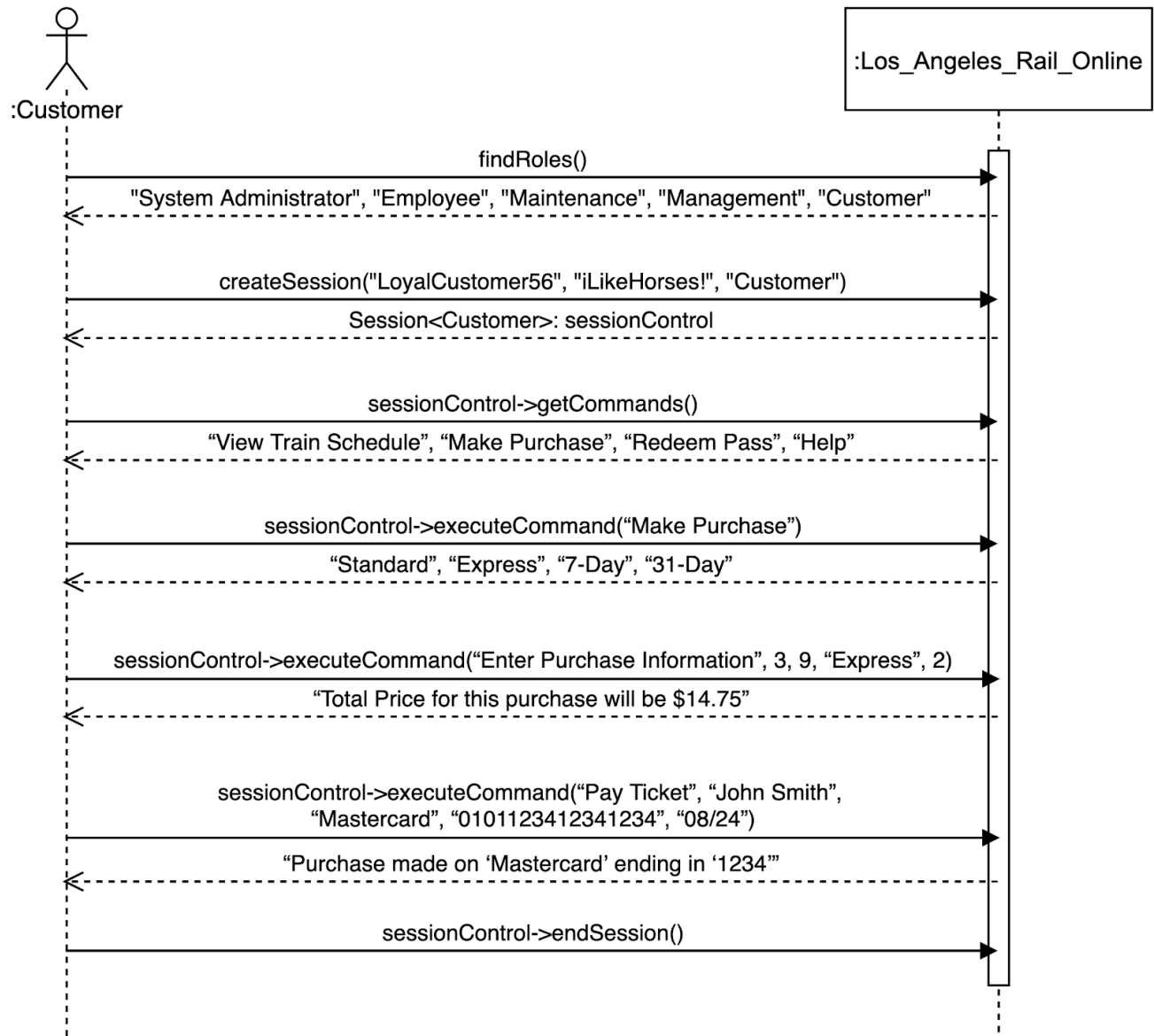


Scenario 1: Purchase Ticket

	Comment	System Event	Response
	Get an instance of the database	<code>_persistentData = Instance()</code>	Instance to the database
1.	Fetch Role legal value list	<code>_persistentData.findRoles()</code>	"System Administrator" "Employee" "Maintenance" "Management" "Customer"
2.	Validate user is authorized for this role, and start the session	<code>createSession("LoyalCustomer56", "iLikeHorses!", "Customer")</code>	Customer session started
3.	Fetch functionality options for this role	<code>sessionControl->getCommands()</code>	"View Train Schedule" "Make Purchase" "Redeem Pass" "Help"
4.	Fetch a list of available transactions that can be made (not implemented)	<code>executeCommand("Make Purchase")</code>	"Standard" "Express" "7-Day" "31-Day"
5.	Customer requests ticket(s) for a provided start stationID, end stationID, ticketType, and quantity.	<code>executeCommand("Enter Purchase Information", 3, 9, "Express", 2)</code>	"Total Price for this purchase will be \$14.75"
6.	Complete transaction for the current session's user	<code>executeCommand("Pay Ticket", "John Smith", "Mastercard", "0101123412341234", "08/24")</code>	"Purchase made on 'Mastercard' ending in '1234'"
7.	End session	<code>endSession()</code>	System exits

SSD 1: Purchase Ticket



Scenario 3: View Train Statistics

	Comment	System Event	Response
	Get an instance of the database	_persistentData = Instance()	Instance to the database
1.	Fetch Role legal value list	_persistentData.findRoles()	"System Administrator" "Employee" "Maintenance" "Management" "Customer"
2.	Validate user is authorized for this role, and start the session	createSession("Sam", "myPassword", "System Administrator")	System Administrator session started
3.	Fetch functionality options for this role	sessionControl->getCommands()	"Get Train Statistics" "View Train Schedules" "Get Current Employees"
4.	Fetch a set of data with statistics for the trains (not implemented)	executeCommand("Get Train Statistics")	"Train 1 From Los Angeles To Moorpark at 13:30" "Train 2 From Camarillo To Los Angeles at 15:00" ...
5.	Displays filtered data for selected train to the current session user	executeCommand("Filter Statistics", 5)	"Train 5 From Fullerton To Los Angeles at 14:30"
6.	End session	endSession()	System exits

SSD 3: View Train Statistics

