

# Hotel Management API Documentation

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## Base URL

http://localhost:8888/api

## Authentication

All endpoints except `/auth/login` and `/auth/register` require JWT token in the Authorization header:

Authorization: Bearer <token>

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## 1. Authentication

### 1.2 Login

POST /auth/login

#### Body:

```
{  
    "Username": "string",  
    "Password": "string",  
    "MaSoLoai": 1  
}
```

**Note:** MaSoLoai: 1= Manager, 2 = Employee

#### Response:

```
{  
    "token": "jwt_token_string",  
}
```

## 2. Room Management (BM1 - Danh Mục Phòng)

### 2.1 Get All Rooms

GET /rooms

#### Response:

```
[  
 {  
   "MaPhong": 1,  
   "MaLoaiPhong": 1,  
   "TenLoaiPhong": "Loại A",  
   "DonGia": 150000,  
   "TinhTrang": "Trống" | "Đã Thuê" | "Bảo Trì",  
   "GhiChu": "string (max 100 chars)"  
 }  
 ]
```

#### Response: 200 OK

### 2.2 Create Room

POST /rooms

#### Body:

```
{  
   "MaPhong": 101,  
   "TenLoaiPhong": "Loại A",  
   "DonGia": 150000,  
   "SoLuongKhachToiDa": 3,  
   "TinhTrang": "Trống" (Mới tạo nên nó trống),  
   "GhiChu": "string (max 100 chars)"  
 }
```

#### Response: 201 Created

## 2.3 Update Room

```
PUT /rooms/:MaPhong
```

### Body:

```
{
    (cho vào những trường cần update)
}
```

**Response:** 200 OK

## 2.4 Delete Room

```
DELETE /rooms/:MaPhong
```

**Response:** 200 OK

## 2.1 Get Information A Room

```
GET /rooms/:id
```

### Response:

```
[
{
    "MaLoaiPhong": 1,
    "TenLoaiPhong": "Loại A",
    "DonGia": 150000,
    "TinhTrang": "Trống" | "Đã Thuê" | "Bảo Tri",
    "GhiChu": "string (max 100 chars)"
}]
```

**Response:** 200 OK