**Class Diagram for Payroll**

**1:1:2**

**Employee**

employeeid

name

designation

department

hiredate

bankaccount

calculateNetSalary()

applyLeave()

updateDetails()

**Leave**

leaveid

employeeid

leavetype

startdate

enddate

status

applyLeave()

approveLeave()

rejectLeave()

**Bank Details**

bankid

employeeid

account no.

bankname

updateBankDetails()

validateAccount()

**Salary**

basicsalary

bonussalary

calculateGrossSalary()

updateSalaryComponenets()

**1:M**

**1:M**

**Has**

**Payroll**

payrollid

employeeid

salarymonth

netsalary

dateprocessed

processSalary()

generatePaySlip()  
calculateDeductions()

**Attendance**

attendanceid

employeeid

month

dayspresent

leavestaken

markAttendance()

calculateWorking Days()

calculateLeaves()

**1:M**

**Department**

departmentid

departmentname

managername

addEmployee()

removeEmployee()