Actual Result:

|  |
| --- |
| |-------------------------|  | Visualized timetable |  |------------|------------|------------|------------|------------|------------|------------|------------|  |Time |Monday |Tuesday |Wednesday |Thursday |Friday |Saturday |Sunday |  |------------|------------|------------|------------|------------|------------|------------|------------|  |0800-0850 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |0900-0950 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1000-1050 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1100-1150 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1200-1250 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1300-1350 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1400-1450 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1500-1550 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1600-1650 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1700-1750 | | | | |CS2332-C0A | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1800-1850 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1900-1950 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2000-2050 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2100-2150 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2200-2250 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  List of CRNs: [50005] |

Expected result:

|  |
| --- |
| |-------------------------|  | Visualized timetable |  |------------|------------|------------|------------|------------|------------|------------|------------|  |Time |Monday |Tuesday |Wednesday |Thursday |Friday |Saturday |Sunday |  |------------|------------|------------|------------|------------|------------|------------|------------|  |0800-0850 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |0900-0950 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1000-1050 |CS2112-T03 |CS2010-C0A |CS2201-C0A | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1100-1150 |CS3332-T0A |CS2010-C0A |CS2201-C0A | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1200-1250 | | |CS2205-T01 | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1300-1350 |CS3332-C0A |CS2010-T0A |CS2201-T0A |CS4321-T02 | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1400-1450 |CS3332-C0A | |CS2205-C0A | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1500-1550 |CS3332-C0A | | |CS4321-C01 |CS2332-L0A | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1600-1650 |CS2112-C0A | | |CS4321-C01 |CS2332-L0A | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1700-1750 |CS2112-C0A | | | |CS2332-C0A | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1800-1850 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |1900-1950 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2000-2050 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2100-2150 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  |2200-2250 | | | | | | | |  |------------|------------|------------|------------|------------|------------|------------|------------|  List of CRNs: [40018, 10003, 10001, 40013, 20006, 20008, 40015, 50002, 40011, 50001, 30014, 20011, 60002, 50005] |

V87 sortByStartTime, TimeGapConstraint are Wrong

V88 recovered

Faulty sortByStartTime method remove all timeslots except one from the object.

Faulty TimeGapConstraint did not tackle with the case of overlapping time slots (with default true).