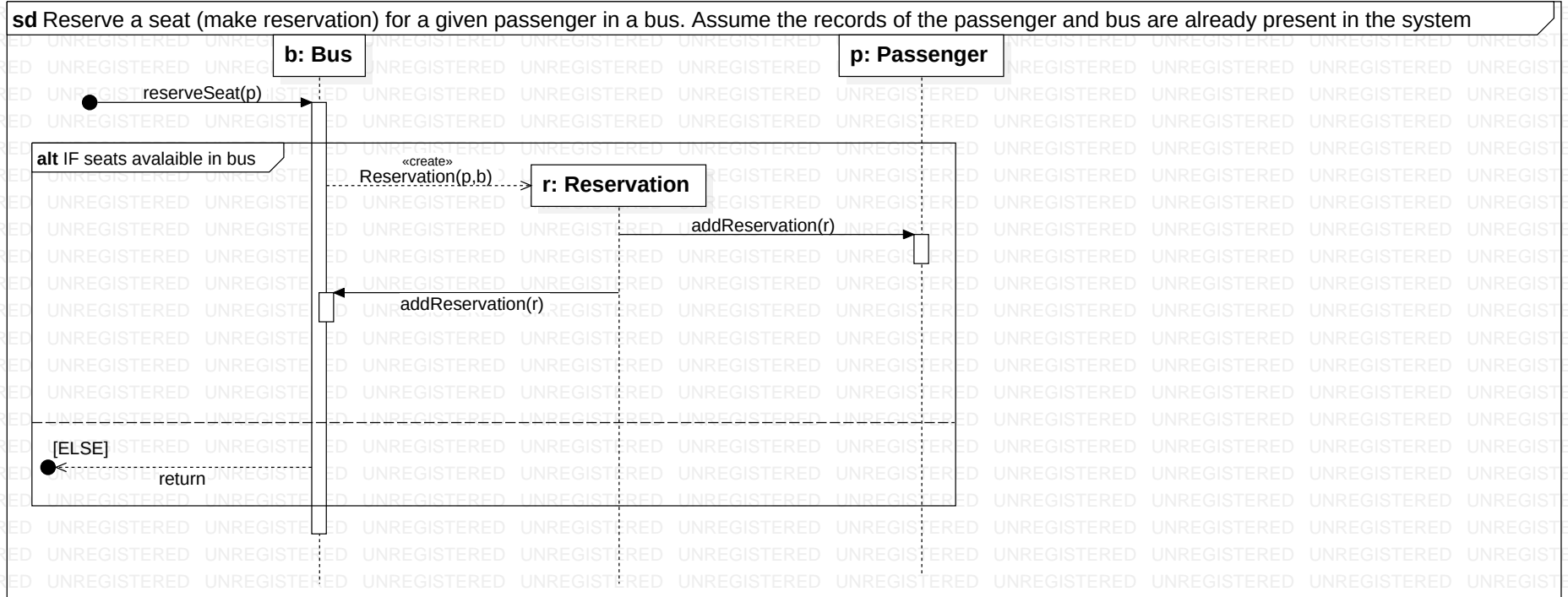


Question 1 Part 3



Explanation: There is a function `reserveSeat(p)` in Bus object which is called. This function takes Passenger object as an argument. The function checks if seats are available in the bus. If the seats are available, a call is made to the Constructor of Reservation Class which creates a new Reservation object. The Constructor of Reservation Class is passed with two arguments, the Passenger object and the Bus object. The Reservation object sets its pointers to the Bus object and Passenger object and also calls the `addReservation(r)` function in both the Passenger object and the Bus object so that both the Bus object and the Passenger object can point to the Reservation object. If seats are not available in the Bus object, the `reserveSeat(p)` function simply returns.