

BreakPeriod(duration)



User

Controller

BreakTaskList

Start break timer

<<create>>

Timer

setDuration(duration)

start()

[timeRemaining > 0]

[!paused]
updateTimeRemaining()

timeRemaining

Display remaining time in break period

getTimeRemaining()

[pause timer]

Pause break timer

pause()

paused = true

Display "timer paused"

timeRemaining

[resume timer]

Resume break timer

resume()

paused = false

Display remaining time in break period

timeRemaining

[show break task list]

Show break task list

getTaskList()

Display break task list

taskList

[add item to list]

Add item (a) to break task list

addItemToList(a)

Display break task list

taskList

[remove item from list]

Remove item (a) from break task list

[a exists in BreakTaskList]
removeItemFromList(a)

Display break task list

taskList

Notification of break timer expiry