

Supermarket Assistant Chatbot - User Guide

Welcome to Your AI Shopping Assistant!

This comprehensive user guide will help you effectively utilize the Supermarket Assistant Chatbot to quickly and easily locate products and their shelf locations.









Getting Started

System Requirements

- Modern web browser (Chrome, Firefox, Safari, or Edge)
- Internet connection for NLP processing
- JavaScript enabled





Accessing the Chatbot

1. Open the index.html file in your web browser (Just double-click on index.html)
2. Wait for the system to initialize (you'll see a welcome message)
3. The input field at the bottom is ready for your shopping requests

	.vscode	9/13/2025 2:57 PM	File folder	
	.gitattributes	9/9/2025 11:06 PM	Text Document	1 KB
	index	9/13/2025 3:17 PM	Brave HTML Docu...	4 KB
	package	9/13/2025 12:31 PM	JSON Source File	1 KB
	README	9/13/2025 3:37 PM	Markdown Source ...	8 KB
	script	9/13/2025 3:26 PM	JavaScript File	20 KB
	style	9/13/2025 3:57 PM	Cascading Style Sh...	16 KB
	User-guide	9/13/2025 3:44 PM	Microsoft Word D...	26 KB

How to Use the Chatbot

Interface Overview

-   **Smart Assistant:** AI responds with helpful information
-   **You:** Your messages and requests
- **Input Field:** Type your shopping lists here
- **Send Button:** Submit your requests
- **Results Section:** View organized shopping lists with shelf numbers

Basic Usage Steps

1. Start a conversation

- Type a greeting like "hello" or "hi"
- Or jump straight to your shopping list



2. Enter your shopping list

- Type items in natural language
- Use commas, "and", or simple sentences

3. View the results

- See shelf locations for each item
- Review items that weren't found

4. Save your list

- Click " Save Transaction" to download a text file
- Use " Clear Results" to start over

Input Examples

The chatbot understands natural language and can handle various input styles:

Recommended Input Formats

Simple Lists:

- "apples, milk, bread"
- "tomatoes and cheese"
- "eggs, rice, shampoo"

Natural Sentences:

- "I need apples, milk, and bread"
- "I want to buy tomatoes and cheese"
- "Where can I find eggs, rice, and shampoo?"
- "Can you help me locate chicken and pasta?"
- "I'm looking for detergent and soap"

Question Format:

- "Do you have oranges and yogurt?"
- "Where are the cookies and juice?"

Conversational:

- "Hello! I need some groceries"
- "Hi there, where can I find bananas?"
- "Good morning! I want chocolate and nuts"



Sample Interactions

Example 1: Basic Greeting

You: Hi


Smart Assistant: Hi! 😊 Great to see you! What items are you looking for in our store?

Example 2: Simple Shopping List

You: I need apples, milk, and bread

Smart Assistant: I found 3 item(s) in our store:

- Apples → Shelf 1
- Milk → Shelf 2
- Bread → Shelf 3

 **Your Smart Shopping List**

3 Items

3 Found

0 Missing

Apples

Shelf 1

Milk

Shelf 2

Bread

Shelf 3

Save Transaction

Clear Results

Example 3: Mixed Results with Misspellings


You: I want aples and spicy food

Smart Assistant: I found 1 item(s) in our store:

- Apples → Shelf 1

Sorry, I couldn't locate these items:

- Spicy (not found)
- Food (not found)

 **Your Smart Shopping List**

3 Items

1 Found

2 Missing

Apples

Shelf 1

Spicy

Not Found

Food


Not Found

Save Transaction

Clear Results










Example 4: Help Request

You: Can you help

Smart Assistant: Absolutely!  I can help you locate any products in our store. What are you looking for?


Store Layout Guide

Our supermarket is organized into 10 main shelf areas:

Shelf	Category	Products
Shelf 1	 Fresh Produce	Apples, Bananas, Tomatoes, Potatoes, Carrots, Lettuce
Shelf 2	 Dairy Products	Milk, Cheese, Butter, Yogurt, Eggs, Cream
Shelf 3	 Bakery	Bread, Cakes, Cookies, Muffins, Bagels, Croissants
Shelf 4	 Meat & Seafood	Chicken, Beef, Fish, Salmon, Shrimp, Turkey
Shelf 5	 Cleaning Supplies	Detergent, Soap, Shampoo, Toothpaste, Tissues
Shelf 6	 Pantry Items	Rice, Pasta, Flour, Sugar, Salt, Oil, Honey
Shelf 7	 Canned Goods	Beans, Soup, Corn, Tomato Sauce, Pickles
Shelf 8	 Beverages	Water, Juice, Coffee, Tea, Cola, Wine
Shelf 9	 Frozen Foods	Ice Cream, Frozen Pizza, Frozen Vegetables
Shelf 10	 Snacks	Chips, Chocolate, Nuts, Crackers, Popcorn

Saving Your Shopping List

Transaction File Features

When you click " Save Transaction", you'll get a detailed text file containing:

- **Transaction ID:** Unique identifier
- **Date & Time:** When the list was generated

- **Complete Item List:** All requested items with shelf numbers
- **Store Layout:** Reference guide for all shelf categories
- **System Info:** Generated by Supermarket Assistant

Tips for Best Results

Do This:


- **Use common product names** (apple instead of "Granny Smith apple")
- **Try different spellings** if something isn't found
- **Use both singular and plural** forms (apple/apples both work)
- **Start with greetings** for a friendlier experience
- **Ask for help** if you're unsure what to do
-

Avoid This:

- Very specific brand names ("Coca-Cola" → use "cola" or "soda")
- Complex descriptions ("organic free-range eggs" → use "eggs")
- Extremely long sentences (break into smaller parts)
- Special characters or symbols in product names

Managing Your Session

Starting Fresh

- Use " Clear Results" to remove current shopping list
- Type "hello" to restart the conversation
- Refresh the browser page for a complete reset

Multiple Searches

- You can perform multiple searches in one session
- Each new search updates your shopping list
- Save function always uses the most recent results

Getting Help

- Type "help" anytime for assistance
- Try example queries shown in the interface
- Use simple, clear language for best results

Advanced Features

Debug Functions

For technical users, open the browser console and try:

- `testGreeting("hello")` - Test greeting detection
- `testFuzzy("aples")` - Test spell correction

Keyboard Shortcuts

- **Enter:** Send message (same as clicking Send button)
- **Refresh Page:** Complete system restart

Getting Support

If You Need Help:

1. **Type "help"** in the chatbot for quick assistance
2. **Try the example queries** provided in the interface
3. **Check this user guide** for detailed instructions
4. **Refresh the page** if something seems broken

Quick Start Checklist

- Open the chatbot in your browser
- Try saying "hello" to test the greeting system
- Enter a simple shopping list like "apples, milk, bread"
- Check the shelf locations in the results
- Save your transaction using the save button
- Try a misspelled word to test spell correction

Enjoy your smart shopping experience!

The Supermarket Assistant Chatbot combines advanced NLP technology with a user-friendly design to make your shopping planning effortless and efficient.