

sd How attendance is marked by the Guard for an employee

g: Guard

e: Employee

markAttendance(e)

«create»

addAttendanceRecord(date,entryTime,exitTime)

Attendance(date,entryTime,exitTime)

a: Attendance

Sequence
Diagram 5
(Heading
of the
sequence
diagram
specifies
the use
case
covered)

markAttendance(..) function of guard is called with Employee object as parameter. Guard object calls addAttendanceRecord(..) function of the Employee object with date, entryTime, and exitTime as parameters. The Employee object creates a new Attendance object by calling its constructor and saves this new Attendance object in its array of attendance records.