```java
package com.restaurant.controller;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.CrossOrigin;
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;

import com.restaurant.pojo.Admin;
import com.restaurant.service.AdminService;

@RestController
@CrossOrigin(origins = "*")
@RequestMapping("/admin")
public class AdminController {
	@Autowired
	AdminService adminService;

	@PostMapping("/register")
```

```java
    public String registerAdmin(@RequestBody Admin admin) {

        Admin testAdmin1 =
adminService.getAdminByEmail(admin.getEmail());

        if (testAdmin1 != null)

            return "Email already exists!";

        Admin testAdmin2 =
adminService.getAdminByEmployeeId(admin.getEmployeeId());

        if (testAdmin2 != null)

            return "Employee ID already exists!";

        adminService.registerAdmin(admin);

        return "Registered Successfully! Login to continue";

    }


    @PostMapping("/login")

    public String loginAdminCheck(@RequestBody Admin admin) {

        return
adminService.checkAdminCredentials(admin.getEmail(),admin.getPassword());

    }


    @GetMapping("/employeeId/{adminEmployeeId}")

    public Admin getAdminByEmployeeId(@PathVariable String
adminEmployeeId) {

        adminEmployeeId= adminEmployeeId.substring(1,
adminEmployeeId.length()-1);

        return adminService.getAdminByEmployeeId(adminEmployeeId);

    }


    @PutMapping("/update")
```

```java
        public String updateAdmin(@RequestBody Admin admin) {

                if(adminService.updateAdmin(admin)!=null)

                return "done";

                return "0";

        }

}
```

Admin.java

```java
package com.restaurant.pojo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Entity

@Data

public class Admin {

        @Id
```

```java
@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long adminId;

private String name;

@Column(unique = true)

private String email;

@Column(unique = true)

private String employeeId;

private String password;

public Long getAdminId() {

        return adminId;

}

public void setAdminId(Long adminId) {

        this.adminId = adminId;

}

public String getName() {

        return name;

}

public void setName(String name) {

        this.name = name;

}

public String getEmail() {

        return email;

}

public void setEmail(String email) {

        this.email = email;

}
```

```java
public String getEmployeeId() {

        return employeeId;

}

public void setEmployeeId(String employeeId) {

        this.employeeId = employeeId;

}

public String getPassword() {

        return password;

}

public void setPassword(String password) {

        this.password = password;

}

@Override

public String toString() {

        return "Admin [adminId=" + adminId + ", name=" + name + ",
email=" + email + ", employeeId=" + employeeId

                        + ", password=" + password + "]";

}

public Admin(Long adminId, String name, String email, String
employeeId, String password) {

        super();

        this.adminId = adminId;

        this.name = name;

        this.email = email;

        this.employeeId = employeeId;

        this.password = password;

}
```

```java
        public Admin() {

                super();

                // TODO Auto-generated constructor stub

        }

}
```

```java
package com.restaurant.repo;

import org.springframework.data.jpa.repository.JpaRepository;

import com.restaurant.pojo.Admin;

public interface AdminRepo extends JpaRepository<Admin, Long> {


        Admin findByEmail(String email);

        Admin findByEmployeeId(String employeeId);

        Admin findByEmailAndPassword(String email, String password);


}
```

```java
package com.restaurant.service;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.restaurant.pojo.Admin;
import com.restaurant.repo.AdminRepo;

@Service
public class AdminService {
    @Autowired
    AdminRepo adminRepo;

    public Admin getAdminByEmail(String email) {
        return adminRepo.findByEmail(email);
    }

    public void registerAdmin(Admin admin) {
        adminRepo.save(admin);
    }

    public Admin getAdminByEmployeeId(String employeeId) {
        return adminRepo.findByEmployeeId(employeeId);
    }
}
```

```java
public String checkAdminCredentials(String email, String password) {
    Admin admin = adminRepo.findByEmailAndPassword(email, password);
    if (admin == null)
        return "invalid";
    else
        return admin.getEmployeeId();
}


public Admin updateAdmin(Admin admin) {
    return adminRepo.save(admin);
}
}
```