LeaveManagement385

+leaveFactory:LeaveFactory

+employeeFactory:EmployeeFactory

+sc:java.util.Scanner

+employeeFactory   +leaveFactory

EmployeeFactroy

+getEmployee(typeOfEmployee:String):Employee

LeaveFactroy

+getLeave():Leave

+getLeave(typeOfLeave:String):Leave

<<creates>>   <<creates>>

<<Abstract Class>>
Employee

+processLeave(leave:Leave)

<<implements>>   <<implements>>

TechLead

~higherLevel:String

+TechLead()
+processLeave(leave:Leave)

Director

+processLeave(leave:Leave)

<<implements>>

ProjectManager

~higherLevel:String

~ProjectManager()
+processLeave(leave:Leave)

<<Abstract Class>>
Leave

+TechLead()
+leaveStatus:String
+approvedBy:String
+requestDate:java.time.LocalDate
+approvalDate:java.time.LocalDate

~Leave(name:String)
+setApprovedBy(name:String)
+setApprovalDate()
+setLeaveStatus(status:String
+display()

<<implements>>   <<implements>>

VacationLeave

~startDate:java.time.LocalDate
~endDate:java.time.LocalDate

+VacationLeave(name:String)
+display()

CasualLeave

~reason:String

+CasualLeave(name:String)
+display()

<<implements>>

SickLeave

~SickLeave(name:String)