**Employee class:**

**import** org.springframework.data.annotation.Id;

**import** org.springframework.data.mongodb.core.mapping.Document;

@Document("Employee")

**public** **class** Employee {

@Id

**private** String employeeId;

**private** String employeeName;

**private** String employeeDepartment;

**private** String employeeDesignation;

**private** Double employeeSalary;

**public** Employee(String employeeName, String employeeDepartment, String employeeDesignation, Double employeeSalary) {

**super**();

**this**.employeeName = employeeName;

**this**.employeeDepartment = employeeDepartment;

**this**.employeeDesignation = employeeDesignation;

**this**.employeeSalary = employeeSalary;

}

**public** String getEmployeeId() {

**return** employeeId;

}

**public** String getEmployeeName() {

**return** employeeName;

}

**public** String getEmployeeDepartment() {

**return** employeeDepartment;

}

**public** String getEmployeeDesignation() {

**return** employeeDesignation;

}

**public** Double getEmployeeSalary() {

**return** employeeSalary;

}

**public** **void** setEmployeeId(String employeeId) {

**this**.employeeId = employeeId;

}

**public** **void** setEmployeeName(String employeeName) {

**this**.employeeName = employeeName;

}

**public** **void** setEmployeeDepartment(String employeeDepartment) {

**this**.employeeDepartment = employeeDepartment;

}

**public** **void** setEmployeeDesignation(String employeeDesignation) {

**this**.employeeDesignation = employeeDesignation;

}

**public** **void** setEmployeeSalary(Double employeeSalary) {

**this**.employeeSalary = employeeSalary;

}

@Override

**public** String toString() {

**return** "Employee [employeeId=" + employeeId + ", employeeName=" + employeeName + ", employeeDepartment="

+ employeeDepartment + ", employeeDesignation=" + employeeDesignation + ", employeeSalary="

+ employeeSalary + "]";

}

}

Controller class:

**import** java.util.List;

**import** java.util.Optional;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.web.bind.annotation.DeleteMapping;

**import** org.springframework.web.bind.annotation.GetMapping;

**import** org.springframework.web.bind.annotation.PathVariable;

**import** org.springframework.web.bind.annotation.PostMapping;

**import** org.springframework.web.bind.annotation.PutMapping;

**import** org.springframework.web.bind.annotation.RequestBody;

**import** org.springframework.web.bind.annotation.RequestMapping;

**import** org.springframework.web.bind.annotation.RestController;

@RestController

@RequestMapping("/employee")

**public** **class** EmployeeController {

@Autowired

EmployeeRepository eRepo;

@PostMapping("/add")

**public** Employee addEmployee(@RequestBody Employee emp){

Employee e = eRepo.save(emp);

**return** e;

}

@GetMapping("/find/{id}")

**public** Optional<Employee> searchEmployeeById(@PathVariable("id") String id){

Optional<Employee> e = eRepo.findById(id);

**return** e;

}

@DeleteMapping("/delete/{id}")

**public** String deleteEmployeeById(@PathVariable("id") String id){

eRepo.deleteById(id);

**return** "Employee " + id + " deleted!";

}

@GetMapping("/findall")

**public** List<Employee> findEmployees(){

**return** (List<Employee>) eRepo.findAll();

}

@PutMapping("/update")

**public** Employee updateEmployee(@RequestBody Employee emp){

Employee e = eRepo.save(emp);

**return** e;

}

}

Repository:

**import** org.springframework.data.repository.CrudRepository;

**public** **interface** EmployeeRepository **extends** CrudRepository<Employee, String> {

}

Main class:

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

**import** org.springframework.data.mongodb.repository.config.EnableMongoRepositories;

@SpringBootApplication

@EnableMongoRepositories

**public** **class** EmployeeManagement {

**public** **static** **void** main(String[] args) {

SpringApplication.*run*(EmployeeManagement.**class**, args);

}

}