```java
 1 package com.project.Hospital.controller;
 2
 3 import java.util.List;
 4
 5 import org.springframework.beans.factory.annotation.Autowired;
 6 import org.springframework.web.bind.annotation.DeleteMapping;
 7 import org.springframework.web.bind.annotation.GetMapping;
 8 import org.springframework.web.bind.annotation.PathVariable;
 9 import org.springframework.web.bind.annotation.PostMapping;
10 import org.springframework.web.bind.annotation.PutMapping;
11 import org.springframework.web.bind.annotation.RequestBody;
12 import org.springframework.web.bind.annotation.RequestMapping;
13 import org.springframework.web.bind.annotation.RestController;
14
15 import com.project.Hospital.Entity.Doctor;
16 import com.project.Hospital.Entity.Employee;
17 import com.project.Hospital.Entity.Patient;
18 import com.project.Hospital.service.EmployeeService;
19
20 @RestController
21 public class EmployeeController {
22     @Autowired
23     EmployeeService service;
24
25     @RequestMapping("h")
26     public String name() {
27         return "utdywhx";
28     }
29     //1
30     @GetMapping("empall")
31     public List<Employee> getEmpData() {
32         return service.getEmpData();
33     }
34
35     //2
36     @PostMapping("empin")
37     public String inserEmpData(@RequestBody List<Employee> al) {
38     String  s=service.inserEmpData(al);
39
40         return s ;
41     }
42
43     //3 check
44     @GetMapping("empstart/{s}")
45     public List<Employee> getDatastart(@PathVariable String s) {
46         System.out.println(s+"in empstart");
47         return service.getDatastart(s);
48     }
49
50      //4
51      @GetMapping("empId/{a}")
52     public Employee getDataById(@PathVariable int a) {
53     return service.getDataById(a);
54     }
55
56      //5
57      @GetMapping("empId")
58     public Employee getDataId(@RequestBody int a) { return
59     service.getDataById(a);
60     }
61
62      //6 check
63      @PutMapping("empupdate/salary")
64     public Employee updateEmpsalary(@RequestBody Employee e)
```

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 65          { Employee ee= service.updateEmpsalary(e);
 66          return ee;
 67          }
 68          //7 error
 69
 70          @PutMapping("empupdate/name")
 71          public Employee updateEmpData(@RequestBody Employee e)
 72          { Employee ee= service.updateEmpData(e);
 73
 74          return ee;
 75
 76          } //8
 77
 78          @DeleteMapping("empdelete/{a}")
 79          public String delete(@PathVariable int a)
 80          {
 81          return service.delete(a) ;
 82          }
 83          //9
 84
 85          @DeleteMapping("/empdelete")
 86          public String deleteemp(@RequestBody int a) {
 87          return service.delete(a) ;
 88          } //10
 89
 90          @GetMapping("/Idmore/{s}")
 91          public List<Employee> getmorethanId(@PathVariable int s) {
 92              return service.getmorethanId(s);
 93          } //11
 94
 95          @GetMapping("/Idless/{s}") public List<Employee> getlessthanId(@PathVariable
    int s) {
 96              return service.getlessthanId(s);
 97          }
 98
 99          //12
100          @GetMapping("/salarymore/{s}")
101          public List<Employee> getlessthansalry(@PathVariable String s) {
102              return service.getlessthansalry(s);
103          }
104
105          //13
106          @GetMapping("/salaryless/{s}")
107          public List<Employee> getmorethansalry(@PathVariable String s) {
108              return service.getmorethansalry(s);
109          }
110
111          //14
112          @GetMapping("/nameend/{s}")
113          public List<Employee> getendWithname(@PathVariable String s) {
114              System.out.println("yes");
115              System.out.println(s);
116              return null;
117          }
118
119          //15
120          @GetMapping("/notId/{a}")
121          public List<Employee> getdataNOId(@PathVariable int  a) {
122              return service.getdataNOId(a);
123          }
124
125          //16
126          @GetMapping("/salaryasc")
127          public  List<Employee> orderasc() {
```

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128            List<Employee> e1=service.orderlist();
129          return e1;
130        }
131
132      //17
133        @GetMapping("/salarydsc")
134        public  List<Employee> orderdsc() {
135            List<Employee> e1=service.orderdsc();
136          return e1;
137        }
138
139      //17
140        @GetMapping("/Notnull")
141        public  List<Employee> ifnull(@RequestBody String s) {
142            List<Employee> e1=service.ifnull(s);
143          return e1;
144        }
145        //18
146        @GetMapping("/isname/{s}")
147        public List<Employee> namecon(@PathVariable String s) {
148            return service.namecon(s);
149        }
150      //19
151        @GetMapping("/Notempty")
152        public  List<Employee> ifnotempty() {
153            List<Employee> e1=service.ifnotempty();
154          return e1;
155        }
156
157      //20
158        @GetMapping("/bet")
159        public  List<Employee> bet(@RequestBody List<Integer> al) {
160
161            List<Employee> e1=service.bet(al);
162          return e1;
163        }
164      //21
165        @GetMapping("/doctorall")
166        public List<Doctor> getDoctorData() {
167            return service.getDoctorData();
168        }
169        //22
170        @PostMapping("/doctorin")
171        public String insertdoctor(@RequestBody List<Doctor> al) {
172            String msg=service.insertdoctor(al);
173            return msg;
174        }
175        //23
176        @PutMapping("/update/dname")
177        public Doctor updatedoctor(@RequestBody Doctor al) {
178            return service.updatedoctor(al);
179        }
180      //24
181        @GetMapping("/doctordept")
182        public List<Doctor> ddepartment(@RequestBody String s) {
183            return service.ddepartment(s);
184        }
185        //25
186        @GetMapping("/dblood")
187        public List<Doctor> dblood(@RequestBody String s) {
188            return service.dblood(s);
189        }
190        //26
191        @GetMapping("/pall")
```

```java
192         public List<Patient> getPaienenteData() {
193             return service.getPaienenteData();
194          }
195        //27
196        @PostMapping("pin")
197        public String insertpatient(@RequestBody Patient al) {
198            Patient s= service.insertpatient(al);
199            return s+" is added";
200        }
201        //28
202        @GetMapping("/pname")
203        public List<Patient> getPaienentebyname(@RequestBody String nav) {
204
205             return service.getPaienentebyname(nav);
206         }
207     //29
208        @GetMapping("/pdoct")
209        public List<Patient> getPaienentebydoc(@RequestBody String nav) {
210
211             return service.getPaienentebydoc(nav);
212         }
213        //30
214        @GetMapping("/pbill")
215        public int getPaienentbill(@RequestBody String nav) {
216             return service.getPaienentbill(nav);
217         }
218 }
219
```