# Documentation for src\main\java\com\example\EmployeeManagementSystem\controller\ControllerEmployee.java

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Language: java

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# Function: createEmployee

## Description

This function is used to create a new employee in the Employee Management System.

## Parameters

* dtaEmployee: The employee data that includes information such as name, email, department, and position.

## Usage Example

Employee newEmployee = new Employee("John Doe", "john.doe@example.com", "Sales", "Manager");

createEmployee(newEmployee);

## Important Notes

* Make sure to provide all necessary information in the dtaEmployee parameter to successfully create a new employee.
* This function does not handle duplicate employee entries, so ensure that the employee being created is unique.\n\n---\n\n# findById Function Documentation

## Description

The findById function is used to retrieve an employee's information based on their unique ID.

## Parameters

* `id`: The unique identifier of the employee whose information needs to be retrieved.

## Usage Example

Employee employee = findById(123);

System.out.println(employee);

## Important Notes

* Make sure to pass a valid ID as a parameter to retrieve the correct employee information.
* This function is located in the ControllerEmployee.java file at lines 30-35.\n\n---\n\n# findAllEmployee Function Documentation

## Description

The findAllEmployee function retrieves a list of all employees from the Employee Management System.

## Parameters

None

## Usage Example

List<Employee> allEmployees = findAllEmployee();

for(Employee employee : allEmployees) {

System.out.println(employee.getName());

}

## Important Notes

* This function does not require any parameters and simply returns a list of all employees in the system.\n\n---\n\n# updateEmployee Function

## Description

This function updates an employee's information in the Employee Management System.

## Parameters

* id: The unique identifier of the employee to be updated.
* updatedemployee: The updated information of the employee.

## Usage Example

updateEmployee(123, new Employee("John Doe", "john.doe@example.com", "Manager"));

## Important Notes

* Make sure to provide the correct id of the employee to be updated.
* The updatedemployee parameter should be an instance of the Employee class with the updated information.\n\n---\n\n# deleteEmployee Function

## Description

The deleteEmployee function is used to remove an employee from the Employee Management System based on their unique identifier (id).

## Parameters

* `id`: The unique identifier of the employee to be deleted.

## Usage Example

deleteEmployee(123);

## Important Notes

* This function will permanently remove the employee from the system and cannot be undone.
* Ensure that the correct id is provided to avoid deleting the wrong employee.\n\n---\n\n