**User**

Get (all) <http://localhost:8080/api/users>

Get (by id) <http://localhost:8080/api/users/2>

Post (add) <http://localhost:8080/api/users>

{

  "username": "Anuj",

  "password": "password123",

  "email": "Anuj@example.com",

  "role": "ADMIN"

}

Put (update) <http://localhost:8080/api/users/7>

{

  "username": "Anuj",

  "password": "newpassword123",

  "email": "Anuj@example.com",

  "role": "ADMIN"

}

Delete (remove) <http://localhost:8080/api/users/7>

**Flights**

Get (all) <http://localhost:8080/api/flights>

Get (by id) <http://localhost:8080/api/flights/1>

Post (add) <http://localhost:8080/api/flights>

{

    "flightName": "SpiceJet",

    "flightNumber": "SG345",

    "totalSeats": 180,

    "fare": 3500.00,

    "baggageInfo": "25kg",

    "owner": {

        "userId": 2

    }

}

Put (update) <http://localhost:8080/api/flights>

{

    "flightName": "SpiceJet Updated",

    "flightNumber": "SG345",

    "totalSeats": 200,

    "fare": 4000.00,

    "baggageInfo": "30kg",

    "owner": {

        "userId": 2,

        "username": "spicejet\_owner"

    }

}

Delete (remove) <http://localhost:8080/api/flights/5>

**Bookings**  
  
Get (all) <http://localhost:8080/api/bookings>

Get (by id) <http://localhost:8080/api/bookings/1>

Post (add) <http://localhost:8080/api/bookings>

{

    "bookingId": 3,

    "userId": 2,

    "routeId": 2,

    "seatsBooked": 4,

    "totalPrice": 10000.00,

    "status": "CONFIRMED"

}

Put (update) <http://localhost:8080/api/bookings/3>

{

    "bookingId": 3,

    "userId": 2,

    "routeId": 2,

    "seatsBooked": 4,

    "totalPrice": 10000.00,

    "status": "CANCELLED"

}

Delete (remove) <http://localhost:8080/api/bookings/3>

**Routes**

Get (all) http://localhost:8080/api/routes

Get (by id) http://localhost:8080/api/routes/1

Post (add) <http://localhost:8080/api/routes>

{

  "flightId": 1,

  "origin": "Chennai",

  "destination": "Hydrabad",

  "departureTime": "2024-12-10T08:00:00",

  "arrivalTime": "2024-12-10T10:00:00",

  "availableSeats": 150

}

Put (update) <http://localhost:8080/api/routes/6>

{

  "flightId": 1,

  "origin": "Chennai",

  "destination": "Delhi",

  "departureTime": "2024-12-10T08:00:00",

  "arrivalTime": "2024-12-10T10:00:00",

  "availableSeats": 150

}

Delete (remove) <http://localhost:8080/api/routes/6>

**Authentication**

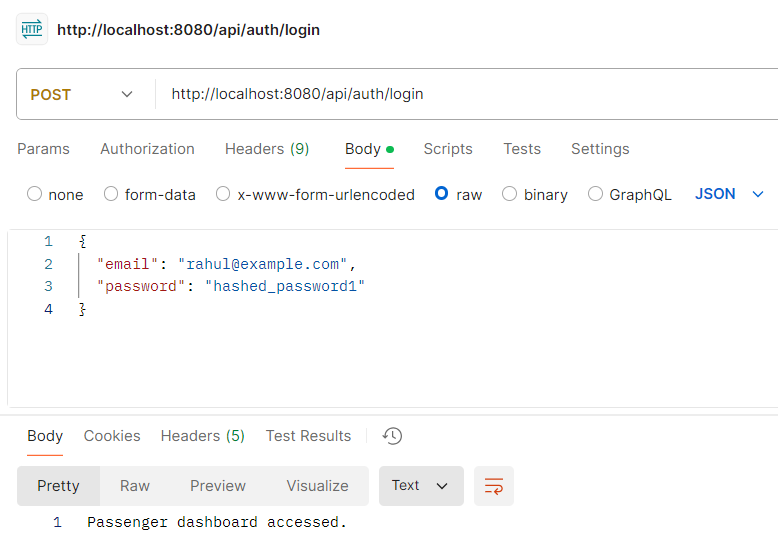
Post <http://localhost:8080/api/auth/login>

{

  "email": "rahul@example.com",

  "password": "hashed\_password1"

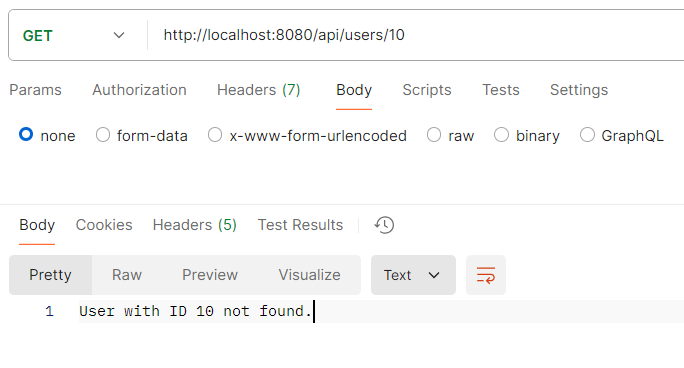
}



**Exceptions**

* **Resource Not Found**

Get <http://localhost:8080/api/users/10>



* **Duplicate Resource Exception**

Post <http://localhost:8080/api/users>

{

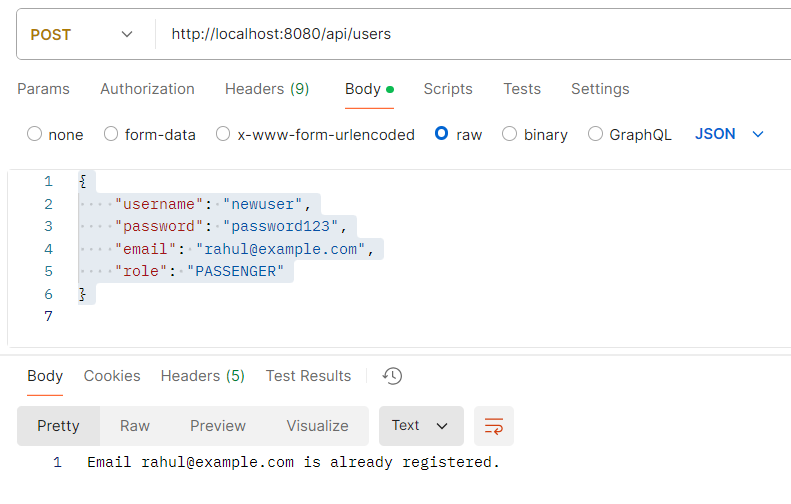
    "username": "newuser",

    "password": "password123",

    "email": "rahul@example.com",

    "role": "PASSENGER"

}



* **Invalid Request Exception**

Post <http://localhost:8080/api/bookings>

{

        "userId": 1,

        "routeId": 1,

        "seatsBooked": 30,

        "totalPrice": 10000.00,

        "status": "CONFIRMED"

    }

