## 1.用户增加接口：

|  |  |
| --- | --- |
| URL | http://localhost:8080/SunshineAirlines/addUser?email=param1&firstName=param2&lastName=param3&gender=param4&dateOfBirth=param5&phone=param6&photo=param7&address=param8&roleId=param9 |
| Sample URL | http://localhost:8080/SunshineAirlines/addUser?email=jack@126.com&firstName=alex&lastName=snos&gender=F&dateOfBirth=1988-01-01&phone=13800138000&photo=alexphoto&address=wuhan&roleId=1 |
| Method | POST |
| URL Params | email：邮箱  firstName：名  lastName：姓  gender: 用户性别--M 男、F 女  dateOfBirth：生日  phone手机号  photo:照片  address: 地址  roleId：角色id |
| Success Response | {  "flag": "success"  }  {  "data": "邮箱重复",  "flag": "fail"  } |

## 2.城市查询接口：

|  |  |
| --- | --- |
| URL | http://localhost:8080/SunshineAirlines/getCityNames |
| Sample URL | http://localhost:8080/SunshineAirlines/getCityNames |
| Method | POST |
| URL Params | / |
| Success Response | {  "data": [  {  "CityCode": "ABV",  "CityName": "Abuja",  "CountryCode": "NGA"  },  {  "CityCode": "ANK",  "CityName": "Ankara",  "CountryCode": "TR"  }  ],  "flag": "success"  } |
| 备注： | CityCode：城市代码  CityName：城市名  CountyCode：国家代码 |

## 3.航班计划查询（管理员）接口：

|  |  |
| --- | --- |
| URL | http://localhost:8080/SunshineAirlines/getSchedule?fromCity=Param1&toCity=Param2&startDate=Param3&endDate=Param4 |
| Sample URL | http://localhost:8080/SunshineAirlines/getSchedule?fromCity=Beijing&toCity=Hong Kong&startDate=2019-08-06&endDate=2019-09-06 |
| Method | POST |
| URL Params | Param1: fromCity(出发地)  Param2: toCity(目的地)  Param3: startDate(开始时间)  Param4: endDate(结束时间) |
| Success Response | {  "data": [  {  "ScheduleId": 1,  "Date": "2019-08-06 08:00:00",  "Time": "08:00:00",  "DepartureAirportIATA": "PEK",  "DepartCityName": "Beijing",  "ArrivalAirportIATA": "HKG",  "ArriveCityName": "Hong Kong",  "Name": "Boeing 737-800",  "EconomyPrice": 2027.00,  "FlightNumber": "101",  "Gate": "G33",  "Status": "Confirmed"  }  ],  "flag": "success"  } |
| 备注： | "ScheduleId": "航班计划Id",  "Date": "起飞日期",  "Time": "起飞时间",  "DepartureAirportIATA": "出发机场代码",  "DepartCityName": "出发城市",  "ArrivalAirportIATA": "到达机场代码",  "ArriveCityName": "到达城市",  "Name": "机型",  "EconomyPrice": "经济舱价格",  "FlightNumber": "航班号",  "Gate": "登机口",  "Status": "Confirmed"--航班计划状态Confirmed确认，Canceled取消, |

## 4.航班计划状态修改接口：

|  |  |
| --- | --- |
| URL | http://localhost:8080/SunshineAirlines/updateSchedule?scheduleId=Param1&status=Param2 |
| Sample URL | http://localhost:8080/SunshineAirlines/updateSchedule?scheduleId=1&status=Canceled |
| Method | POST |
| URL Params | Param1: scheduleId(航班计划id)  Param2: status(航班状态)--Confirmed、Canceled |
| Success Response | {  "flag": "success"  }  {  "data": "航班计划不存在",  "flag": "fail"  } |

## 5.机票统计接口：

|  |  |
| --- | --- |
| URL | http://localhost:8080/SunshineAirlines/getTicketStatistics?startDate=Param1&endDate=Param2 |
| Sample URL | http://localhost:8080/SunshineAirlines/getTicketStatistics?startDate=2019-08&endDate=2019-09 |
| Method | POST |
| URL Params | Param1: startDate(开始时间)  Param2: endDate(结束时间) |
| Success Response | {  "data": [{  "Month": "2019-08",  "FlightsAmount": "527",  "TicketsAmount": "3771",  "TicketsRevenue": "6330955.75"  }],  "flag": "success"  } |
| 备注： | "Month": "月份",  "FlightsAmount": "航班数量",  "TicketsAmount": "已售机票数量",  "TicketsRevenue": "机票收入", |