Kristen Beaufait - Assignment #6 - Mass Transit Simulation System UML Sequence Diagram - evaluate changes
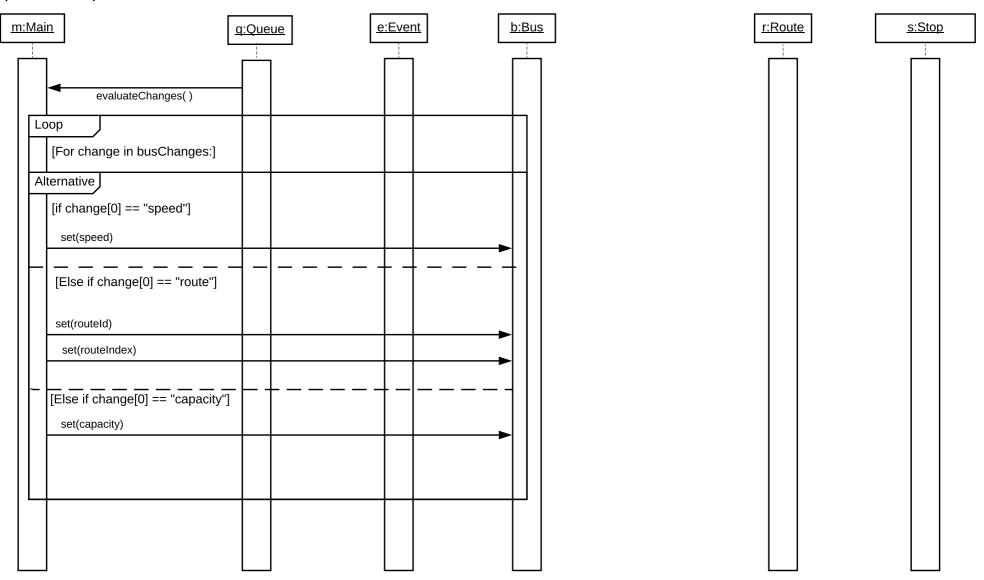**(UML Version 1.4)**

m:Main	q:Queue	e:Event	b:Bus	r:Route	s:Stop

evaluateChanges( )

Loop
[For change in busChanges:]

Alternative
[if change[0] == "speed"]

set(speed)

[Else if change[0] == "route"]

set(routeId)

set(routeIndex)

[Else if change[0] == "capacity"]

set(capacity)

evaluateChanges( ) loop through each string in the busChanges list. The string will be parsed with a comma delimiter. if the value of the first part of
the string, token[0], will be evaluated to determine which statements to execute.
Example: if one of the changes was to change speed to 25.3 for bus 53, the string would read "speed, 53, 25.3"
token[0] = "speed" is used to execute the set(speed)= 25.3 for bus with busId = 53.

route strings will look like "route. busId, routeId, routeIndex"
speed strings will look like: "speed, busId, speedvalue"
capacity strings will look like: "capacity, busId, capacityvalue"