

API Documentation

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Generic format:

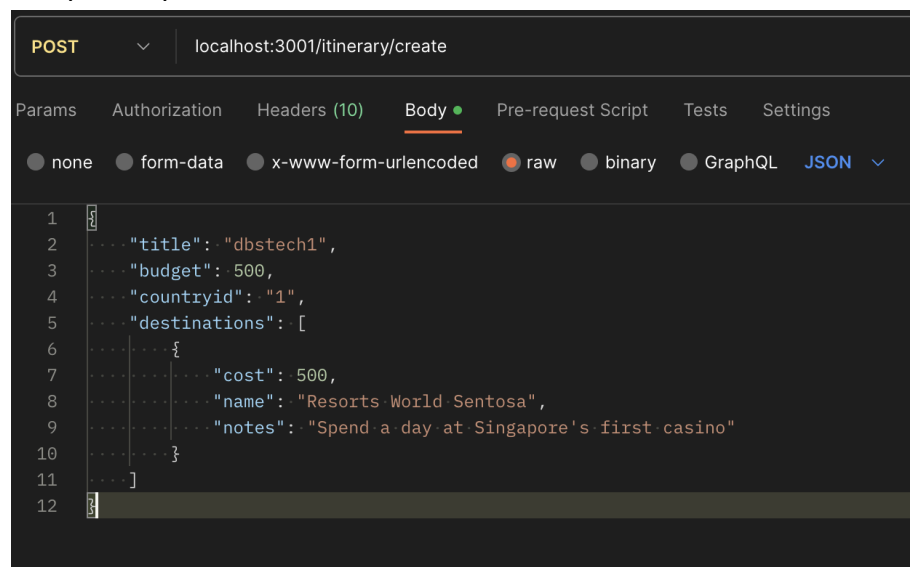
- GET/PUT/POST/DELETE
- Endpoint, params?
- Sample Request
- Sample Output

USERS

1. POST /login (DEEKSHA)
Body: username, password
Returns success (JWT), error
 - a. Sample Request
 - b. Sample Output

ITINERARIES

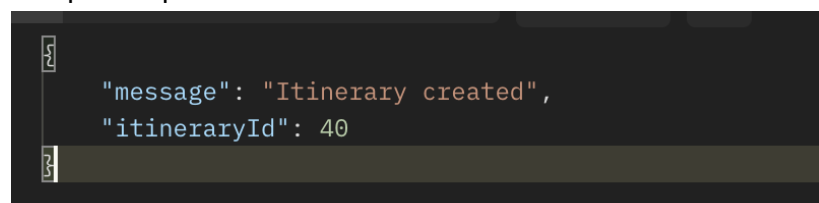
2. POST /itinerary (JEREMY)
Body: title, budget, country, destinations[cost, name, notes, country]
Returns success, error
 - a. Sample Request
 - b. Sample Output



```
POST localhost:3001/itinerary/create

{
  "title": "dbstech1",
  "budget": 500,
  "countryid": "1",
  "destinations": [
    {
      "cost": 500,
      "name": "Resorts World Sentosa",
      "notes": "Spend a day at Singapore's first casino"
    }
  ]
}
```

- b. Sample Output



```
{
  "message": "Itinerary created",
  "itineraryId": 40
}
```

3. GET /itinerary/:user_id (ALENA)

Returns all itineraries for one user

a. Sample Request

<http://localhost:3001/itinerary/1>

b. Sample Output

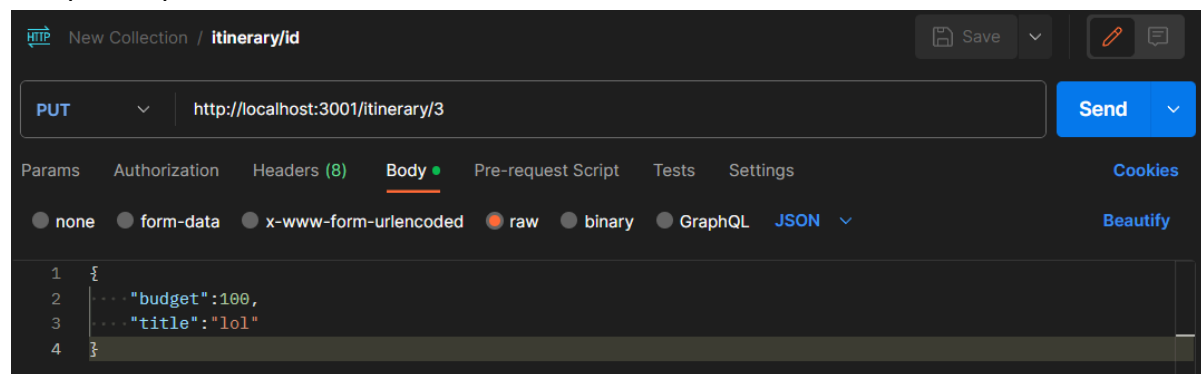
```
[
  {
    "itinerary_id": 1,
    "title": "Sightseeing in Singapore",
    "budget": 500,
    "destinations": [
      {
        "id": 1,
        "name": "Marina Bay Sands",
        "cost": 50,
        "notes": "Iconic hotel with an infinity pool and
stunning views of the city skyline. Open 24/7."
      },
      {
        "id": 2,
        "name": "Gardens by the Bay",
        "cost": 30,
        "notes": "Futuristic park featuring Supertree Grove
and Flower Dome conservatories. Open daily from 9 AM to 9 PM."
      },
      {
        "id": 3,
        "name": "Sentosa Island",
        "cost": 40,
        "notes": "Fun-filled island resort with beaches, theme
parks, and various attractions. Open daily from 10 AM to 7 PM."
      }
    ]
  },
  {
    "itinerary_id": 2,
    "title": "Singapore Adventure",
    "budget": 800,
    "destinations": [
      {
        "id": 4,
        "name": "Universal Studios Singapore",
        "cost": 60,
```

```

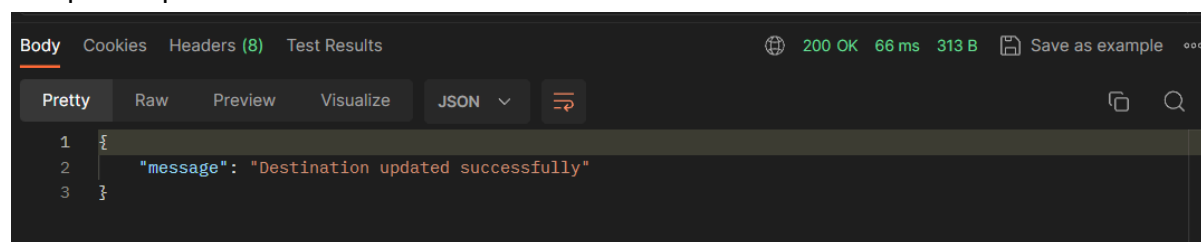
        "notes": "Amusement park with movie-themed rides and
entertainment. Open daily from 10 AM to 7 PM."
    },
    {
        "id": 5,
        "name": "Singapore Zoo",
        "cost": 35,
        "notes": "Award-winning zoo showcasing diverse
wildlife species. Open daily from 8:30 AM to 6 PM."
    }
]

```

4. PUT /itinerary/itineraryid (Amirul)
 - Parameters in body: {budget, title}
 - Update the itinerary title budget and country*
 - Returns success message OR error code
 - a. Sample Request



- b. Sample Output



5. DELETE /itinerary/itineraryid (DEEKSHA)
 - a. Deletes itinerary

DESTINATIONS

6. POST /itinerary/createDestination (ALENA)
 - Sample request: <http://localhost:3001/itinerary/createDestination>
 - Returns success message or error code

Sample Body:

```
{
  "country_id": 1,
  "cost": 90,
  "name": "Airport",
  "notes": "test destination"
}
```

Sample Output:

```
{
  "message": "Destination created successfully",
  "destinationId": 6
}
```

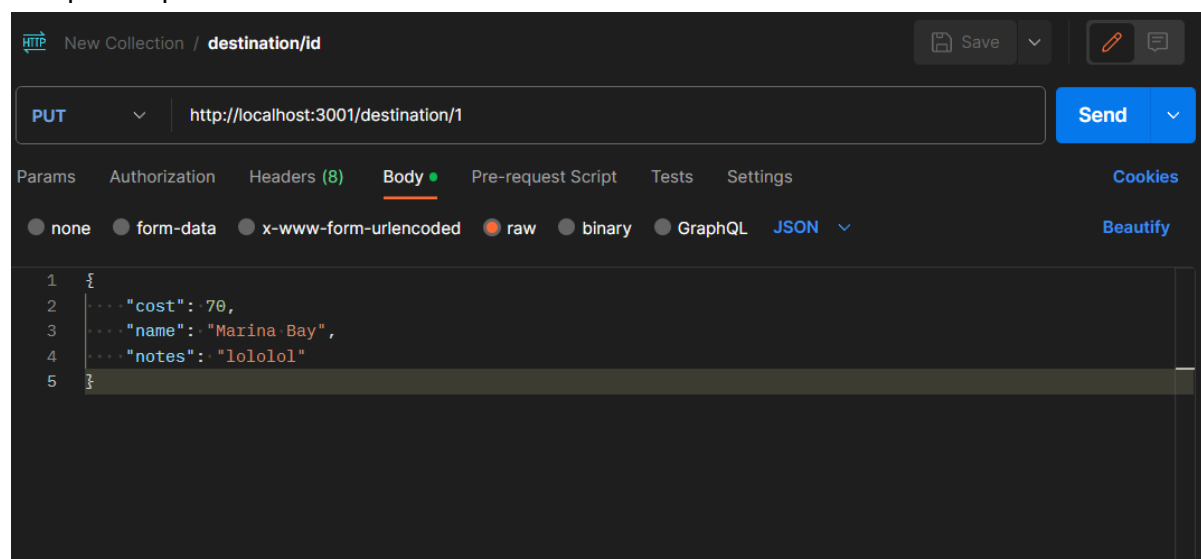
7. PUT /destination/destinationid (AMIRUL)

[to UPDATE the destination]

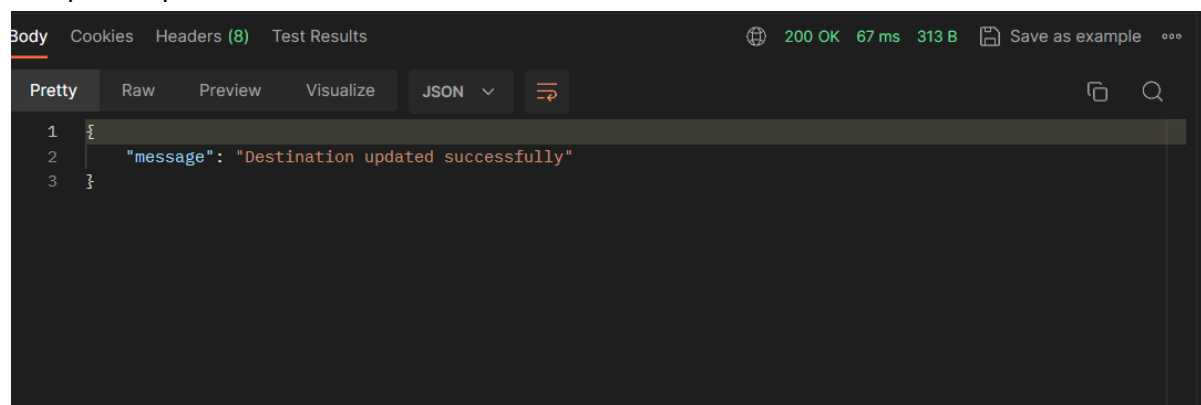
Parameters in body: {cost, name, notes}

Returns success message OR error code

a. Sample Request



b. Sample Output



8. DELETE /destination/destinationid (AMIRUL)

Delete destination

a. Sample Request



b. Sample Output

