

# Group Ticketing System

## End Points Testing Record

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**IN DOCX THE POINT NO 6:**

### **6.1 Auth Endpoints**

**POST** {{BaseUrl}}/auth/login

Purpose: Admin / Manager / Sub-Agent login

Body:

```
{  
  "agencyCode": "ABC001",  
  "username": "admin",  
  "password": "admin123"  
}
```

---

### **Refresh**

**POST** {{BaseUrl}}/auth/refresh

Purpose: Refresh your Token

Body:

```
{  
  "token": "REFRESH_TOKEN_HERE"  
}
```

---

### **Logout**

**POST** /api/auth/logout

Purpose: Logout Your System

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## 6.2 Agency Endpoint:

**POST** {{BaseUrl}}/agencies

Purpose: Agency Endpoints

Body:

```
{  
  "name": "Sky Travel Agency",  
  "code": "AGC001",  
  "country": "Pakistan",  
  "city": "Peshawar",  
  "phone": "+92-300-1234567"  
}
```

---

**GET** {{BaseUrl}}/agencies/:id

---

## Users:

**POST** {{BaseUrl}}/users

Purpose: User Endpoints

Body:

```
{  
  "agency_id": "Your Agency ID",  
  "username": "manager001",  
  "password": "12345678",  
  "email": "manager001@skytravels.com",  
  "phone": "+92-301-9876543",  
  "role": "MANAGER"  
}
```

---

**PATCH** {{BaseUrl}}/users/:id

Purpose: User Agency

Body:

```
{  
  "is_active": false,  
  "role": "SUB_AGENT"  
}
```

---

**POST** {{BaseUrl}}/agent/register

```
{  
  "agency_name": "Sky Wings Travel",  
  "username": "subagent001",  
  "email": "subagent001@example.com",  
  "phone": "+92-300-2223344",  
  "password": "12345678"  
}
```

Now request will send to the admin

Then Admin Will Take Discussion

**POST** /api/admin/subagent/approve/:id

**Authorization:** Bearer <ADMIN\_ACCESS\_TOKEN>

### 6.3 Groups:

**POST** {{BaseUrl}}/groups -> Only Admin can Create this.

Purpose: Group

Body:

```
{  
    "carrier_code": "PK",  
    "flight_number": "305",  
    "origin": "LHE",  
    "destination": "DXB",  
    "departure_time_local": "2025-11-10T04:30:00",  
    "arrival_time_local": "2025-11-10T07:15:00",  
    "pnr_mode": "PER_BOOKING",  
    "sales_start": "2025-11-01T00:00:00",  
    "sales_end": "2025-11-10T00:00:00",  
    "baggage": "30KG",  
    "fare_notes": "Non-refundable",  
    "seat_buckets": [  
        { "class": "Economy", "seats": 50, "price": 500 },  
        { "class": "Business", "seats": 10, "price": 1200 }  
    ],  
    "status": "PUBLISHED",  
    "created_by": "YOUR_ADMIN_USER_ID"  
}
```

---

**GET** {{BaseUrl}}/groups/:id

**Purpose:** Get Group by ID

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**GET** {{BaseUrl}}/groups

**Purpose:** Get All Groups

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## 6.4 Bookings

### Current Testing Order:

1. Login as Sub-Agent -> get access token
  2. **POST** /api/bookings -> create booking
  3. Login as Manager/Admin -> get token
  4. **GET** /api/bookings -> view all
  5. **POST** /api/bookings/:id/approve -> approve
  6. (optional) **POST** /api/bookings/:id/reject
- 

**Authorization:** Bearer <SUB\_AGENT\_TOKEN>

**Content-Type:** application/json

{

```
"agencyCode": "N/A",
"username": "subagent001",
"password": "12345678"
```

}

**POST** {{BaseUrl}}/bookings

Purpose: Group

Body:

```
{
  "flight_group_id": "Group_ID",
  "pax_counts": { "adt": 2, "chd": 1, "inf": 0 },
  "remarks": "Please hold seats for 24 hours",
  "requested_hold_hours": 24
}
```

---

**Authorization:** Bearer <your\_admin\_or\_manager\_token>

**Content-Type:** application/json

**GET** {{BaseUrl}}/bookings

Purpose: Get All Bookings

**GET** {{BaseUrl}}/bookings/:id

Purpose: Get Booking with id

**POST** {{BaseUrl}} /bookings/15a938ec-d96b-4643-9a35-244fda9a7dfd/approve

Purpose: Admin will approve the Booking.

**POST** {{BaseUrl}} /bookings/booking ID/ mark-paid

Purpose: Booking marked as paid.

**POST** {{BaseUrl}} /bookings/booking ID/ mark-paid

Purpose: Booking marked as paid.

**POST** {{BaseUrl}}/ bookings/Booking ID/issue

Purpose: Group

Body:

```
{  
  "pnr": "PK789A",  
  "passengers": [  
    {  
      "id": "1d5b7de4-b456-48b7-bae9-6139ad28e641",  
      "ticket_no": "0981234567890"  
    },  
    {  
      "id": "4e5b2cc8-0914-4e5c-85aa-b0c5b5edb872",  
      "ticket_no": "0981234567891"  
    }  
  ]  
}
```

**POST** {{BaseUrl}} /bookings/booking ID/ cancel

Purpose: Booking marked as paid.

---

#### 6.4 Passenger

Authorization: Bearer <SUB\_AGENT\_TOKEN>

Content-Type: application/json

```
{  
  "agencyCode": "N/A",  
  "username": "subagent001",  
  "password": "12345678"  
}
```

**POST** {{BaseUrl}}/passengers/**Booking ID**

Purpose: Passenger Booking

Body:

```
{  
  "passengers": [  
    {  
      "first_name": "Ali",  
      "last_name": "Khan",  
      "passport_no": "AB123456",  
      "nationality": "PK",  
      "date_of_birth": "1998-05-15"  
    },  
    {  
      "first_name": "Sara",  
      "last_name": "Khan",  
      "passport_no": "AB123457",  
      "nationality": "PK",  
      "date_of_birth": "2001-09-12"  
    }  
  ]  
}
```

---

**Update Passenger:**

Authorization: Bearer <Admin>

Content-Type: application/json

```
{  
  "agencyCode": "ABC001",  
  "username": "admin",  
  "password": "admin123"  
}
```

**PATCH** {{BaseUrl}}/passengers/**passenger ID**

Purpose: Update Passenger

Body:

```
{  
  "pnr": "PK789A",  
  "ticket_no": "0981234567890",  
  "first_name": "Ali",  
  "last_name": "Khan"  
}
```

---

**GET** {{BaseUrl}} / passengers/**Booking ID**

**Purpose:** Get All Passengers in Booking List

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## 6.5 Audit Routes Testing

Authorization: Bearer <ANY\_ROLE\_TOKEN>

Content-Type: application/json

**POST** {{BaseUrl}} / audit

```
{  
  "action": "BOOKING_APPROVED",  
  "description": "Booking ID 15a938ec approved by Manager Ali"  
}
```

---

Get All Audit Logs (Admin Only)

Authorization: Bearer <ADMIN\_TOKEN>

**GET** {{BaseUrl}} / audit

---

## 6.6 Settings

Authorization: Bearer <Admin>

Content-Type: application/json

```
{  
  "agencyCode": "ABC001",  
  "username": "admin",  
  "password": "admin123"  
}
```

**GET** {{BaseUrl}}/settings/agency

---

### Update Settings

**PATCH** {{BaseUrl}}/settings/agency

Body:

```
{  
  "allow_manager_group_create": true,  
  "default_hold_hours": 48,  
  "default_currency": "USD",  
  "notify_email": "contact@fusiontravel.com",  
  "notify_phone": "+971501234567"  
}
```

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## Reports CSV/JSON

**GET** {{BaseUrl}}/reports/bookings

**GET** {{BaseUrl}}/reports/sales

**GET** {{BaseUrl}}/reports/groups