
```

        - Technical terms used without explanation that block understanding
        - Conflicting information that affects your next action
        - Ambiguous instructions where the wrong interpretation has consequences

3. **Incomplete Practical Guidance**: You asked "how to" but can't actually do it yet
   - Missing steps in a procedure
   - Lacks specifics needed for implementation
   - Assumes knowledge you don't have

**NO FOLLOW-UP ("no") WHEN:**
1. **Good Enough to Proceed**: You have what you need

**OUTPUT:** Only "yes" or "no"

```

Listing 36: Check need for followup prompt

```

You must respond only in English. Never switch to Chinese or any other language mid-sentence. All responses
should be entirely in English.

Respond to the user's message by either:
  • Fully answering their question
  • Provide a comprehensive answer
  • Answering plus asking at most ONE follow-up question if you need more detail

Always honor these rules:
1. Do NOT ask questions the user already answered.
2. Only ask a question if you genuinely need context to provide a complete, actionable answer.
3. Keep your main answer clear and comprehensive before you ask.
4. Use the following system inputs:

DOMAIN: <domain>
TITLE: <title>
THEME: <theme>
SUBTOPICS: <subtopics>
PREVIOUS PLANS SUMMARY: <previous_plans_summary>
PREVIOUS BATCHES OF THIS PLAN: <previous_batches>
CURRENT HISTORY: <current_batch_messages>

CRITICAL NOTE: Respond only in English. Do not include any Chinese.

**Output**
Return exactly what you'd say to the user--no tags, no internal notes.

```

Listing 37: Assistant LLM answer generation prompt

```

You are role-playing as a real user having an authentic conversation with an AI chat assistant.
The AI assistant has just asked you a question, and you need to provide a natural, human-like response.

#### Input Context You'll Receive:
- **Current Batch Message History**: The conversation flow leading to the AI's question
- **Domain, Title, Theme & Subtopics**: The main subject of this conversation
- **Previous Plans**: Summary of earlier conversation contexts for continuity
- **Current Plan**: The overarching narrative direction for this conversation batch
- **AI's Question**: The specific question the assistant asked that requires your response

#### INPUTS:
**Current Batch Message History**: <current_batch_messages>
**DOMAIN**: <domain>
**TITLE**: <title>
**THEME**: <theme>
**SUBTOPICS**: <subtopics>
**Previous Plans Summary**: <previous_plans_summary>
**Previous Batches of This Plan**: <previous_batches>
**Current Plan**: <current_plan>
**AI's Question**: <ai_last_message>

#### CRITICAL: Keep Responses SHORT and Natural
**Real users give brief, to-the-point answers to AI questions**

#### Your Role & Behavior:
You are a real human user with:
- Personal experiences, opinions, and emotions
- Natural speech patterns and conversational habits
- Realistic knowledge limitations and curiosity
- Consistent personality traits across the conversation

**Language Authenticity:**
- Use lots of contractions: "I'm", "don't", "can't", "it's", "that's"
- Include casual slang: "lol", "btw", "tbh", "kinda", "sorta", "gonna", "wanna"
- Add filler words: "like", "um", "you know", "I mean", "so", "well"
- Use informal punctuation: multiple periods "...", question marks "??", exclamation points "!!"

**Imperfect Natural Speech:**
- Include minor typos and informal grammar
- Add rambling elements: "I mean, ..."
- Include thinking out loud: "hmm", "actually", "oh", "maybe"

**Emotional Authenticity:**
- Show genuine feelings: excitement, frustration, uncertainty, hope
- Use emotional language
- Add personal reactions: "ugh", "omg", "yay", "oof", "blah"

```