

Travel Insurance API Documentation

Overview

This documentation covers two key endpoints for travel insurance distribution: **Quotation** and **Purchase**. These endpoints will be integrated via MCP (Model Context Protocol) servers for the hackathon.

Authentication

All API requests require authentication via API key in the request header:

```
None  
x-api-key: XXXXXXXXXXXXXXXX
```

1. Quotation Endpoint

Purpose

Retrieve insurance quotes for travel insurance based on trip details.

Endpoint

- <https://dev.api.ancileo.com/v1/travel/front/pricing>

Supported Trip Types

- **RT** - Round Trip
- **ST** - Single Trip

Request Structure

Common Fields

Field	Type	Description
market	string	Market code (e.g., "SG" for Singapore)
languageCode	string	Language preference (e.g., "en")
channel	string	Distribution channel (e.g., "white-label")
deviceType	string	Device type (e.g., "DESKTOP")

Context Object

Field	Type	Description
tripType	string	"RT" (Round Trip) or "ST" (Single Trip)
departureDate	string	Format: YYYY-MM-DD
returnDate	string	Format: YYYY-MM-DD
departureCountry	string	ISO country code (e.g., "SG") - Must be greater than today
arrivalCountry	string	ISO country code (e.g., "CN") - Must be greater than today
adultsCount	integer	Number of adults
childrenCount	integer	Number of children

Example Requests

Round Trip:

json

```
JSON
{
  "market": "SG",
  "languageCode": "en",
  "channel": "white-label",
  "deviceType": "DESKTOP",
```

```
"context": {  
    "tripType": "RT",  
    "departureDate": "2025-09-30",  
    "returnDate": "2025-10-01",  
    "departureCountry": "SG",  
    "arrivalCountry": "CN",  
    "adultsCount": 1,  
    "childrenCount": 0  
}  
}
```

And for curl import on Postman

```
Shell  
curl --location 'https://dev.api.ancileo.com/v1/travel/front/pricing' \  
--header 'Content-Type: application/json' \  
--header 'x-api-key: XXXXXXXXXXXXXXXX' \  
--data '{  
    "market": "SG",  
    "languageCode": "en",  
    "channel": "white-label",  
    "deviceType": "DESKTOP",  
    "context": {  
        "tripType": "ST",  
        "departureDate": "2025-11-01",  
        "returnDate": "2025-11-15",  
        "departureCountry": "SG",  
        "arrivalCountry": "CN",  
        "adultsCount": 1,  
        "childrenCount": 0  
    }  
}'
```

Single Trip:

json

JSON

```
{  
    "market": "SG",  
    "languageCode": "en",  
    "channel": "white-label",  
    "deviceType": "DESKTOP",  
    "context": {  
        "tripType": "ST",  
        "departureDate": "2025-09-30",  
        "departureCountry": "SG",  
        "arrivalCountry": "CN",  
        "adultsCount": 1,  
        "childrenCount": 0  
    }  
}
```

And for curl import on Postman

Shell

```
curl --location 'https://dev.api.ancileo.com/v1/travel/front/pricing' \  
--header 'Content-Type: application/json' \  
--header 'x-api-key: XXXXXXXXXXXXXXXX' \  
--data '{  
    "market": "SG",  
    "languageCode": "en",  
    "channel": "white-label",  
    "deviceType": "DESKTOP",  
    "context": {  
        "tripType": "ST",  
        "departureDate": "2025-11-01",  
        "departureCountry": "SG",  
        "arrivalCountry": "CN",  
        "adultsCount": 1,  
        "childrenCount": 0  
    }  
}'
```

2. Purchase Endpoint

Purpose

Complete the purchase of travel insurance after successful payment processing.

Endpoint

- <https://dev.api.ancileo.com/v1/travel/front/purchase>

Workflow

The purchase endpoint should be called **after payment is successful** (similar to the Whitelabel flow).

Request Structure

Root Level Fields

Field	Type	Description
market	string	Market code
languageCode	string	Language preference
channel	string	Distribution channel
quoteId	string	UUID from quotation response

Purchase Offers Array

Field	Type	Description
productType	string	Product type (e.g., "travel-insurance")
offerId	string	UUID from quotation response
productCode	string	Product identifier (e.g., "SG_AXA_SCOOT_COMP")
unitPrice	number	Price per unit in local currency
currency	string	Currency code (e.g., "SGD")

<code>quantity</code>	integer	Quantity purchased
<code>totalPrice</code>	number	Total price for this offer
<code>isSendEmail</code>	boolean	Whether to send confirmation email

Insureds Array

Field	Type	Description
<code>id</code>	string	Unique identifier for insured
<code>title</code>	string	Title (e.g., "Mr", "Ms")
<code>firstName</code>	string	First name
<code>lastName</code>	string	Last name
<code>nationality</code>	string	ISO country code
<code>dateOfBirth</code>	string	Format: YYYY-MM-DD
<code>passport</code>	string	Passport number
<code>email</code>	string	Email address
<code>phoneType</code>	string	Phone type (e.g., "mobile")
<code>phoneNumber</code>	string	Phone number
<code>relationship</code>	string	Relationship (e.g., "main")

Main Contact Object

Includes all fields from Insureds plus:

Field	Type	Description
<code>address</code>	string	Street address
<code>city</code>	string	City
<code>zipCode</code>	string	Postal code

<code>countryCode</code>	string	ISO country code
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Example Request

json

```

JSON
{
  "market": "SG",
  "languageCode": "en",
  "channel": "white-label",
  "quoteId": "1d178b7a-3058-4719-b9b5-43d2491005b4",
  "purchaseOffers": [
    {
      "productType": "travel-insurance",
      "offerId": "89cf93d9-2736-40fa-ad74-4b78c8b38590",
      "productCode": "SG_AXA_SCOOT_COMP",
      "unitPrice": 17.6,
      "currency": "SGD",
      "quantity": 1,
      "totalPrice": 17.6,
      "isSendEmail": true
    }
  ],
  "insureds": [
    {
      "id": "1",
      "title": "Mr",
      "firstName": "John",
      "lastName": "Doe",
      "nationality": "SG",
      "dateOfBirth": "2000-01-01",
      "passport": "123456",
      "email": "john.doe@gmail.com",
      "phoneType": "mobile",
      "phoneNumber": "0811111111",
      "relationship": "main"
    }
  ],
  "mainContact": {
    "id": "1",
    "title": "Mr",
    "firstName": "John",
    "lastName": "Doe",
  }
}

```

```

        "nationality": "SG",
        "dateOfBirth": "2000-01-01",
        "passport": "123456",
        "email": "john.doe@gmail.com",
        "phoneType": "mobile",
        "phoneNumber": "0811111111",
        "address": "12 test test 12",
        "city": "SG",
        "zipCode": "12345",
        "countryCode": "SG"
    },
}

```

Example of curl for postman import

Shell

```

curl --location 'https://dev.api.ancileo.com/v1/travel/front/purchase' \
--header 'Content-Type: application/json' \
--header 'X-API-Key: XXXXXXXXXXXX' \
--data-raw '{
    "market": "SG",
    "languageCode": "en",
    "channel": "white-label",
    "quoteId": "9473a27b-7c46-4870-9e33-aea613942d28",
    "purchaseOffers": [
        {
            "productType": "travel-insurance",
            "offerId": "f80dfc75-36e3-433a-b561-f182383cd342",
            "productCode": "SG_AXA_SCOOT_COMP",
            "unitPrice": 17.6,
            "currency": "SGD",
            "quantity": 1,
            "totalPrice": 17.6,
            "isSendEmail": true
        }
    ],
    "insureds": [
        {
            "id": "1",

```

```

        "title": "Mr",
        "firstName": "John",
        "lastName": "Doe",
        "nationality": "SG",
        "dateOfBirth": "2000-01-01",
        "passport": "123456",
        "email": "john.doe@gmail.com",
        "phoneType": "mobile",
        "phoneNumber": "0811111111",
        "relationship": "main"
    }
],
"mainContact": {
    "id": "1",
    "title": "Mr",
    "firstName": "John",
    "lastName": "Doe",
    "nationality": "SG",
    "dateOfBirth": "2000-01-01",
    "passport": "123456",
    "email": "john.doe@gmail.com",
    "phoneType": "mobile",
    "phoneNumber": "0811111111",
    "address": "12 test test 12",
    "city": "SG",
    "zipCode": "12345",
    "countryCode": "SG"
}
}

```

Notes

- The purchase endpoint should only be called after payment has been successfully processed
 - This point must be discussed to mock it !
- Ensure all dates are in YYYY-MM-DD format
- All timestamps should follow ISO 8601 format
- The `quoteId` and `offerId` must be obtained from a prior quotation request