Model::Main

bean (from ems)

Employee (from bean)

-empID: String -empFirstName: String -empLastName: String -empDateOfBirth: Date -empDateOfJoining: Date -empDeptId: int -empGrade: String -empDesignation: String -empBasic: double -empGender: String -empMaritalStatus: String -empHomeAddress: String

-managerld: String « *Employee() +getEmpID(): String

-empContactNum: String

+setEmpID(empID: String): void +getEmpFirstName(): String +setEmpFirstName(empFirstName: String): void

+getEmpLastName(): String

+setEmpLastName(empLastName: String): void

+getEmpDateOfBirth(): Date +setEmpDateOfBirth(empDateOfBirth: Date): void

+getEmpDateOfJoining(): Date

+setEmpDateOfJoining(empDateOfJoining: Date): void +getEmpDeptId(): int

+setEmpDeptId(empDeptId: int): void

+getEmpGrade(): String +setEmpGrade(empGrade: String): void

+getEmpDesignation(): String

+setEmpDesignation(empDesignation: String): void

+getEmpBasic(): double

+setEmpBasic(empBasic: double): void

+getEmpGender(): String

+setEmpGender(empGender: String): void

+getEmpMaritalStatus(): String

+setEmpMaritalStatus(empMaritalStatus; String); void

+getEmpHomeAddress(): String

+setEmpHomeAddress(empHomeAddress: String): void +getEmpContactNum(): String

+setEmpContactNum(empContactNum: String): void

+getManagerId(): String

+setManagerId(managerId: String): void

User (from bean)

-userName: String -password: String -userId: String -userType: String

« »User()

+getUserId(): String +setUserId(userId: String): void

+getUserName(): String

+setUserName(userName: String): void

+getPassword(): String +setPassword(password: String): void

+getUserType(): String

+setUserType(userType: String): void

LeaveBean

(from bean)

-Leave_Id: int -Emp_id: String -leave balance: int -noofdays_applied: int -date from: Date -date to: Date -status: String

« *LeaveBean()

+getLeave Id(): int

+setLeave_Id(leave_Id: int): void

+getEmp_id(): String

+setEmp_id(emp_id: String): void

+getLeave balance(): int

+setLeave balance(leave balance: int): void

+getNoofdays applied(): int

+setNoofdays_applied(noofdays_applied: int): void

+getDate_from(): Date

+setDate_from(date_from: Date): void

+getDate_to(): Date

+setDate to(date to: Date): void

+getStatus(): String

+setStatus(status: String): void

pl (from ems) AdminConsole (from pl) EmployeeConsole (from pl) -aService: IAdminService -userName: String ~service: IEmployeeService ~dateFormat: SimpleDateFormat userName: String ~date: Date ~dateFormat: SimpleDateFormat ~date: Date * *AdminConsole(userName: String) *EmployeeConsole(userName: String) +start(): void +start(): void Main (from pl) +main(args: String[*]): void