Questions:  
1. What were the most controversial things said yesterday on the sports channels?

2. Was violence discussed yesterday in any of the channels?

3. Summarize all shows that discussed Trump's peace efforts

4. Find the top 3 suspicious clips from yesterday and email me the alerts. (2 Agents: Actus & Gmail) **//Multi Agent**

5. Alert me if anything emotional and politically sensitive happened on CNN today **//Multi Agent**

6. show me all alerts from CNN yesterday

7. What were the most controversial things said yesterday on the sports channels?

8. Were there any angry reactions to the Prime Minister speech on news channels last night?

9. Summarize all CNN segments on July 30th where alerts were triggered and show their emotional tone.

→ Intents: summarization + alert\_filter + emotion\_analysis  
demo – **intents**: summarization, emotion\_analysis, keyword\_search, alert\_filter  
demo-**plan**: {

"intent": ["summarization", "emotion\_analysis", "keyword\_search", "alert\_filter"],

"topic": "segments where alerts were triggered",

"channels": ["CNN"],

"date": "July 30th",

"agents": ["SummarizationAgent", "EmotionAnalysisAgent", "KeywordSearchAgent", "AlertFilterAgent"],

"result\_type": "summary"

}  
10. Summarize all coverage of Netanyahu in the alerts and transcripts from July 30th.  
→ Intents: summarization + alert\_filter + transcript\_filter  
  
Absolutely! Here's a **comprehensive summary** of the types of questions and use cases you've discussed for the new **Actus Agent** throughout our previous chats. These questions represent **user queries** that your system would support, using dynamic planning, embeddings, agent dispatch, and GPT-enhanced reasoning.

**🔎 Example User Questions for Actus Agent**

**📺 Transcript Content Queries**

1. **Summarization / Summary Requests**
   * *“Summarize the Prime Minister's speech from yesterday on CNN.”*
   * *“Give me a short overview of today's sports coverage on BBC.”*
   * *“What were the top news topics from July 29th?”*
2. **Emotion & Sentiment Analysis**
   * *“What was the emotional tone of the panel discussion on Al Jazeera last night?”*
   * *“Was there anger or sarcasm in the finance segment this morning?”*
3. **Entity / Keyword Mentions**
   * *“How many times was Trump mentioned today?”*
   * *“Find all mentions of COVID-19 in the 6pm broadcast.”*
   * *“Show every time the phrase ‘interest rate’ was said last week.”*
4. **Fact or Theme Extraction**
   * *“What efforts were discussed regarding Trump’s legal battles?”*
   * *“List all topics related to climate change in the past 48 hours.”*

**🛑 Alerts and Events**

1. **Filtering Based on Alerts**
   * *“Show all alerts sent on July 30th across all channels.”*
   * *“Give me alerts that contain both violence and keywords like ‘protest’ or ‘riot’.”*
   * *“List alert messages triggered between 2pm and 4pm yesterday.”*
2. **Cross-Referencing Alerts & Transcripts**
   * *“What was said in the transcript when the 'Breaking News' alert fired on Fox News at 3pm?”*
   * *“Summarize the events that caused alerts on July 31st.”*

**🔧 Operational / Agent-Level Requests**

1. **Agent-Oriented Actions**
   * *“Run face detection on Channel 12 from 8pm to 9pm.”*
   * *“Detect all key phrases in the entertainment section last night.”*
   * *“What keywords were extracted from today's 6 o’clock news?”*
2. **Multi-Agent Combinations**
   * *“Detect faces and analyze emotions on last night’s BBC News.”*
   * *“Send Gmail alerts if any transcript mentions a security breach.”*

**🔍 Metadata + Logs + Hybrid Sources**

1. **Log-Related Queries**
   * *“Find all error logs where alerts failed to send.”*
   * *“List all log entries from AI jobs between 5pm–7pm.”*
   * *“Did any logs show issues with CNN's transcription pipeline?”*
2. **Non-transcribed Data Handling**

* *“Can I transcribe CNN only when I ask for it?”*
* *“On-demand transcript: summarize what was said on Channel 10 at 10pm.”*

**🧠 Dynamic Capabilities vs Static Structures**

| **Type** | **Examples** | **Notes** |
| --- | --- | --- |
| **Dynamic** | Natural language queries | User doesn’t need to know system structure |
| **Static** | Structured agent prompts, job definitions | You define prompt templates, agent names, etc. |
| **Mixed** | GPT generates a structured plan from free text | System maps user intent to agents & execution |

Would you like me to convert this list into a markdown cheat sheet or document to include in your system or documentation?

Sequences examles  
  
string userQuery = "Summarize all CNN shows...";

// 1. Get embedding for the query

var queryEmbedding = await embeddingProvider.GetEmbeddingAsync(userQuery);

// 2. Search top 5 closest vectors in vector DB

var matches = await vectorDb.SearchAsync(queryEmbedding, topK: 5);

// 3. Get corresponding MongoDB transcripts

var transcripts = await mongoDb.GetTranscriptsByIds(matches.Select(m => m.Id));

// 4. Compose prompt

var prompt = PromptBuilder.BuildSummarizationPrompt(userQuery, transcripts);

// 5. Send to OpenAI Chat Completion API

var answer = await openAiTextAnalysisProvider.GetChatCompletionAsync(prompt);