

EmployeeDAL + CreateConnection(): SqlConnection + InsertEmployee(newEmployee: Employee) : bool + GetEmployeeByID(id: int) : Employee + GetEmployeeByUsername(username: string) : Employee + GetEmployeeByEmail(email: string) : Employee + GetAll() : Employee[] + UpdateEmployee(employee: Employee) : bool + DeleteEmployee(id: int) : string + GetProfilePicByID(id: int) : string **IEmployeeDAL** + InsertEmployee(newEmployee: Employee) : bool + GetEmployeeByID(id: int) : Employee + GetEmployeeByUsername(username: string) : Employee + GetEmployeeByEmail(email: string) : Employee + GetAll() : Employee[] + UpdateEmployee(employee: Employee) : bool + DeleteEmployee(id: int) : string + GetProfilePicByID(id: int) : string **EmployeeController** + EmployeeController(employeeDAL: IEmployeeDAL) + AddEmployee(newEmployee: Employee) : bool + GetEmployeeByID(id: int) : Employee + GetEmployeeByUsername(username: string): Employee + GetEmployeeByEmail(email: string): Employee + GetAll() : Employee[] + UpdateEmployee(employee: Employee): bool + DeleteEmployee(id: int) : string + GetProfilePicByID(id: int) : string **Employee** - firstName: string - lastName: string - username: string - password: string email: string - gender: Gender - age: int + FirstName { get; set; } : string + LastName { get; set; } : string + Username { get; set; } : string + Password { get; set; } : string + Email { get; set; } : string

+ Employee(firstName: string, lastName: string, username: string, password: string, email: string, gender: G.

+ Gender { get; set; } : Gender

+ Age { get; set; } : int

+ SetId(id: int) : void

+ ToString() : string

+ Employee()

+ GetId() : int

+ Email { get; set; } : string