

contract AssEmp1 - addShiftsRequierments

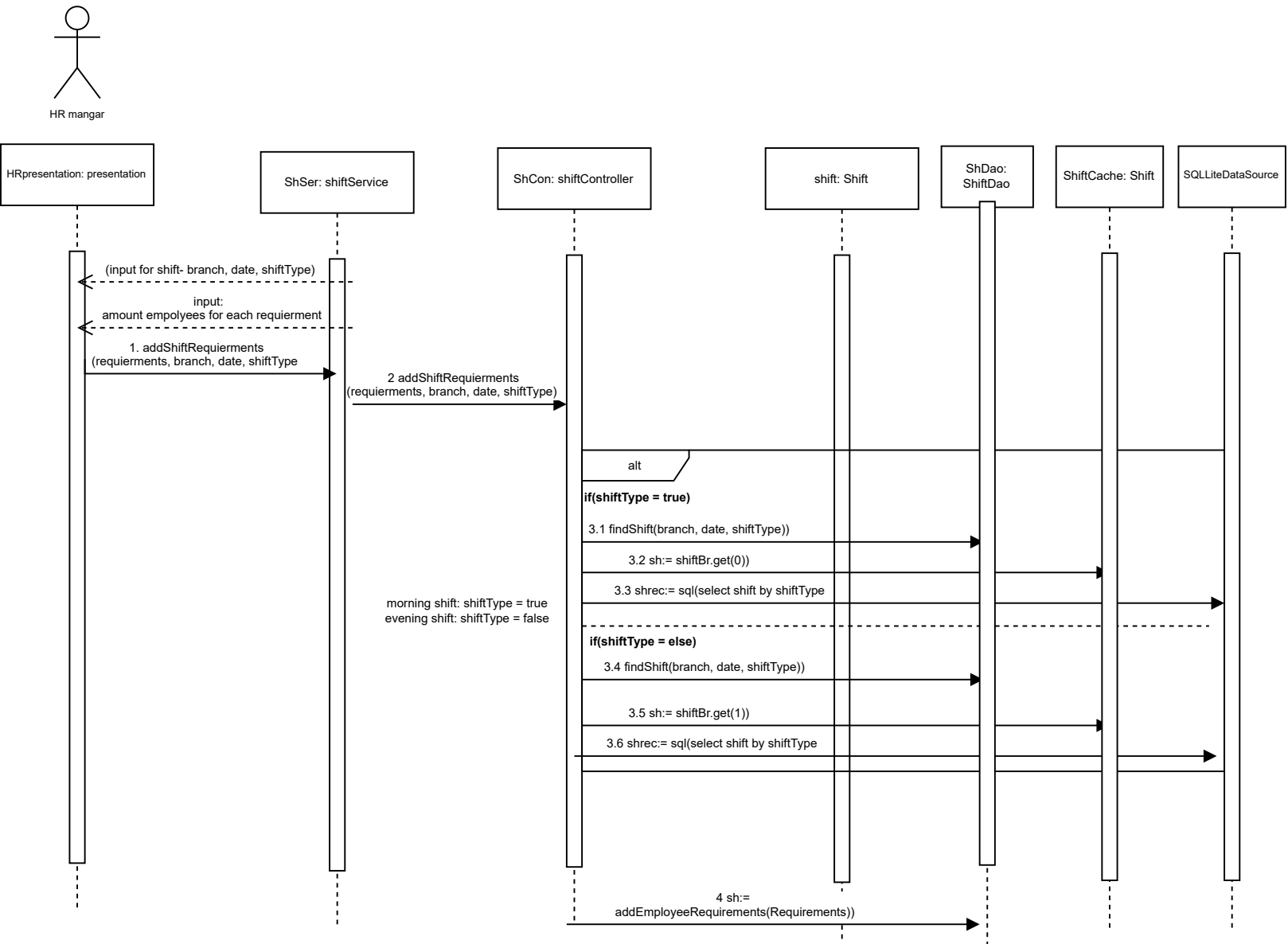
References: Use Cases: Assign employee to a shift

pre-condition:

- 1. There is exist shift in this date and shiftType (shift != null)
- 2. The number of employees needed for each position is >= 0.

post-condition:

- 1. If the number of employees for a such position before the the addition was x and y employees were added, then now there should be a total demand for x+y employees for the position



contract AssEmp2 - addSubmission(date, shifyType)

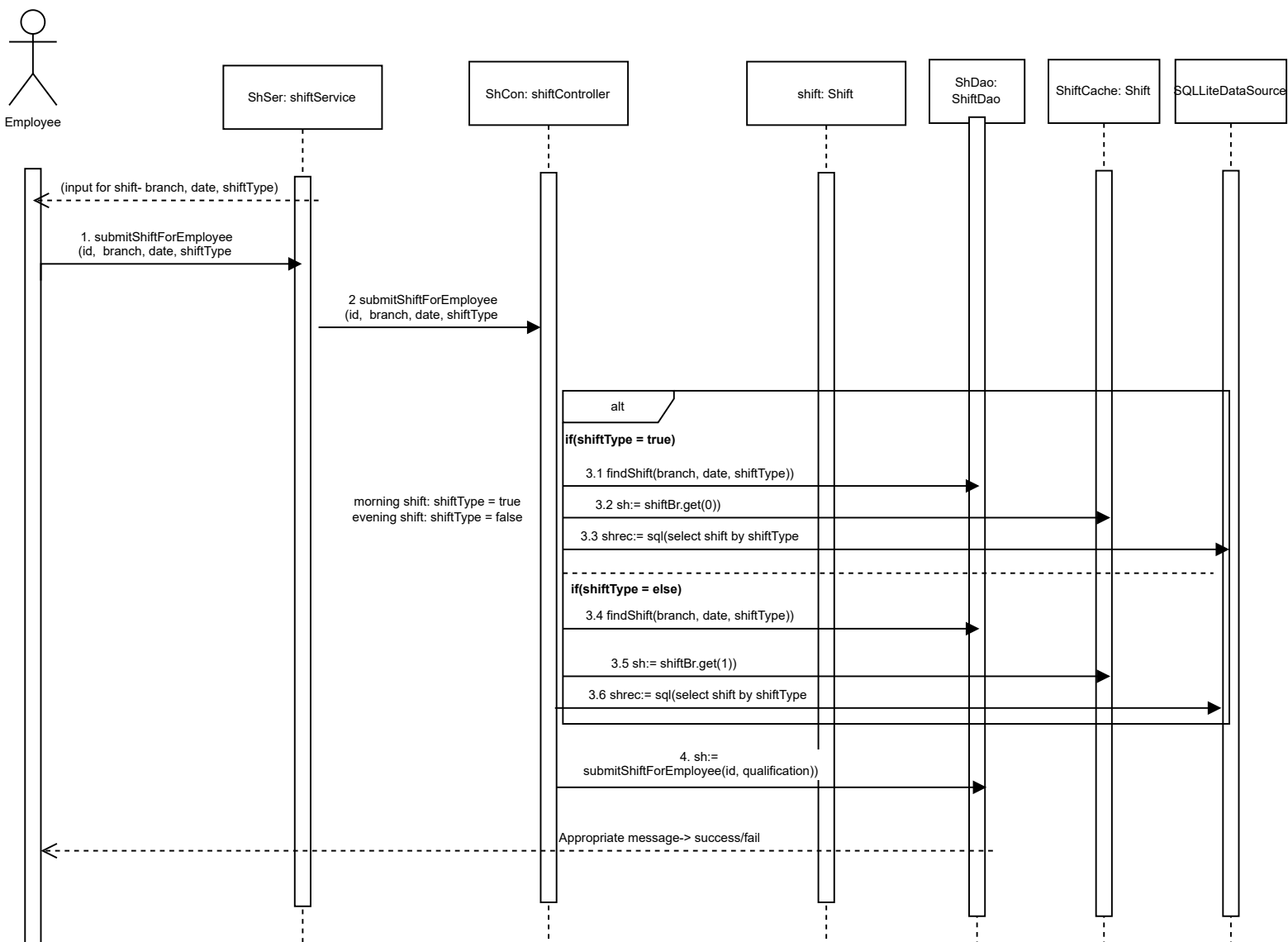
References: Use Cases: Assign employee to a shift

pre-condition:

1. The employee that add the submission is exist in the system- other
2. There is exist shift in this date and shiftType (shift != null)
3. There is at least one position that the employee is qualified to work in.
3. The employee has not yet submitted constraints for the shift - otherwise nothing will change

post-condition:

1. The system will submit a shift constraint for each position which the employee is qualified



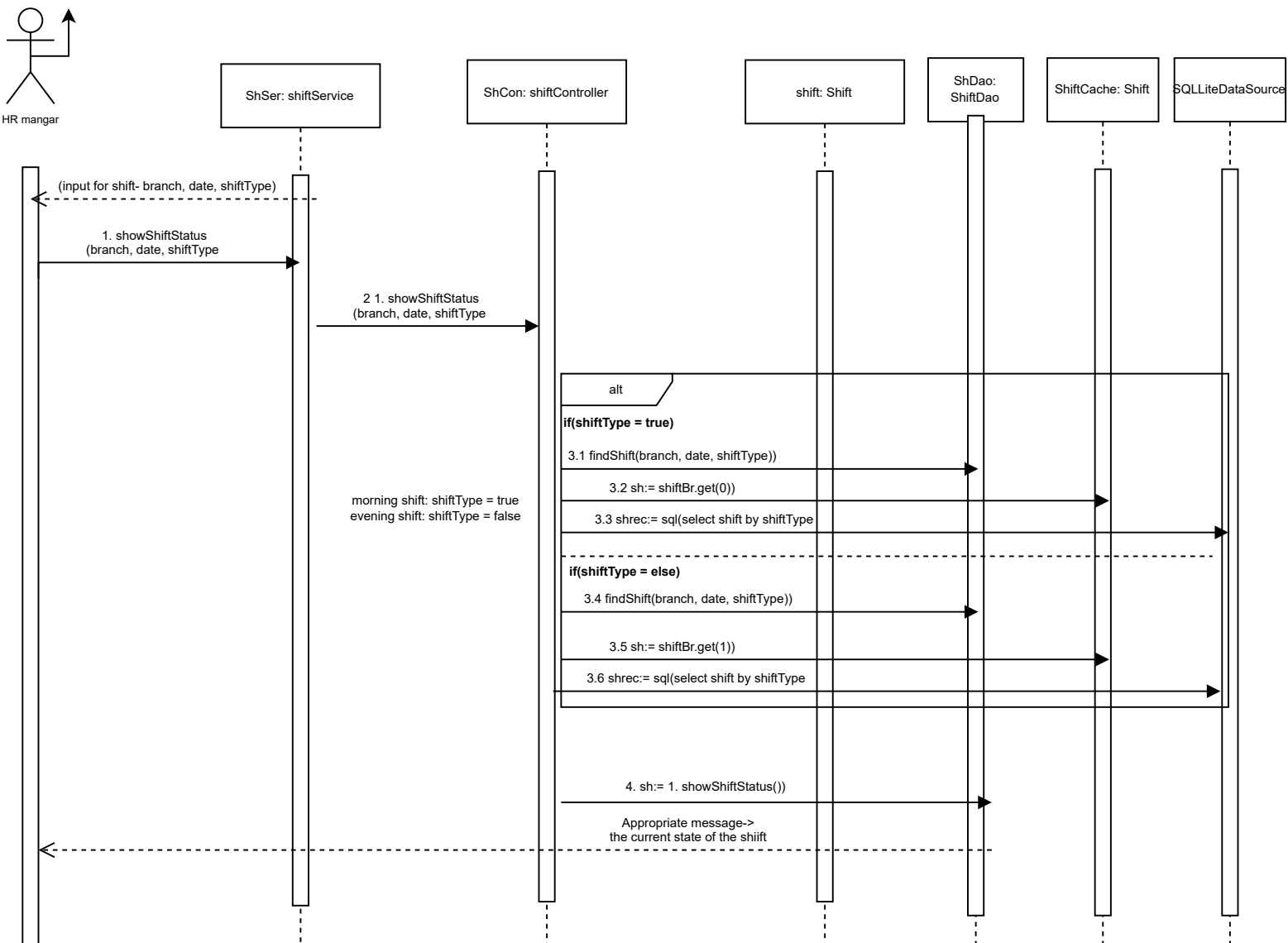
contract AssEmp3- showShiftStaus

References: Use Cases: Assign employee to a shift

pre-condition:

1. There is exist shift in this date and shiftType (shift != null)

post-condition: null



contract AssEmp4 - assignAll/assignManually

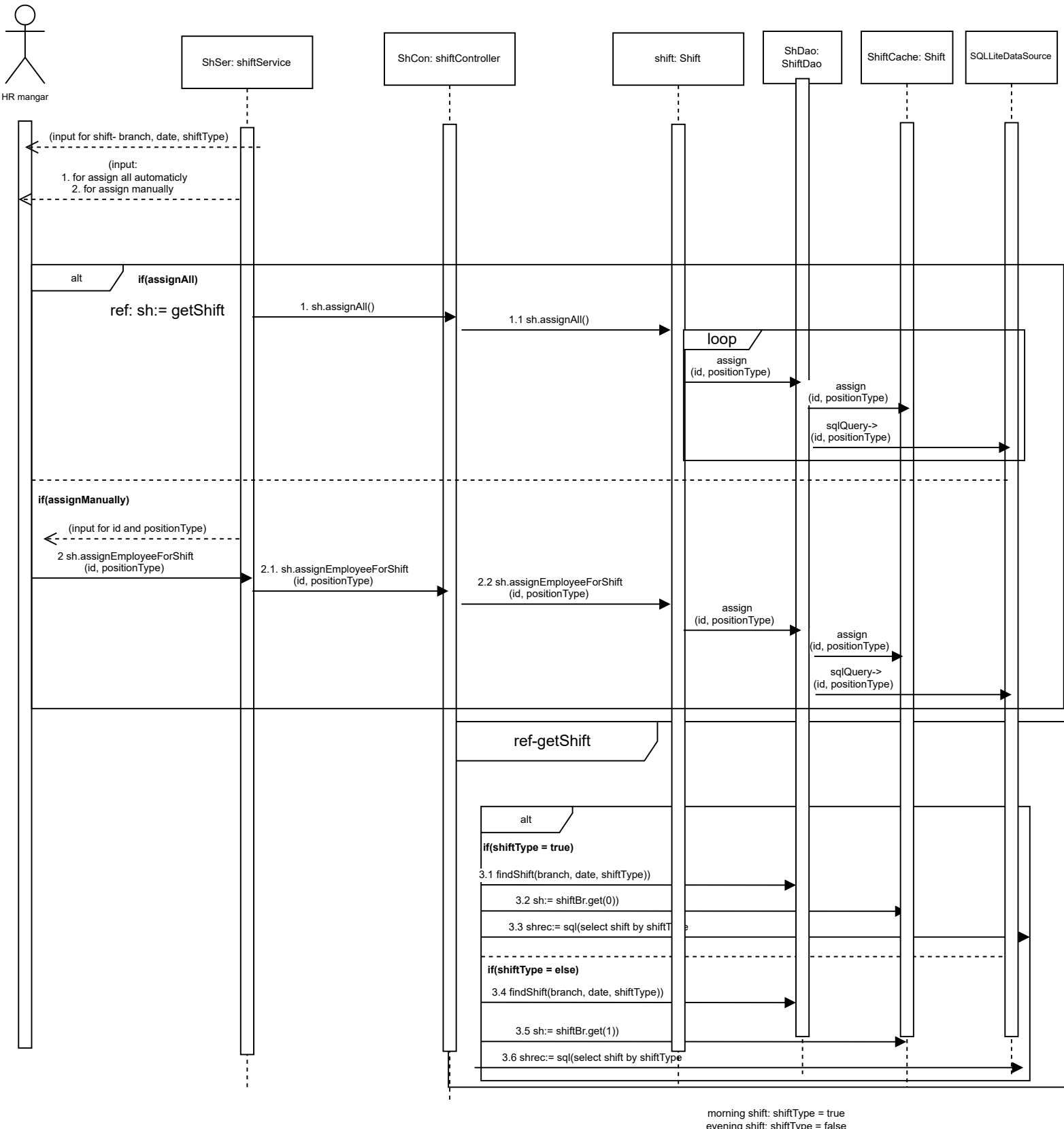
References: Use Cases: Assign employee to a shift

pre-condition:

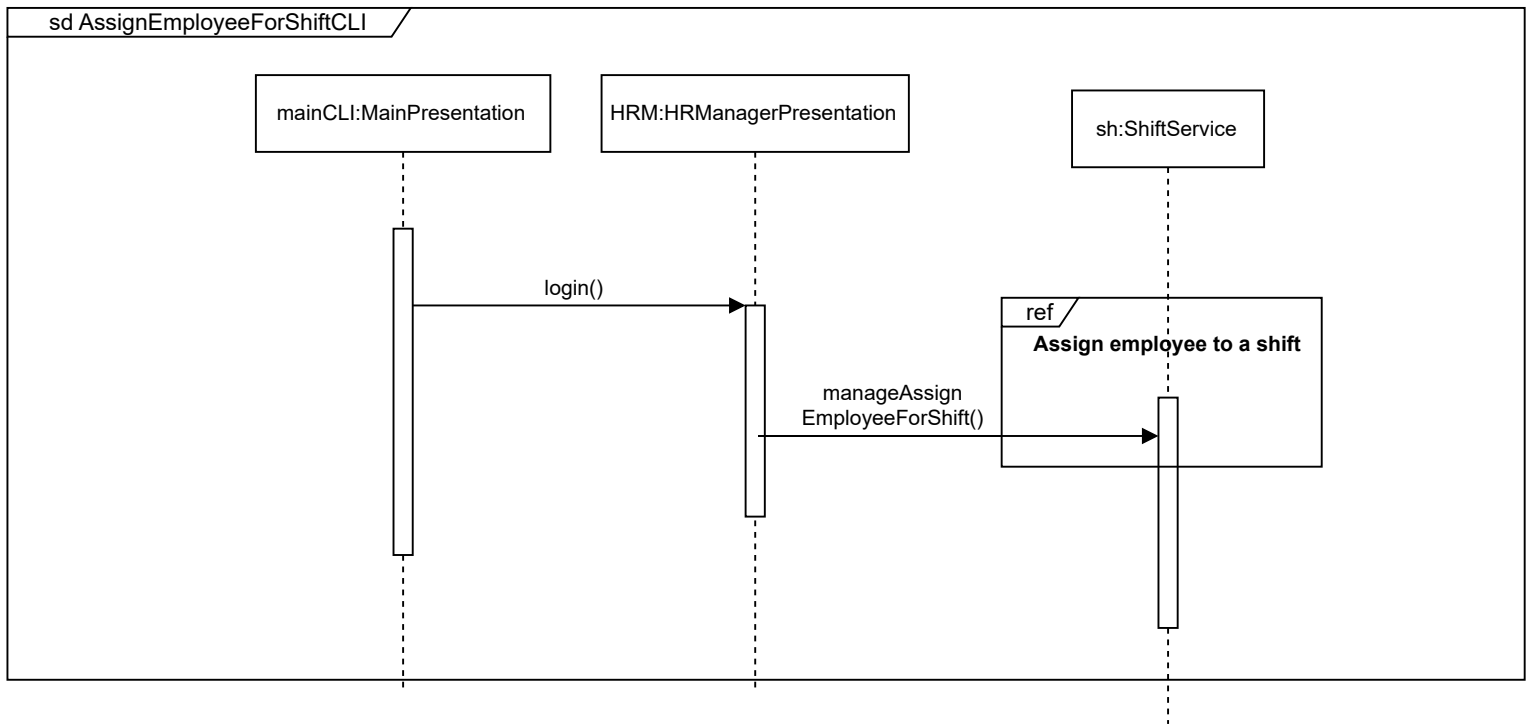
1. There is exist shift in this date and shiftType (shift != null)
2. There are employees in the system who submitted a constraint for the shift
3. The employees who submitted a constraint for any role are qualified to perform that role

post-condition:

1. Each employee is assigned to a maximum of one shift for that date.
2. Each employee is assigned a maximum of 6 shifts that week.



CLI



GUI

