API Documentation

## Note

**“Authorization Required”** means the request to the endpoint needs to include the “Authorization” header with the value set in the format “Bearer <token>”

* Eg: Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpbCI6InRAZ21haWwuY29tIiwiaWF0IjoxNjYyMzg1MjAwLCJleHAiOjE2NjI0MDY4MDB9.M3cfCwIYgf-CdpHRAD9VmzakBHIe-F0HmJTBZSxLZ6E
* Token for a user is received on login
* The token expires after a few hours
* All endpoints with Authorization required has these failure scenarios
  + 400 if
    - Invalid or expired token
    - Invalid token or user doesn’t exist
  + 401 if Bearer token not passed in request as part of “Authorization” header

## POST /api/v1/register

(POST REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/register)

**Sample Body**

{

"email":"s@gmail.com",

"password":"s@gmail.com",

"confirmpassword":"s@gmail.com"

}

**Authorization Required**: NO

**Successful Response**: 201 on successful user registration

**Failed Response**:

* 400 if
  + Email already exists
  + Password length is less than 6

## POST /api/v1/login

(POST REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/login)

**Sample Body**

{

"email":"s@gmail.com",

"password":"s@gmail.com",

}

**Authorization Required**: NO

**Successful Response**: 201 on successful user login

{

success: true,

data: {

token: “<token>”,

id: “<user-id>

}

}

**Failed Response**:

* 404 if the email doesn’t exist (user not registered)
* 403 if password doesn’t match

## GET /api/v1/cities

(GET REQUEST :https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/cities)

**Sample Body**: None

**Authorization Required**: NO

**Sample Response** :

[

{

"id": "bengaluru",

"city": "Bengaluru",

"description": "100+ Places",

"image": "https://images.pexels.com/photos/3573382/pexels-photo-3573382.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=750&w=1260"

},

{

"id": "goa",

"city": "Goa",

"description": "250+ Places",

"image": "https://images.pexels.com/photos/1078983/pexels-photo-1078983.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=750&w=1260"

},

{

"id": "kolkata",

"city": "Kolkata",

"description": "100+ Places",

"image": "https://images.pexels.com/photos/2524368/pexels-photo-2524368.jpeg?auto=compress&cs=tinysrgb&dpr=2&w=500"

},

{

"id": "singapore",

"city": "Singapore",

"description": "100+ Places",

"image": "https://i.ibb.co/WVL7n8K/singapore.jpg"

},

{

"id": "malaysia",

"city": "Malaysia",

"description": "100+ Places",

"image": "https://images.pexels.com/photos/2940925/pexels-photo-2940925.jpeg?auto=compress&cs=tinysrgb&dpr=2&w=500"

},

{

"id": "bangkok",

"city": "Bangkok",

"description": "250+ Places",

"image": "https://images.pexels.com/photos/1682748/pexels-photo-1682748.jpeg?cs=srgb&dl=pexels-ingo-joseph-1682748.jpg&fm=jpg"

},

{

"id": "new-york",

"city": "New York",

"description": "100+ Places",

"image": "https://images.pexels.com/photos/2422588/pexels-photo-2422588.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=750&w=1260"

},

{

"id": "paris",

"city": "Paris",

"description": "100+ Places",

"image": "https://images.pexels.com/photos/1461974/pexels-photo-1461974.jpeg?auto=compress&cs=tinysrgb&dpr=2&w=500"

}

]

**Failed Response**: None

## GET /api/v1/cities?q=<search-query>

(GET REQUEST : https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/cities?q=beng)

**Sample Body:** None

**Authorization Required**: NO

**Successful Response**: 200 if search query length >= 3

[

{

"id":"bengaluru",

"city":"Bengaluru",

"description":"100+ Places",

"image":"https://images.pexels.com/photos/3573382/pexels-photo-3573382.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=750&w=1260"

}

]

**Failed Response**:

* 404 Not Found - If search query length <3

{

“message”: “City Query length should be atleast 3! Currently it is only <query-length>”,

}

* 400 Bad Request - If not matching the city found

{

“message”: “City not found for <search-query>!”

}

## GET /api/v1/adventures?city=<city-name>

(GET REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/adventures?city=bengaluru)

**Sample Body:** None

**Authorization Required**: NO

**Successful Response**: 200

[

{

"id":"2447910730",

"name":"Niaboytown",

"costPerHead":4003,

"currency":"INR",

"image":"https://images.pexels.com/photos/837745/pexels-photo-837745.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":6,

"category":"Party"

},

{

"id":"1773524915",

"name":"Fort Sionnnn",

"costPerHead":2686,

"currency":"INR",

"image":"https://images.pexels.com/photos/3408744/pexels-photo-3408744.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":9,

"category":"Cycling"

},

{

"id":"0355034513",

"name":"Wooddaux",

"costPerHead":3715,

"currency":"INR",

"image":"https://images.pexels.com/photos/744912/pexels-photo-744912.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":8,

"category":"Beaches"

},

{

"id":"2260150453",

"name":"Bageorge With Nonshi Harbour",

"costPerHead":3184,

"currency":"INR",

"image":"https://images.pexels.com/photos/631522/pexels-photo-631522.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":3,

"category":"Cycling"

},

{

"id":"1921387712",

"name":"Stonelumhawk",

"costPerHead":4143,

"currency":"INR",

"image":"https://images.pexels.com/photos/2242171/pexels-photo-2242171.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":17,

"category":"Hillside"

},

{

"id":"7938812489",

"name":"La Anrncast",

"costPerHead":3712,

"currency":"INR",

"image":"https://images.pexels.com/photos/3182925/pexels-photo-3182925.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":7,

"category":"Beaches"

},

{

"id":"2757195090",

"name":"Fort Shilbluff",

"costPerHead":795,

"currency":"INR",

"image":"https://images.pexels.com/photos/994605/pexels-photo-994605.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":19,

"category":"Hillside"

},

{

"id":"3727396712",

"name":"Shiwood",

"costPerHead":1352,

"currency":"INR",

"image":"https://images.pexels.com/photos/45987/pexels-photo-45987.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":17,

"category":"Cycling"

},

{

"id":"2211420097",

"name":"East Vyfolk",

"costPerHead":4393,

"currency":"INR",

"image":"https://images.pexels.com/photos/2835562/pexels-photo-2835562.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":5,

"category":"Party"

}

]

**Failed Response**:

* 400 if no adventure found for given city

{

message: `Adventure not found for London!`,

}

## GET /api/v1/adventures?city=<city-name>&q=<search-query>

(GET REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/adventures?city=bengaluru&q=nia)

**Sample Body:** None

**Authorization Required**: NO

**Successful Response**: 200

[

{

"id":"2447910730",

"name":"Niaboytown",

"costPerHead":4003,

"currency":"INR",

"image":"https://images.pexels.com/photos/837745/pexels-photo-837745.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"duration":6,

"category":"Party"

}

]

**Failed Response**:

* 404 if adventure length (q) < 3

{

message: `Adventure Query length should be atleast 3! Currently it is only 1`,

}

* 400 if no adventure found for given city

{

message: `Adventure not found for London!`,

}

## GET /api/v1/adventures/detail?adventure=<adventure-id>

(GET REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/adventures/detail?adventure=2447910730)

**Sample Body:** None

**Authorization Required**: NO

**Successful Response**: 200 if adventure id is valid

{

"id":"2447910730",

"name":"Niaboytown",

"subtitle":"This is a mind-blowing adventure!",

"images":[

"https://images.pexels.com/photos/66997/pexels-photo-66997.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"https://images.pexels.com/photos/837745/pexels-photo-837745.jpeg?auto=compress&cs=tinysrgb&h=650&w=940",

"https://images.pexels.com/photos/1624438/pexels-photo-1624438.jpeg?auto=compress&cs=tinysrgb&h=650&w=940"

],

"content":"A random paragraph …",

"available":true,

"reserved":false,

"costPerHead":4003

}

**Failed Response**:

* 400 if invalid adventure id

{

message: `Adventure details not found for 390239931`,

}

## GET /api/v1/reservations?id=<user-id>

(GET REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/reservations/?id=yozLC8olATuBqKPe)

**Sample Body**: No

**Authorization Required**: YES

**Successful Response**: 200 on success

[

{

"userId":"sJb6SF3uE7AbvUlD",

"name":"Testuser",

"date":"2022-09-09",

"person":"1",

"adventure":"2447910730",

"adventureName":"Niaboytown",

"price":4003,

"isCancelled":false,

"id":"9aef382849127a68",

"time":"Mon Sep 05 2022 13:40:21 GMT+0000 (Coordinated Universal Time)",

"\_id":"VHIoVbWHzxP2geWr"

}

]

**Failed Response**: All scenarios mentioned [here](#_b7qpstlavkzm)

## POST /api/v1/reservations/new

(POST REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/reservations/new)

**Sample Body**

{

"userId":"sJb6SF3uE7AbvUlD",

"name":"testuser",

"date":"2022-09-09",

"person":"1",

"adventure":"2447910730"

}

**Authorization Required**: Yes

**Successful Response**: 200 on successful reservation/booking

**Failed Response**:

* All scenarios mentioned [here](#_b7qpstlavkzm)
* 400 if
  + Any of name, date, person, userId or adventure fields missing in body
  + Date of booking is a past date
* 404 if user for which token is passed doesn’t exist

## DELETE /api/v1/reservations/:<reservation-id>

(DELETE REQUEST: https://content-qtripdynamic-qa-backend.azurewebsites.net/api/v1/reservations/9aef382849127a68)

**Sample Body**

{

"userId":"sJb6SF3uE7AbvUlD"

}

**Authorization Required**: YES

**Successful Response**: 200 on successful cancellation

**Failed Response**: All scenarios mentioned [here](#_b7qpstlavkzm)