

EmployeesService

ShiftsController

ShiftDAO

Shift

SQLExecutor

createWeekShift(weekStart,branch)

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loop

[for each date in week of weekStart]
[for each time in [Morning,Evening]]

shiftExists(branch,date,time)

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

error