

EmployeesService

ShiftsController

ShiftDAO

Shift

SQLExecutor

createWeekShift(startDate,branch)

createWeekShifts(startDate,branch)

loop

[for each date]

shiftExists(branch,date,shiftType)

false

alt

[valid shift dates]

loop

[for each date]

shift = create()

create(shift)

executeWrite(insertQuery)

database call

[a shift already exist]

true

invalid week, shifts already exist