LameDuck/wsdl/LameDuckWSDL
location	http://localhost:8080/LameDuckTest/LameDuckWSDLService?wsdl
importType	http://schemas.xmlsoap.org/wsdl/

1.4. Import


	
namespace	http://xml.netbeans.org/schema/TravelGoodElements
location	TravelGoodElements.xsd
importType	http://www.w3.org/2001/XMLSchema

1.5. Import


	
namespace	http://xml.netbeans.org/schema/LameDuckElements
location	http://localhost:8080/LameDuckTest/LameDuckWSDLService?xsd=1

importType	http://www.w3.org/2001/XMLSchema
------------	----------------------------------

1.6. Import


	
namespace	http://xml.netbeans.org/schema/NiceViewElements
location	http://localhost:8080/NiceViewTemp/NiceViewWSDLService?xsd=1
importType	http://www.w3.org/2001/XMLSchema

1.7. Import


	
namespace	http://j2ee.netbeans.org/wsdl/NiceViewTest/dk/NiceViewWSDL
location	http://localhost:8080/NiceViewTemp/NiceViewWSDLService?wsdl
importType	http://schemas.xmlsoap.org/wsdl/

2. This section contains details about partner links.


2.1. PartnerLink 'PartnerLink4'

	
name	PartnerLink4
partnerLinkType	tns:LameDuckLinkType
partnerRole	LameDuckRole

2.2. PartnerLink 'PartnerLink5'


	
name	PartnerLink5
partnerLinkType	ns6:NiceViewWSDL
partnerRole	NiceViewWSDLPortTypeRole

2.3. PartnerLink 'PartnerLink1'


	
name	PartnerLink1
partnerLinkType	ns3:TravelGoodWsdI
myRole	TravelGoodWsdIPortTypeRole

3. This section contains all variables defined in the BPEL process.


3.1. Variable 'Cancelled'

	
name	Cancelled
type	xs:int


3.2. Variable 'successfullBookedHotels'

	
name	successfullBookedHotels
type	xs:int


3.3. Variable 'successfullFlightsBooked'

	
name	successfullFlightsBooked
type	xs:int


3.4. Variable 'FirstDeadLine'

	
name	FirstDeadLine
type	xs:dateTime


3.5. Variable 'TravelGoodBookItineraryOut'

	
name	TravelGoodBookItineraryOut
messageType	ns3:bookItineraryResponse


3.6. Variable 'Confirmed'

	
name	Confirmed
type	xs:int


3.7. Variable 'Unconfirmed'

	
name	Unconfirmed
type	xs:int


3.8. Variable 'TravelGoodPaidCancelItineraryIn'

	
name	TravelGoodPaidCancelItineraryIn
messageType	ns3:cancelItineraryRequest


3.9. Variable 'TravelGoodPaidStateGetItineraryOut'

	
name	TravelGoodPaidStateGetItineraryOut
messageType	ns3:getItineraryResponse

3.10. Variable 'TravelGoodPaidStateGetItineraryIn'

	
name	TravelGoodPaidStateGetItineraryIn
messageType	ns3:getItineraryRequest

3.11. Variable 'TravelGoodBookItineraryIn'

	
name	TravelGoodBookItineraryIn
messageType	ns3:bookItineraryRequest


3.12. Variable 'TravelGoodCancelledGetItineraryOut'

	
name	TravelGoodCancelledGetItineraryOut
messageType	ns3:getItineraryResponse


3.13. Variable 'TravelGoodCancelledGetItineraryIn'

	
name	TravelGoodCancelledGetItineraryIn
messageType	ns3:getItineraryRequest

3.14. Variable 'TravelGoodPlanningPhaseCancelItineraryOut'

	
name	TravelGoodPlanningPhaseCancelItineraryOut
messageType	ns3:cancelItineraryResponse

3.15. Variable 'TravelGoodPlanningPhaseCancelItineraryIn'

	
name	TravelGoodPlanningPhaseCancelItineraryIn
messageType	ns3:cancelItineraryRequest

3.16. Variable 'NumberOfHotels'

	
name	NumberOfHotels
type	xs:int

3.17. Variable 'TravelGoodAddHotelToItineraryOut'

	
name	TravelGoodAddHotelToItineraryOut
messageType	ns3:addHotelToItineraryResponse

3.18. Variable 'TravelGoodAddHotelToItineraryIn'

	
name	TravelGoodAddHotelToItineraryIn
messageType	ns3:addHotelToItineraryRequest

3.19. Variable 'NumberOfFlights'

name	NumberOfFlights
type	xs:int

3.20. Variable 'TravelGoodAddFlightToltineraryOut'

name	TravelGoodAddFlightToltineraryOut
messageType	ns3:addFlightToltineraryResponse

3.21. Variable 'TravelGoodAddFlightToltineraryIn'

name	TravelGoodAddFlightToltineraryIn
messageType	ns3:addFlightToltineraryRequest

3.22. Variable 'TravelGoodGetItineraryOut'

name	TravelGoodGetItineraryOut
messageType	ns3:getItineraryResponse


3.23. Variable 'TravelGoodGetItineraryIn'

name	TravelGoodGetItineraryIn
messageType	ns3:getItineraryRequest

3.24. Variable 'TravelGoodGetHotelsOut'

name	TravelGoodGetHotelsOut
messageType	ns3:getHotelsResponse

3.25. Variable 'NiceViewGetHotelsOut'

	
name	NiceViewGetHotelsOut
messageType	tns:getHotelsResponse


3.26. Variable 'NiceViewGetHotelsIn'

	
name	NiceViewGetHotelsIn
messageType	tns:getHotelsRequest


3.27. Variable 'TravelGoodGetHotelsIn'

	
name	TravelGoodGetHotelsIn
messageType	ns3:getHotelsRequest


3.28. Variable 'TravelGoodGetFlightsOut'

	
name	TravelGoodGetFlightsOut
messageType	ns3:getFlightsResponse

3.29. Variable 'LameDuckGetFlightsOut'

	
name	LameDuckGetFlightsOut
messageType	tns:getFlightsResponse

3.30. Variable 'LameDuckGetFlightsIn'


	
name	LameDuckGetFlightsIn
messageType	tns:getFlights

3.31. Variable 'TravelGoodGetFlightsIn'


	
---	--

name	TravelGoodGetFlightsIn
messageType	ns3:getFlightsRequest


3.32. Variable 'CancelledState'

	
name	CancelledState
type	xs:int


3.33. Variable 'ConfirmedState'

	
name	ConfirmedState
type	xs:int


3.34. Variable 'PaidState'

	
name	PaidState
type	xs:int


3.35. Variable 'PlanningState'

	
name	PlanningState
type	xs:int

3.36. Variable 'ItineraryOnServer'

	
name	ItineraryOnServer
element	ns3:TGItneraryElement

3.37. Variable 'TravelGoodInitiateltineraryOut'


	
name	TravelGoodInitiateltineraryOut
messageType	ns3:InitiateltineraryResponse

3.38. Variable 'TravelGoodInitiateltineraryIn'

	
name	TravelGoodInitiateltineraryIn
messageType	ns3:InitiateltineraryRequest


4. This section contains all correlation sets.

4.1. CorrelationSet 'ItineraryCorrelationSet'


	
name	ItineraryCorrelationSet
properties	ns3:itineraryId

5. Following section describes elements used in the BPEL process.

5.1. Sequence 'Sequence1'

	
name	Sequence1

5.2. Receive 'initiateRecieve'

	
name	initiateRecieve
createInstance	yes
partnerLink	PartnerLink1
operation	initiateItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodInitiateItineraryIn

5.3. Assign 'initiateAssign'

	
name	initiateAssign

5.4. Copy

	
---	--

5.5. From: 2

	
---	--

5.6. To

	
variable	ConfirmedState

5.7. Copy

=

5.8. From: 0



5.9. To

	
variable	PlanningState

5.10. Copy

=

5.11. From: 1



5.12. To

	
variable	PaidState

5.13. Copy

=

5.14. From: 3



5.15. To



variable	CancelledState
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5.16. Copy

=

5.17. From: 1

◆

5.18. To

variable	Confirmed

5.19. Copy

=

5.20. From: 0

◆

5.21. To

variable	Unconfirmed

5.22. Copy

=

5.23. From

◆

variable	PlanningState
----------	---------------

5.24. To: \$ltineraryOnServer/state

5.25. Copy

5.26. From: "

5.27. To: \$ltineraryOnServer/flights

5.28. Copy

5.29. From: "

5.30. To: \$ltineraryOnServer/hotels

5.31. Copy

5.32. From: sxxf:getGUID()

--

5.33. To: \$!tineraryOnServer/id

--

5.34. Copy

=

5.35. From: \$!tineraryOnServer/id

--

5.36. To

variable	TravelGoodInitiateltineraryOut
part	itineraryId5

5.37. Copy

=

5.38. From: sxxf:current-dateTime()

--

5.39. To

variable	FirstDeadLine

5.40. Copy



5.41. From: 2



5.42. To

	
variable	Cancelled

5.43. Reply 'initiateReply'

	
name	initiateReply
partnerLink	PartnerLink1
operation	initiateItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodInitiateItineraryOut

5.44. While 'PlanningPhase'

	
name	PlanningPhase

5.45. BooleanExpr: \$PlanningState = \$ItineraryOnServer/state




5.46. Pick 'Pick1'

	
name	Pick1
createInstance	no


5.47. OnMessage

	
partnerLink	PartnerLink1
operation	getFlights
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetFlightsIn

5.48. Sequence 'Sequence2'

	
name	Sequence2

5.49. Assign 'GetFlightsAssign'

	
name	GetFlightsAssign

5.50. Copy

	
---	--

5.51. From: \$TravelGoodGetFlightsIn.input1/flightRequest/ns4:origin

	
---	--

5.52. To: \$LameDuckGetFlightsIn.flightInfo/ns4:origin

	
---	--

5.53. Copy

	
---	--

5.54. From: \$TravelGoodGetFlightsIn.input1/flightRequest/ns4:destination



5.55. To: \$LameDuckGetFlightsIn.flightInfo/ns4:destination



5.56. Copy

=


5.57. From: \$TravelGoodGetFlightsIn.input1/flightRequest/ns4:flightDate




5.58. To: \$LameDuckGetFlightsIn.flightInfo/ns4:flightDate



5.59. Invoke 'InvokeGetFlights'

	
name	InvokeGetFlights
partnerLink	PartnerLink4
operation	getFlights
portType	tns:LameDuckPortType
inputVariable	LameDuckGetFlightsIn
outputVariable	LameDuckGetFlightsOut

5.60. Assign 'GetFlightsAssign2'

	
name	GetFlightsAssign2

5.61. Copy



5.62. From: \$LameDuckGetFlightsOut.flightInfoList/ns4:flightInfo



5.63. To: \$TravelGoodGetFlightsOut.output1/ns4:flightInfo




5.64. Reply 'ReplyGetFlights'

	
name	ReplyGetFlights
partnerLink	PartnerLink1
operation	getFlights
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetFlightsOut

5.65. OnMessage

	
partnerLink	PartnerLink1
operation	getHotels
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetHotelsIn

5.66. Sequence 'Sequence3'

	
name	Sequence3

5.67. Assign 'GetHoteslAssign1'

	
name	GetHoteslAssign1

5.68. Copy



5.69. From: \$TravelGoodGetHotelsIn.input2/request/ns5:city



5.70. To: \$NiceViewGetHotelsIn.input/ns5:city



5.71. Copy



5.72. From: \$TravelGoodGetHotelsIn.input2/request/ns5:arrivalDate



5.73. To: \$NiceViewGetHotelsIn.input/ns5:arrivalDate



5.74. Copy




5.75. From: \$TravelGoodGetHotelsIn.input2/request/ns5:departureDate



5.76. To: \$NiceViewGetHotelsIn.input/ns5:departureDate



5.77. Invoke 'InvokeGetHotels'

	
name	InvokeGetHotels
partnerLink	PartnerLink5
operation	getHotels
portType	tns:NiceViewWSDLPortType
inputVariable	NiceViewGetHotelsIn
outputVariable	NiceViewGetHotelsOut

5.78. Assign 'GetHotelsAssign2'

	
name	GetHotelsAssign2

5.79. Copy

=


5.80. From: \$NiceViewGetHotelsOut.hotels/ns5:hotelInformations




5.81. To: \$TravelGoodGetHotelsOut.output2/ns5:hotelInformations



5.82. Reply 'ReplyGetHotels'

	
name	ReplyGetHotels
partnerLink	PartnerLink1
operation	getHotels
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetHotelsOut

5.83. OnMessage

	
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetItineraryIn

5.84. Sequence 'Sequence4'

	
name	Sequence4

5.85. Assign 'GetItineraryAssign'

	
name	GetItineraryAssign

5.86. Copy

	
---	--

5.87. From: \$ItineraryOnServer/flights

	
---	--

5.88. To: \$TravelGoodGetItineraryOut.itinerary5/flights

	
---	--

5.89. Copy

	
---	--

5.90. From: \$ItineraryOnServer/hotels



5.91. To: \$TravelGoodGetItineraryOut.itinerary5/hotels



5.92. Copy



5.93. From: \$ItineraryOnServer/state



5.94. To: \$TravelGoodGetItineraryOut.itinerary5/state



5.95. Copy



5.96. From: \$ItineraryOnServer/id



5.97. To: \$TravelGoodGetItineraryOut.itinerary5/id




5.98. Reply 'GetItineraryReply'




name	GetItineraryReply
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodGetItineraryOut

5.99. OnMessage

	
partnerLink	PartnerLink1
operation	addFlightToItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodAddFlightToItineraryIn

5.100. Sequence 'Sequence5'

	
name	Sequence5

5.101. Assign 'AddFlightToItineraryAssign'

	
name	AddFlightToItineraryAssign

5.102. Copy

	
---	--

5.103. From: count(\$ItineraryOnServer/flights/ns4:flightInfo)

	
---	--

5.104. To

	
variable	NumberOfFlights

5.105. Copy

=

5.106. From: \$TravelGoodAddFlightToItineraryIn.input3/flightInfo

5.107. To: \$ItineraryOnServer/flights/ns4:flightInfo[\$NumberOfFlights + 1]

5.108. Copy

=

5.109. From: \$ItineraryOnServer/id

5.110. To: \$TravelGoodAddFlightToItineraryOut.itinerary1/id

5.111. Copy

=

5.112. From: \$ItineraryOnServer/state

5.113. To: \$TravelGoodAddFlightToItineraryOut.itinerary1/state

5.114. Copy

=

5.115. From: \$ItineraryOnServer/hotels

5.116. To: \$TravelGoodAddFlightToItineraryOut.itinerary1/hotels

5.117. Copy

=

5.118. From: \$ItineraryOnServer/flights

5.119. To: \$TravelGoodAddFlightToItineraryOut.itinerary1/flights

5.120. Copy


=

5.121. From: count(\$ItineraryOnServer/flights/ns4:flightInfo)

5.122. To

	
variable	NumberOfFlights


5.123. Reply 'AddFlightToltineraryReply'

	
name	AddFlightToltineraryReply
partnerLink	PartnerLink1
operation	addFlightToltinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodAddFlightToltineraryOut

5.124. OnMessage

	
partnerLink	PartnerLink1
operation	addHotelToltinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodAddHotelToltineraryIn

5.125. Sequence 'Sequence6'

	
name	Sequence6

5.126. Assign 'AddHotelToltineraryAssign'

	
name	AddHotelToltineraryAssign

5.127. Copy

	
---	--

5.128. From: count(\$ltineraryOnServer/hotels/ns5:hotelInformations)

--

5.129. To

variable	NumberOfHotels

5.130. Copy

=

5.131. From: \$TravelGoodAddHotelToItineraryIn.input4/hotel

--

5.132. To: \$ItineraryOnServer/hotels/ns5:hotelInformations[\$NumberOfHotels + 1]

--

5.133. Copy

=

5.134. From: \$ItineraryOnServer/flights

--

5.135. To: \$TravelGoodAddHotelToItineraryOut.itinerary2/flights

--

5.136. Copy

=

5.137. From: \$ItineraryOnServer/hotels

◆

5.138. To: \$TravelGoodAddHotelToItineraryOut.itinerary2/hotels

◆

5.139. Copy

=

5.140. From: \$ItineraryOnServer/state

◆

5.141. To: \$TravelGoodAddHotelToItineraryOut.itinerary2/state

◆

5.142. Copy

=

5.143. From: \$ItineraryOnServer/id

◆

5.144. To: \$TravelGoodAddHotelToItineraryOut.itinerary2/id

◆

5.145. Copy



5.146. From: count(\$ItineraryOnServer/hotels/ns5:hotelInformations)




5.147. To

	
variable	NumberOfHotels


5.148. Reply 'AddHotelToItineraryReply'

	
name	AddHotelToItineraryReply
partnerLink	PartnerLink1
operation	addHotelToItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodAddHotelToItineraryOut


5.149. OnMessage

	
partnerLink	PartnerLink1
operation	cancellItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodPlanningPhaseCancellItineraryIn

5.150. Sequence 'Sequence7'

	
name	Sequence7

5.151. Assign 'PlanningPhaseCancelAssign'

	
name	PlanningPhaseCancelAssign

5.152. Copy

	
---	--

5.153. From

	
variable	CancelledState

5.154. To: \$!itineraryOnServer/state

	
---	--

5.155. Copy

	
---	--


5.156. From: 'Successfully cancelled'

	
---	--

5.157. To

	
variable	TravelGoodPlanningPhaseCancelItineraryOut
part	status1

5.158. Reply 'CancelPlanningPhase'


	
name	CancelPlanningPhase
partnerLink	PartnerLink1
operation	cancelltinerary
portType	ns3:TravelGoodWsdIPortType

variable	TravelGoodPlanningPhaseCancelltineraryOut
----------	---


5.159. OnMessage

	
partnerLink	PartnerLink1
operation	bookItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodBookItineraryIn

5.160. Sequence 'Sequence10'

	
name	Sequence10

5.161. ForEach 'ForEachFlight'

	
name	ForEachFlight
parallel	no
counterName	ForEach1Counter

5.162. StartCounterValue: 1

	
---	--

5.163. FinalCounterValue: \$NumberOfFlights

	
---	--

5.164. Scope 'BookAllFlightsScope'

	
name	BookAllFlightsScope

5.165. FaultHandlers




5.166. Catch

Hopefully this catch will call the compensation handler

	
faultName	tns:BookFlightFault


5.167. Compensate 'Compensate1'

	
name	Compensate1


5.168. CompensationHandler


--

5.169. Sequence 'Sequence19'

	
name	Sequence19

5.170. ForEach 'ForEachCompensateFlight1'

	
name	ForEachCompensateFlight1
parallel	no
counterName	ForEach1Counter


5.171. StartCounterValue: 1



5.172. FinalCounterValue: \$successfullFlightsBooked



5.173. Scope 'Scope4'

	
name	Scope4

5.174. FaultHandlers

	
---	--

5.175. CompensatableActivityHolder

	
---	--

5.176. Exit 'Exit1'

	
name	Exit1

5.177. Sequence 'Sequence16'

	
name	Sequence16

5.178. Assign 'BookFlightCompensateAssign'

	
name	BookFlightCompensateAssign

5.179. Copy

	
---	--

5.180. From:
\$!itineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:bookingNumber

--

5.181. Editor

--

5.182. Predicate

path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.183. To: \$BookFlightCompensateCancelFlightIn.flightInfo/ns4:bookingNumber

--

5.184. Copy

=

5.185. From: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:flightPrice

--

5.186. Editor

--

5.187. Predicate

--

path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.188. To: \$BookFlightCompensateCancelFlightIn.flightInfo/ns4:price

5.189. Copy

=

5.190. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:cardNumber

5.191. To:

\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:cardNumber

5.192. Copy

=

5.193. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:holderName

5.194. To:

\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:holderName

5.195. Copy

=

5.196. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:expirationDate

5.197. To:
\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:expirationDate

5.198. Invoke 'BookFlightCompensateCancelFlight'

<div><div></div></div>	
name	BookFlightCompensateCancelFlight
partnerLink	PartnerLink4
operation	cancelFlight
portType	tns:LameDuckPortType
inputVariable	BookFlightCompensateCancelFlightIn
outputVariable	BookFlightCompensateCancelFlightOut

5.199. Assign 'BookFlightsCompensateAssign1'

<div><div></div></div>	
name	BookFlightsCompensateAssign1

5.200. Copy

=

5.201. From

variable	Cancelled
----------	-----------

5.202. To: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:state

5.203. Editor

5.204. Predicate

path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	to

5.205. Assign 'BookFlightCompensateAssign2'

name	BookFlightCompensateAssign2

5.206. Copy

5.207. From

variable	CancelledState

5.208. To: \$ItineraryOnServer/state


5.209. Copy




5.210. From: 'Some bookings failed, but all compensations succeeded'



5.211. To

	
variable	TravelGoodBookFault
part	bookFault1

5.212. Reply 'BookFlightsCompensateReply'

	
name	BookFlightsCompensateReply
partnerLink	PartnerLink1
operation	bookItinerary
portType	ns3:TravelGoodWsdIPortType
faultName	ns3:fault1
variable	TravelGoodBookFault

5.213. Sequence 'Sequence9'

	
name	Sequence9

5.214. Assign 'ForEachFlightAssign1'

	
name	ForEachFlightAssign1

5.215. Copy

=

5.216. From: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:bookingNumber

◆

5.217. Editor

◆

5.218. Predicate

◆	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.219. To: \$LameDuckBookFlightIn.flightInfo/ns4:bookingNumber

◆

5.220. Copy

=

5.221. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:cardNumber

◆

5.222. To: \$LameDuckBookFlightIn.flightInfo/ns4:creditcardInfo/ns4:cardNumber

◆

5.223. Copy

=

5.224. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:holderName

◆

5.225. To: \$LameDuckBookFlightIn.flightInfo/ns4:creditcardInfo/ns4:holderName

◆

5.226. Copy

=

5.227. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:expirationDate

◆

5.228. To: \$LameDuckBookFlightIn.flightInfo/ns4:creditcardInfo/ns4:expirationDate

◆

5.229. Copy

=


5.230. From

◆	
variable	ForEach1Counter

5.231. To

	
variable	successfullFlightsBooked

5.232. Invoke 'LameDuckBookFlight'

	
name	LameDuckBookFlight
partnerLink	PartnerLink4
operation	bookFlight
portType	tns:LameDuckPortType
inputVariable	LameDuckBookFlightIn
outputVariable	LameDuckBookFlightOut

5.233. Assign 'ForEachFlightAssign2'

	
name	ForEachFlightAssign2

5.234. Copy

	
---	--

5.235. From

	
variable	Confirmed


5.236. To: \$!itineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:state

	
---	--

5.237. Editor

	
---	--

5.238. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	to

5.239. If 'If2'

	
name	If2

5.240. BooleanExpr: sxxf:dateTime-less-than(\$FirstDeadLine, \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:flight/ns4:takeOff)

	
---	--

5.241. Assign 'FlightWasEarlierAssign'

	
name	FlightWasEarlierAssign

5.242. Copy

	
---	--


5.243. From: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:flight/ns4:takeOff

	
---	--


5.244. Editor

	
---	--

5.245. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.246. To

	
variable	FirstDeadLine

5.247. ForEach 'ForEachHotel'

	
name	ForEachHotel
parallel	no
counterName	ForEach1Counter

5.248. StartCounterValue: 1



5.249. FinalCounterValue: \$NumberOfHotels



5.250. Scope 'BookAllHotelsScope'

	
name	BookAllHotelsScope


5.251. FaultHandlers



5.252. **CompensatableActivityHolder**



5.253. **Compensate 'Compensate2'**

	
name	Compensate2

5.254. **CompensationHandler**




5.255. **Sequence 'Sequence17'**

If we made it here, we need to cancel both the succesfully booked hotels, and all the flights..

	
name	Sequence17

5.256. **ForEach 'ForEachFlightCompensate2'**

	
name	ForEachFlightCompensate2
parallel	no
counterName	ForEach1Counter

5.257. **StartCounterValue: 1**



5.258. **FinalCounterValue: \$successfullFlightsBooked**



5.259. Scope 'BookHotelCancelCompensateScope'

	
name	BookHotelCancelCompensateScope

5.260. FaultHandlers




5.261. CompensatableActivityHolder



5.262. Exit 'Exit2'

	
name	Exit2

5.263. Sequence 'Sequence16'

	
name	Sequence16

5.264. Assign 'BookFlightCompensateAssign'

	
name	BookFlightCompensateAssign

5.265. Copy



5.266. From:
\$!itineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:bookingNumber

--

5.267. Editor

--

5.268. Predicate

path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.269. To: \$BookFlightCompensateCancelFlightIn.flightInfo/ns4:bookingNumber

--

5.270. Copy

=

5.271. From: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:flightPrice

--

5.272. Editor

--

5.273. Predicate

--

path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.274. To: \$BookFlightCompensateCancelFlightIn.flightInfo/ns4:price

5.275. Copy

=

5.276. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:cardNumber

5.277. To:

\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:cardNumber

5.278. Copy

=

5.279. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:holderName

5.280. To:

\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:holderName


5.281. Copy

=

5.282. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:expirationDate

5.283. To:
\$BookFlightCompensateCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:expirationDate

5.284. Invoke 'BookFlightCompensateCancelFlight'

	
name	BookFlightCompensateCancelFlight
partnerLink	PartnerLink4
operation	cancelFlight
portType	tns:LameDuckPortType
inputVariable	BookFlightCompensateCancelFlightIn
outputVariable	BookFlightCompensateCancelFlightOut

5.285. Assign 'BookFlightsCompensateAssign1'

	
name	BookFlightsCompensateAssign1

5.286. Copy

=

5.287. From

variable	Cancelled
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5.288. To: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:state




5.289. Editor



5.290. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	to

5.291. ForEach 'ForEachHotelCompensate'

	
name	ForEachHotelCompensate
parallel	no
counterName	ForEach1Counter

5.292. StartCounterValue: 1



5.293. FinalCounterValue: \$successfullBookedHotels



5.294. Scope 'Scope5'



name	Scope5
------	--------

5.295. FaultHandlers




5.296. CompensatableActivityHolder



5.297. Exit 'Exit3'

	
name	Exit3

5.298. Sequence 'Sequence18'

	
name	Sequence18

5.299. Assign 'BookHotelCompensateAssign'

	
name	BookHotelCompensateAssign

5.300. Copy




5.301. From:
\$!tineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]/ns5:bookingNumber



5.302. Editor




5.303. Predicate

	
path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]
source	from

5.304. To: \$BookHotelCompensateCancelHotelIn.input/ns5:bookingNumber



5.305. Invoke 'BookHotelCompensateCancelHotel'

	
name	BookHotelCompensateCancelHotel
partnerLink	PartnerLink5
operation	cancelHotel
portType	ns6:NiceViewWSDLPortType
inputVariable	BookHotelCompensateCancelHotelIn
outputVariable	BookHotelCompensateCancelHotelOut


5.306. Assign 'BookHotelsCompensateAssign1'

	
name	BookHotelsCompensateAssign1

5.307. Copy



5.308. From

	
variable	Cancelled

5.309. To:


\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]/ns5:state

	
---	--

5.310. Editor

	
---	--

5.311. Predicate

	
path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]
source	to

5.312. Assign 'BookHotelsCompensateAssign2'

	
name	BookHotelsCompensateAssign2

5.313. Copy

	
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5.314. From

	
variable	CancelledState

5.315. To: **\$ItineraryOnServer/state**




5.316. Copy

=


5.317. From: 'Some bookings failed, but compensation was completed successfully'




5.318. To

	
variable	TravelGoodBookFault
part	bookFault1

5.319. Reply 'BookHotelsCompensateReply'

	
name	BookHotelsCompensateReply
partnerLink	PartnerLink1
operation	bookItinerary
portType	ns3:TravelGoodWsdIPortType
faultName	ns3:fault1
variable	TravelGoodBookFault

5.320. Sequence 'Sequence11'

	
name	Sequence11

5.321. Assign 'ForEachHotelAssign1'

	
name	ForEachHotelAssign1

5.322. Copy

=

5.323. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:cardNumber

◆

5.324. To: \$NiceViewBookHotelIn.input/ns5:creditCardInformation/ns5:cardNumber

◆

5.325. Copy

=

5.326. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:holderName

◆

5.327. To: \$NiceViewBookHotelIn.input/ns5:creditCardInformation/ns5:holderName

◆

5.328. Copy

=

5.329. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:expirationDate

◆

5.330. To: \$NiceViewBookHotelIn.input/ns5:creditCardInformation/ns5:expirationDate

◆

5.331. Copy

=


5.332. From:
\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]/ns5:bookingNumber



5.333. Editor



5.334. Predicate

	
path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]
source	from


5.335. To: \$NiceViewBookHotelIn.input/ns5:bookingNumber



5.336. Copy

=


5.337. From

	
variable	ForEach1Counter

5.338. To

	
variable	successfullBookedHotels

5.339. Invoke 'NiceViewBookHotel'

	
name	NiceViewBookHotel
partnerLink	PartnerLink5
operation	bookHotel
portType	tns:NiceViewWSDLPortType
inputVariable	NiceViewBookHotelIn
outputVariable	NiceViewBookHotelOut

5.340. Assign 'ForEachHotelAssign2'

	
name	ForEachHotelAssign2

5.341. Copy

	
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5.342. From

	
variable	Confirmed

5.343. To:
\$!itineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]/ns5:state

	
---	--

5.344. Editor

--

5.345. Predicate

path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach1Counter]
source	to

5.346. Assign 'BookItineraryFinalAssign'

name	BookItineraryFinalAssign

5.347. Copy

--

5.348. From

variable	PaidState

5.349. To: \$ItineraryOnServer/state

--

5.350. Copy

--

5.351. From: \$ItineraryOnServer/flights

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5.352. To: \$TravelGoodBookItineraryOut.bookedItinerary1/flights

5.353. Copy

5.354. From: \$ItineraryOnServer/hotels

5.355. To: \$TravelGoodBookItineraryOut.bookedItinerary1/hotels

5.356. Copy

5.357. From: \$ItineraryOnServer/state

5.358. To: \$TravelGoodBookItineraryOut.bookedItinerary1/state

5.359. Copy


5.360. From: \$ItineraryOnServer/id



5.361. To: \$TravelGoodBookItineraryOut.bookedItinerary1/id



5.362. Reply 'BookItineraryReply'

	
name	BookItineraryReply
partnerLink	PartnerLink1
operation	bookItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodBookItineraryOut

5.363. If 'If1'

	
name	If1

5.364. BooleanExpr: \$CancelledState = \$ItineraryOnServer/state




5.365. While 'WhileCancelledState'

	
name	WhileCancelledState

5.366. BooleanExpr: \$CancelledState and \$ItineraryOnServer/state




5.367. Sequence 'Sequence8'

	
name	Sequence8


5.368. Pick 'Pick3'

	
name	Pick3

5.369. OnMessage

	
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodCancelledGetItineraryIn

5.370. Sequence 'Sequence20'

	
name	Sequence20

5.371. Assign 'CancelledItineraryAssign'

	
name	CancelledItineraryAssign

5.372. Copy

	
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5.373. From: \$ItineraryOnServer/flights

	
---	--

5.374. To: \$TravelGoodCancelledGetItineraryOut.itinerary5/flights

	
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5.375. Copy

=

5.376. From: \$ItineraryOnServer/hotels

◆

5.377. To: \$TravelGoodCancelledGetItineraryOut.itinerary5/hotels

◆

5.378. Copy

=

5.379. From: \$ItineraryOnServer/state

◆

5.380. To: \$TravelGoodCancelledGetItineraryOut.itinerary5/state

◆

5.381. Copy

=


5.382. From: \$ItineraryOnServer/id

◆

5.383. To: \$TravelGoodCancelledGetItineraryOut.itinerary5/id



5.384. Reply 'CancelledItineraryReply'

	
name	CancelledItineraryReply
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodCancelledGetItineraryOut

5.385. Elself



5.386. BooleanExpr: \$PaidState = \$ItineraryOnServer/state



5.387. While 'WhilePaidState'

	
name	WhilePaidState


5.388. BooleanExpr: \$PaidState = \$ItineraryOnServer/state




5.389. Pick 'Pick2'

	
name	Pick2

5.390. OnMessage

	
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodPaidStateGetItineraryIn

5.391. Sequence 'Sequence12'

	
name	Sequence12

5.392. Assign 'PaidStateAssign1'

	
name	PaidStateAssign1

5.393. Copy

	
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5.394. From: \$ItineraryOnServer/flights

	
---	--

5.395. To: \$TravelGoodPaidStateGetItineraryOut.itinerary5/flights

	
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5.396. Copy

	
---	--

5.397. From: \$ItineraryOnServer/hotels

	
---	--

5.398. To: \$TravelGoodPaidStateGetItineraryOut.itinerary5/hotels



5.399. Copy



5.400. From: \$ItineraryOnServer/id



5.401. To: \$TravelGoodPaidStateGetItineraryOut.itinerary5/id



5.402. Copy



5.403. From: \$ItineraryOnServer/state




5.404. To: \$TravelGoodPaidStateGetItineraryOut.itinerary5/state



5.405. Reply 'TravelGoodPaidStateReply'

	
name	TravelGoodPaidStateReply
partnerLink	PartnerLink1
operation	getItinerary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodPaidStateGetItineraryOut


5.406. OnMessage

	
partnerLink	PartnerLink1
operation	cancelltinrary
portType	ns3:TravelGoodWsdIPortType
variable	TravelGoodPaidCancelltinraryIn

5.407. Sequence 'Sequence13'

	
name	Sequence13

5.408. ForEach 'PaidStateForEachFlight'

	
name	PaidStateForEachFlight
parallel	no
counterName	ForEach1Counter


5.409. StartCounterValue: 1

	
---	--

5.410. FinalCounterValue: \$NumberOfFlights

	
---	--

5.411. Scope 'PaidStateCancelFlightsScope'


	
name	PaidStateCancelFlightsScope

5.412. Sequence 'Sequence14'

	
---	--

name	Sequence14
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5.413. Assign 'PaidStateCancelFlightAssign'

	
name	PaidStateCancelFlightAssign

5.414. Copy

	
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5.415. From:


\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:bookingNumber

	
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5.416. Editor

	
---	--

5.417. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.418. To: \$LameDuckCancelFlightIn.flightInfo/ns4:bookingNumber

	
---	--

5.419. Copy

	
---	--


5.420. From: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:flightPrice



5.421. Editor



5.422. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	from

5.423. To: \$LameDuckCancelFlightIn.flightInfo/ns4:price



5.424. Copy

=

5.425. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:cardNumber



5.426. To:
\$LameDuckCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:cardNumber



5.427. Copy

=

5.428. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:holderName



5.429. To:
\$LameDuckCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:holderName



5.430. Copy

=


5.431. From: \$TravelGoodBookItineraryIn.request10/creditcard/ns4:expirationDate




5.432. To:
\$LameDuckCancelFlightIn.flightInfo/ns4:creditCardInformation/ns4:expirationDate



5.433. Invoke 'LameDuckPaidStateCancelFlight'

	
name	LameDuckPaidStateCancelFlight
partnerLink	PartnerLink4
operation	cancelFlight
portType	tns:LameDuckPortType
inputVariable	LameDuckCancelFlightIn
outputVariable	LameDuckCancelFlightOut

5.434. Assign 'PaidStateCancelFlightAssign2'

	
name	PaidStateCancelFlightAssign2

5.435. Copy

	
---	--

5.436. From

	
variable	Unconfirmed


5.437. To: \$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]/ns4:state

	
---	--


5.438. Editor

	
---	--

5.439. Predicate

	
path	\$ItineraryOnServer/flights/ns4:flightInfo[\$ForEach1Counter]
source	to

5.440. ForEach 'PaidStateForEachHotel'

	
name	PaidStateForEachHotel
parallel	no
counterName	ForEach2Counter


5.441. StartCounterValue: 1



5.442. FinalCounterValue: \$NumberOfHotels




5.443. Scope 'PaidStateCancelHotelsScope'

	
name	PaidStateCancelHotelsScope

5.444. Sequence 'Sequence15'

	
name	Sequence15

5.445. Assign 'PaidStateCancelHotelAssign'

	
name	PaidStateCancelHotelAssign

5.446. Copy




5.447. From:
\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach2Counter]/ns5:bookingNumber



5.448. Editor




5.449. Predicate

	
path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach2Counter]
source	from


5.450. To: \$NiceViewPaidStateCancelHotelIn.input/ns5:bookingNumber



5.451. Invoke 'NiceViewPaidStateCancelHotel'

	
name	NiceViewPaidStateCancelHotel
partnerLink	PartnerLink5
operation	cancelHotel
portType	tns:NiceViewWSDLPortType
inputVariable	NiceViewPaidStateCancelHotelIn
outputVariable	NiceViewPaidStateCancelHotelOut

5.452. Assign 'PaidStateCancelHotelAssign2'

	
name	PaidStateCancelHotelAssign2

5.453. Copy



5.454. From

	
variable	Unconfirmed


5.455. To:
\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach2Counter]/ns5:state



5.456. Editor



5.457. Predicate

	
path	\$ItineraryOnServer/hotels/ns5:hotelInformations[\$ForEach2Counter]
source	to