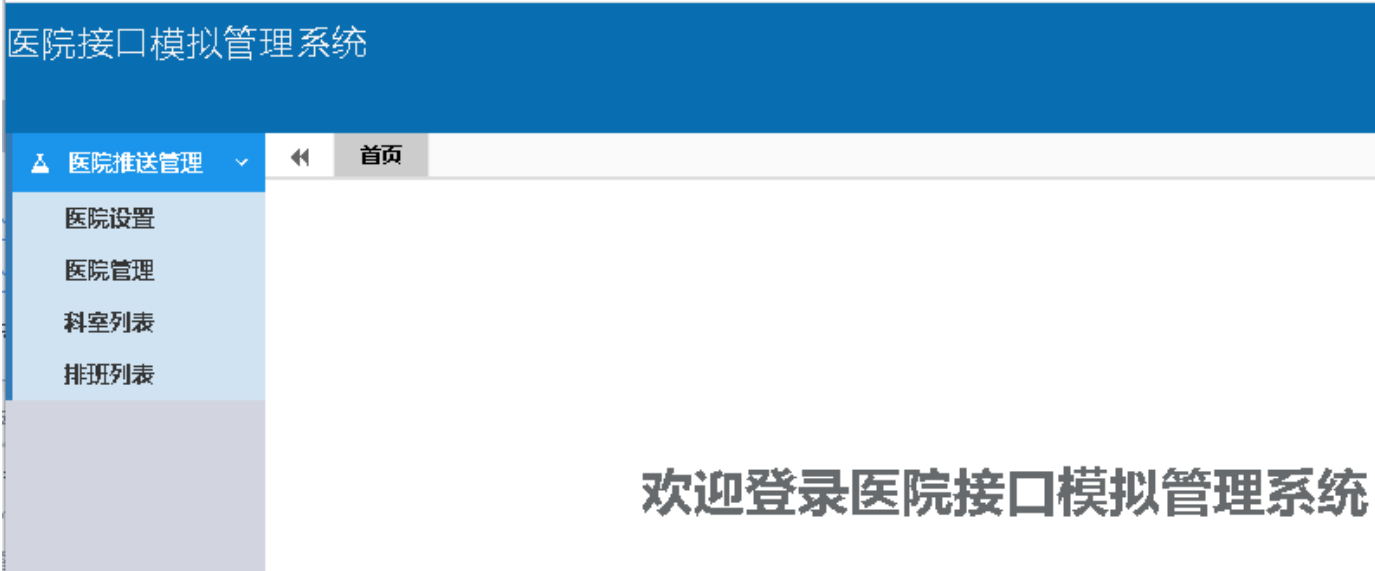


# 一、部署医院模拟系统

- 1、参考《医院接口模拟系统.docx》进行接口测试与数据上传
- 2、参考《尚医通API接口文档.docx》业务接口进行接口开发



## 二、搭建接口环境

### 1、集成MongoDB

#### 1.1 引入依赖

```
1 <dependencies>
2   <dependency>
3     <groupId>org.springframework.boot</groupId>
4     <artifactId>spring-boot-starter-data-mongodb</artifactId>
5   </dependency>
6 </dependencies>
```

#### 1.2 添加配置

```
1 spring.data.mongodb.uri=mongodb://192.168.44.165:27017/test
```

## 2、添加医院基础类

### 2.1 添加model

```
1 @Data
2 @ApiModel(description = "Hospital")
3 @Document("Hospital")
4 public class Hospital extends BaseMongoEntity {
5     private static final long serialVersionUID = 1L;
6
7     @ApiModelProperty(value = "医院编号")
8     @Indexed(unique = true) //唯一索引
9     private String hoscode;
10
11     @ApiModelProperty(value = "医院名称")
12     @Indexed //普通索引
13     private String hosname;
14
15     @ApiModelProperty(value = "医院类型")
16     private String hostype;
17
18     @ApiModelProperty(value = "省code")
19     private String provinceCode;
20
21     @ApiModelProperty(value = "市code")
22     private String cityCode;
23
24     @ApiModelProperty(value = "区code")
25     private String districtCode;
26
27     @ApiModelProperty(value = "详情地址")
28     private String address;
29
30     @ApiModelProperty(value = "医院logo")
31     private String logoData;
32
33     @ApiModelProperty(value = "医院简介")
34     private String intro;
35
36     @ApiModelProperty(value = "坐车路线")
```

```

37     private String route;
38
39     @ApiModelProperty(value = "状态 0: 未上线 1: 已上线")
40     private Integer status;
41
42     //预约规则
43     @ApiModelProperty(value = "预约规则")
44     private BookingRule bookingRule;
45     public void setBookingRule(String bookingRule) {
46         this.bookingRule = JSONObject.parseObject(bookingRule, BookingRule.class);
47     }
48 }

```

## 2.2 添加Repository

```

1 @Repository
2 public interface HospitalRepository extends MongoRepository<Hospital,String> {
3
4 }

```

## 2.3 添加service

```

1 public interface HospitalService {
2 }
3
4 @Service
5 public class HospitalServiceImpl implements HospitalService {
6     @Autowired
7     private HospitalRepository hospitalRepository;
8 }

```

## 2.4 添加controller

```

1 @Api(tags = "医院管理API接口")

```

```
2 @RestController
3 @RequestMapping("/api/hosp")
4 public class ApiController {
5
6     @Autowired
7     private HospitalService hospitalService;
8
9 }
```

说明：平台对外开发的接口都写在该Controller类