# CS6310 - Assignment 6 - Additional Comments

Move_BUS sequence Diagram

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1. Due to space constraints, I've shown four calls to Stop class for calculateRidersArrive(), calculateRidersOff(), calculateRidersOn() and calculateRidersDepart() and the associated return values with a single arrow

2. computePassengerCounts() is not an actual method. It is just for illustration to show where the computation of waitingCount and ridersCount happens. In reality, no such method is required as everything needed for computation is already available and just inline code

3. addEventHistoryRecord() is not an actual method. It is just for illustration to show where the current system state is written to the List that will be used for rewind

General

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1. Every bus change request from user (speed, capacity and Route) sits in the HashMap 'changes' in corresponding Bus until the next event is processed. The HashMap is keyed with changeType which is a string

2. Rewind is made possible by evenHistoryItemList which will store strings made of comma separated values representing the specific item that is saved.
Eg- "busId, 6, passengercount, 15, route, 3, stopid, 5…"  etc.