

expense_manager_a...

EventsStateArtifactsSessions

Conversations with agent

0 model:0# THINKING PROCESS The user said "Hello". ...

1 model:FunctionCall:1 search_relevant_receipts_by_natur...

2 model:FunctionCall:2 search_relevant_receipts_by_natur...

SESSION ID de4b7d1f-fee6-4859-8abc-5a9f50575cee

Token Streaming + New Session

Hello

THINKING PROCESS

The user said "Hello". This is a simple greeting and does not require any tool use. I should respond with a friendly greeting.

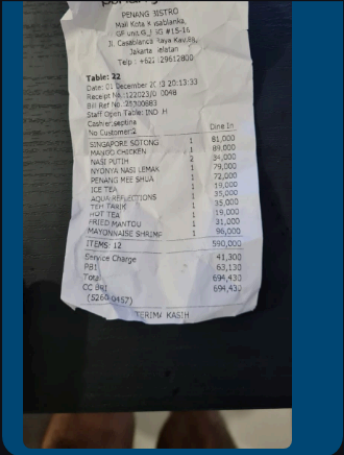
FINAL RESPONSE

Hello! How can I help you today?

SESSION ID de467d1f-fee6-4859-8a0c-5a9f50575cee

Token Streaming

+ New Session



store the receipts

⚡

search_relevant_receipts_by_natural_language_query


⚡


search_relevant_receipts_by_natural_language_query


✓

search_relevant_receipts_by_natural_language_query

Type a Message...







SESSION ID de467d1f-fee6-4859-8a0c-5a9f50575cee

Token Streaming

+ New Session

⚡

search_relevant_receipts_by_natural_language_query

⚡

search_relevant_receipts_by_natural_language_query

✓

search_relevant_receipts_by_natural_language_query

✓

search_relevant_receipts_by_natural_language_query

⚡

store_receipt_data

⚡

store_receipt_data

✓

store_receipt_data

✓

store_receipt_data

THINKING PROCESS

The user wants to store the provided receipt images. I have extracted the following information from the first receipt (IMAGE-ID 14c67fadc8fc):

- Store Name: Indomaret
- Transaction Time: 2023-12-04T12:18:00
- Total Amount: 19000
- Currency: IDR
- Purchased Items: INDOMI GORENG SPC 80 (2 @ 4000), INDOMI SOTO MIE 70GR (2 @ 3000), INDOMI JMB AYM PG127 (1 @ 5000)

I have extracted the following information from the second receipt (IMAGE-ID 4dabf14fa975):

- Store Name: Penang Bistro
- Transaction Time: 2023-12-01T20:13:33
- Total Amount: 694430
- Currency: IDR
- Purchased Items: SINGAPORE SOTONG (1 @ 81000), MANGO CHICKEN (1 @ 84000), NASI PUTIH (2 @ 17000), NYONYA NASI LEMAK (1 @ 79000), PENANG MEE SHUA (1 @ 72000), ICE TEA (1 @ 15000), AQUA REFLECTIONS (1 @ 35000), TEH TARIK (1 @ 35000), HOT TEA (1 @ 19000), FRIED MANTOU (1 @ 31000), MAYONNAISE SHRIMP (1 @ 96000)

I have already used `search_relevant_receipts_by_natural_language_query` for both receipts, and the tool output indicated no relevant results, which means these receipts are likely new and can be stored. Now I will use the `store_receipt_data` tool to store both receipts.

FINAL RESPONSE

The receipts have been successfully stored!

Give breakdown of expenses and its total during 2023:

⚡

search_receipts_by_metadata_filter

✓

search_receipts_by_metadata_filter

THINKING PROCESS

The user asked for a breakdown of expenses and its total during 2023. I have already retrieved the receipts for the year 2023 using the `search_receipts_by_metadata_filter` tool. The results contain two receipts: one from "Penang Bistro" and one from "Indomaret". Now, I will process these results to provide the requested breakdown:

1. Extract relevant data: From each receipt, I need the `Store Name` and `Total Amount`.
2. Calculate total per store: Sum up the `Total Amount` for each unique `Store Name`.
3. Calculate grand total: Sum up all `Total Amount` values to get the overall total for 2023.
4. Format the output: Present the breakdown per store and the grand total in a clear and readable format.

Let's break down the retrieved data:

Receipt 1 (Penang Bistro):

- Store Name: Penang Bistro
- Total Amount: 694430 IDR

Receipt 2 (Indomaret):

- Store Name: Indomaret
- Total Amount: 19000 IDR

Now, let's calculate the totals:

- Penang Bistro Total: 694430 IDR
- Indomaret Total: 19000 IDR
- Grand Total: 694430 + 19000 = 713430 IDR

FINAL RESPONSE

Here is a breakdown of your expenses for the year 2023:

Expense Breakdown (2023):

- Penang Bistro: 694,430 IDR
- Indomaret: 19,000 IDR

Total Expenses for 2023: 713,430 IDR

Give me receipt file from Indomaret

THINKING PROCESS

The user is requesting the receipt file from Indomaret. I have identified the image ID for the Indomaret receipt from the previous interactions. The image ID is 14c67fad8fc. I will now provide this image ID in the specified JSON format.

FINAL RESPONSE

Here is the receipt file for Indomaret:

```
{  "attachments": [    "[IMAGE-ID 14c67fad8fc]"  ]}
```

Integration Test:

Give me monthly expense breakdown during 2023-2024

Thinking Process

I noticed that there were duplicate entries in the search results (e.g., two entries for "Penang Bistro" and "Indomaret" with different total amounts for the same transaction time). I have identified the correct total amounts from the recently stored receipts and excluded the incorrect or older duplicate entries from the calculation to ensure accuracy.

Here is the breakdown of expenses by month for the years 2023 and 2024 based on the provided receipts:

Here is your monthly expense breakdown for 2023-2024 based on the receipts you have stored:

December 2023:

- Penang Bistro: IDR 694.43
- HOME CENTER INDONESIA: IDR 749.00
- ACE HARDWARE INDONESIA: IDR 188.60
- FORE COFFEE: IDR 29.00
- Indomaret: IDR 19.00
- Uji Matcha: IDR 58.30
- Dapur Clanjur: IDR 38.50
- The Pancake.Co: IDR 378.40
- Little Contrast: IDR 232.00

Total for December 2023: IDR 2387.23

January 2024:

- Yakiniku Like Grand Indonesia: IDR 338.77

Total for January 2024: IDR 338.77

January 2024:	
Yakiniku Like Grand Indonesia: IDR 338.77	
Total for January 2024: IDR 338.77	
April 2024:	
Susu Sual: IDR 88.50	
Djournal: IDR 56.00	
Total for April 2024: IDR 144.50	

Show me receipt for coffee transaction

Thinking Process

4. FORE COFFEE: Purchased items include "Es Kopi Susu Little Contrast", which is a coffee drink.

3. Uji Matcha: Purchased items include "Ice Cream Matcha Latte" and "Matcha Takeaway". While matcha is tea-based, "matcha latte" is often served in coffee shops and can be considered a similar beverage transaction.

4. Little Contrast: Purchased items include "Es Kopi Susu Cinnamon", "Es Kopi Susu Little Contrast", and "Ice Honey Latte", which are coffee/latte drinks.

The receipt from "Yakiniku Like Grand Indonesia" is for food items (Yakiniku and Ocha) and is not relevant to coffee. Therefore, it will be excluded.

Here are the receipts related to coffee transactions:

Store Name: DJournal

Transaction Time: 2024-04-22T13:59:00

Total Amount: 56.0 IDR

Purchased Items:

◦ Salted Caramel Latte (1x, 49.0 IDR)

◦ Large Milk Iced Salted Crml (1x, 7.0 IDR)

Receipt Image ID: 658fedd3ce8fc2859ae874712bffa2a

Store Name: FORE COFFEE

Transaction Time: 2023-12-03T13:41:00

Total Amount: 29.0 IDR

Store Name: Uji Matcha

Transaction Time: 2023-12-06T12:47:00

Total Amount: 58.3 IDR

Purchased Items:

◦ Ice Cream Matcha Latte (1x, 53.0 IDR)

◦ Matcha Takeaway (1x, 5.3 IDR)

Receipt Image ID: 8f597c95debee5a3622a41ed9f7e5465

Store Name: Little Contrast

Transaction Time: 2023-12-17T09:51:00

Total Amount: 232.0 IDR

Purchased Items:

◦ BOGS (Burger Of The Day) (1x, 50.0 IDR)

◦ American Cheeseburger (1x, 42.0 IDR)

◦ French Fries (1x, 35.0 IDR)

◦ Es Kopi Susu Cinnamon (1x, 35.0 IDR)

◦ Earlgrey Milk Tea (1x, 35.0 IDR)

◦ Es Kopi Susu Little Contrast (1x, 35.0 IDR)

◦ Ice Honey Latte (1x, 35.0 IDR)

Receipt Image ID: 82921f79968a75312af017c5209395c6

Give me receipt file from Yakiniku Like

FINAL RESPONSE

Here is the receipt file from Yakiniku Like: