

## Travel Agent Management System API Test Results

=== Travel Agent Management System API Test Script ===

This script will test all endpoints of your microservices application

Mon Apr 14 08:36:54 PM IST 2025

=== Testing Agent Service ===

Testing: Create a new agent

URL: POST http://localhost:8000/agents

Payload: {

```
  "name": "John Smith",
  "email": "john@example.com",
  "phone": "123-456-7890",
  "availability": {
    "days": ["Monday", "Wednesday", "Friday"],
    "shift": "morning"
  }
}
```

}

Success! Response:

```
{
  "id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
  "name": "John Smith",
  "email": "john@example.com",
  "phone": "123-456-7890",
  "rating": 0.0,
  "availability": {
    "days": [
      "Monday",
      "Wednesday",
      "Friday"
    ],
    "shift": "morning"
  }
}
```

Created agent with ID: ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb

Testing: List all agents

URL: GET http://localhost:8000/agents

Success! Response:

```
[
  {
    "id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "name": "John Smith",
    "email": "john@example.com",
    "phone": "123-456-7890",
    "rating": 0.0,
    "availability": {
      "days": [
        "Monday",
        "Wednesday",
        "Friday"
      ],
      "shift": "morning"
    }
  }
]
```

Testing: Get specific agent

URL: GET <http://localhost:8000/agents/ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb>

Success! Response:

```
{
  "id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
  "name": "John Smith",
  "email": "john@example.com",
  "phone": "123-456-7890",
  "rating": 0.0,
  "availability": {
    "days": [
      "Monday",
      "Wednesday",
      "Friday"
    ],
    "shift": "morning"
  }
}
```

Testing: Update agent availability

URL: PUT <http://localhost:8000/agents/ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb/availability>

Payload: {  
 "days": ["Tuesday", "Thursday"],  
 "shift": "evening"

```
}
Success! Response:
{
  "days": [
    "Tuesday",
    "Thursday"
  ],
  "shift": "evening"
}
```

```
Testing: Get agent availability
URL: GET http://localhost:8000/agents/ad33cbd0-b5ab-4e5f-
ba06-8d43e3ce18eb/availability
Success! Response:
{
  "days": [
    "Tuesday",
    "Thursday"
  ],
  "shift": "evening"
}
```

=== Testing Booking Service ===

```
Testing: Create a new booking
URL: POST http://localhost:8001/bookings
Payload: {
  "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
  "customer_name": "Alice Johnson",
  "service_type": "Flight",
  "price": 350.00
}
```

```
Success! Response:
{
  "booking_id": "59e23ed8-c399-4e7c-b218-7a0d4e3cb714",
  "commission_amount": 35.0
}
```

Created booking with ID: 59e23ed8-c399-4e7c-b218-7a0d4e3cb714

```
Testing: Get agent bookings
URL: GET http://localhost:8001/agents/ad33cbd0-b5ab-4e5f-
ba06-8d43e3ce18eb/bookings
Success! Response:
[
  {
```

```
    "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "customer_name": "Alice Johnson",
    "service_type": "Flight",
    "price": 350.0
  }
]
```

Testing: Get agent commission

URL: GET http://localhost:8001/agents/ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb/commission

Success! Response:

```
[
  {
    "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "booking_id": "59e23ed8-c399-4e7c-b218-7a0d4e3cb714",
    "commission_percentage": 10.0,
    "commission_amount": 35.0
  }
]
```

=== Testing Sales Service ===

Testing: Record a sale

URL: POST http://localhost:8002/sales/record

Payload: {

```
    "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "price": 450.00
}
```

Success! Response:

```
{
  "message": "Sale recorded"
}
```

Testing: Get sales by agent

URL: GET http://localhost:8002/sales/by-agent/ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb

Success! Response:

```
[
  {
    "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "sales": 450.0
  }
]
```

Testing: Get sales trends

URL: GET http://localhost:8002/sales/trends

Success! Response:

```
{
  "trend": "positive",
  "growth_percentage": 10
}
```

=== Testing Invoicing Service ===

Testing: Generate an invoice

URL: POST http://localhost:8003/invoice

Payload: {

```
  "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
  "customer_name": "Bob Wilson",
  "amount": 550.00
```

}

Success! Response:

```
{
  "invoice_id": "624ea044-0658-4cf2-82b1-5ee6386e5f71",
  "amount": 550.0
}
```

Testing: Process agent payout

URL: POST http://localhost:8003/payout

Payload: {

```
  "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
  "payout_amount": 220.00
```

}

Success! Response:

```
{
  "payout_id": "40daf1b3-427c-4e72-9b3c-662632db976f",
  "amount": 220.0
}
```

Testing: Get agent payouts

URL: GET http://localhost:8003/agents/ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb/payouts

Success! Response:

```
[
  {
    "agent_id": "ad33cbd0-b5ab-4e5f-ba06-8d43e3ce18eb",
    "payout_amount": 220.0
  }
]
```

=== Test Complete ===

All endpoints have been tested.

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