

Country
Attributes
+ CountryID
+ CountryName
Operations
+ getAllEmployeesFor(int countryID)
+ getCountry(int id)

Class1
Attributes
Operations
+ CheckValidEmail()
+ CheckValidName()
+ IsValidBirthDate()
+ isValidPhone()
+ Operation1()

TimeLogs
Attributes
+ Attribute1
+ ClockIn
+ ClockOut
+ EmployeeID
+ LogDate
+ Status
+ TimeLogID
Operations
+ calculateWorkHours()
+ ClockIn()
+ ClockOut()
+ getAbsences()
+ getAttendanceSum...
+ getEarlyDepartures()
+ getLateArrivals()
+ getOvertimeHours()
+ getWorkHours()

Employee
Attributes
+ BirthDate
+ CountryID
+ CreatedAt
+ CreatedBy
+ DepartmentID
+ Email
+ FirstName
+ Gender
+ ID
+ IsActive
+ LastName
+ MaritalStatus
+ MiddleName
+ MobileNumber
+ PayRatePerHour
+ Phone
+ RegularHours
Operations
+ ActivateEmployee(activateNumber)
+ CheckEmployeeExists()
+ DeactivateEmployee(empID))
+ DeleteEmployee()
+ getCreatedBy(empID)
+ getEmpCountry(empID)
+ getEmployeeAge(empID)
+ GetEmployeeCount()
+ GetEmployees()
+ getInActiveEmployees()
+ Save()
+ SearchEmployee(string criteria())
+ setBirthDate(birthdate)
+ setCountry(countryID)
+ setEmail(email)
+ setFirstName(firstName)
+ setGender(gender)
+ setLastName(lastName)
+ setMiddleName(middleName)
+ setMobileNumber(mobileNumber)
+ setPhone(phone)
+ Update()

Leaves
Attributes
+ CreatedAt
+ EmployeeID
+ EndDate
+ LeaveID
+ LeaveType
+ StartDate
+ Status
Operations
+ approveLeaveReque...
+ approveTimeOffReq...
+ cancelLeaveRequest()
+ cancelLeaveRequest()
+ getApprovedLeaves()
+ getApprovedTimeOf...
+ getPendingTimeOff...
+ requestLeave()
+ requestTimeOff()

Department
Attributes
+ CreateAt
+ CreatedBy
+ DeptID
+ DeptName
Operations
+ Delete()
+ getDepartment(id)
+ getName()
+ Save()
+ Search()
+ setName(name)
+ Update()

GeneralSettings
Attributes
+ SettingID
+ SettingName
+ SettingValue
Operations
+ IsContainDigit()
+ IsContainsLetter()
+ IsMaxLegnth()
+ IsPasswordComplex()
+ Operation1()

Accounts
Attributes
+ CreatedAt
+ FullName
+ IsActive
+ Password
+ UserID
+ Username
Operations
+ authenticate(userna...
+ deactivate(username)
+ DeleteAccount()
+ getFullName()
+ getInActiveUsers()
+ isActive(username)
+ Save()
+ setPassword(passw...
+ setStatus(state())
+ setUsername(usern...
+ Update()