

# 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.

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## 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")

<code>unitPrice</code>	number	Price per unit in local currency
<code>currency</code>	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

### Payment Object

Field	Type	Description
<code>pspTransactionId</code>	string	Payment service provider transaction ID
<code>pspIdentifier</code>	string	PSP identifier
<code>merchantReference</code>	string	Merchant reference number
<code>paymentMethod</code>	string	Payment method (e.g., "credit-card")
<code>pgwPspId</code>	integer	Payment gateway PSP ID
<code>pgwMerchantId</code>	integer	Payment gateway merchant ID
<code>paymentName</code>	string	Name on payment method
<code>paymentInfo1</code>	string	Card number (masked)
<code>paymentInfo2</code>	string	CVV
<code>paymentInfo3</code>	string	Expiry date (MM/YYYY)
<code>amount</code>	number	Payment amount
<code>currency</code>	string	Currency code
<code>status</code>	string	Payment status (e.g., "pending")
<code>transactionDate</code>	string	ISO 8601 format

### 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": "Ardi",
        "lastName": "test",
        "nationality": "SG",
        "dateOfBirth": "2000-01-01",
        "passport": "123456",
        "email": "ardi@ancileo.com",
        "phoneType": "mobile",
        "phoneNumber": "0811111111",
        "relationship": "main"
    }
],
"mainContact": {
    "id": "1",
    "title": "Mr",
    "firstName": "Ardi",
    "lastName": "test",
```

```
        "nationality": "SG",
        "dateOfBirth": "2000-01-01",
        "passport": "123456",
        "email": "ardi@ancileo.com",
        "phoneType": "mobile",
        "phoneNumber": "0811111111",
        "address": "12 test test 12",
        "city": "SG",
        "zipCode": "12345",
        "countryCode": "SG"
    },
    "payment": {
        "pspTransactionId": "TEST001",
        "pspIdentifier": "Scoot-SG-Test",
        "merchantReference": "TEST001",
        "paymentMethod": "credit-card",
        "pgwPspId": 34,
        "pgwMerchantId": 81,
        "paymentName": "Ardi",
        "paymentInfo1": "499999",
        "paymentInfo2": "9012",
        "paymentInfo3": "12/2025",
        "amount": 17.6,
        "currency": "SGD",
        "status": "pending",
        "transactionDate": "2025-09-29T08:19:52+00:00"
    }
}
```

#### 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": "Ardi",
            "lastName": "test",
            "nationality": "SG",
            "dateOfBirth": "2000-01-01",
            "passport": "123456",
            "email": "ardi@ancileo.com",
            "phoneType": "mobile",
            "phoneNumber": "0811111111",
            "relationship": "main"
        }
    ],
    "mainContact": {
        "id": "1",
        "title": "Mr",
        "firstName": "Ardi",
        "lastName": "test",
        "nationality": "SG",
        "dateOfBirth": "2000-01-01",
        "passport": "123456",
        "email": "ardi@ancileo.com",
        "phoneType": "mobile",
    }
}'
```

```
        "phoneNumber": "081111111",
        "address": "12 test test 12",
        "city": "SG",
        "zipCode": "12345",
        "countryCode": "SG"
    },
    "payment": {
        "pspTransactionId": "TEST001",
        "pspIdentifier": "Scoot-SG-Test",
        "merchantReference": "TEST001",
        "paymentMethod": "credit-card",
        "pgwPspId": 34,
        "pgwMerchantId": 81,
        "paymentName": "Ardi",
        "paymentInfo1": "499999",
        "paymentInfo2": "9012",
        "paymentInfo3": "12/2025",
        "amount": 17.6,
        "currency": "SGD",
        "status": "pending",
        "transactionDate": "2025-09-29T08:19:52+00:00"
    }
}'
```

---

## 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