\*\*Successful Interactions:\*\*  
  
1. \*\*Successful #1\*\*: \*“Hey, Speaker 4. Can you play a video from January 3rd?”\* - The AI successfully played a video and music, indicating proper understanding and execution of the command. - \*Context: Patient M.A. was able to use the AI to play media content, demonstrating effective use of the device for entertainment purposes.\*  
  
2. \*\*Successful #2\*\*: \*“Hey, Speaker 4. Remind me to take Depakote at 7:30 AM tomorrow.”\* - The AI successfully created a reminder for the specified time. - \*Context: Patient M.A. was setting up medication reminders, showing the AI's utility in managing health-related tasks.\*  
  
3. \*\*Successful #3\*\*: \*“Hey, Speaker 4. Where do I find Tylenol?”\* - The AI provided a list of nearby pharmacies, indicating successful location-based query handling. - \*Context: Patient M.A. was inquiring about over-the-counter medication availability, demonstrating the AI's capability in providing local information.\*  
  
4. \*\*Successful #4\*\*: \*“Hey, Speaker 4. What do I use to get a stain out of my clothes?”\* - The AI provided a verbal response with steps to remove stains, indicating successful information retrieval. - \*Context: Patient M.A. was seeking advice on laundry care, showing the AI's role in providing practical household tips.\*  
  
\*\*Breakdowns:\*\*  
  
1. \*\*Breakdown #1\*\*: \*Semantic Error\* - \*“Hey, Speaker 4. Open the Bard app.”\* - The AI misunderstood "Bard" as "Tavern," indicating a failure to recognize the specific app name. - \*Context: Patient M.A.'s caregiver was attempting to access a specific app for reading materials, highlighting a need for improved app name recognition.\*  
  
2. \*\*Breakdown #2\*\*: \*Silent Timeout (TED)\* - \*“Hey, Speaker 4. How do I do my laundry?”\* - The AI provided a visual response without reading the steps aloud, leading to a lack of verbal guidance. - \*Context: Patient M.A. was seeking step-by-step instructions for laundry, indicating a need for verbal assistance in multi-step tasks.\*  
  
3. \*\*Breakdown #3\*\*: \*Alexa Error\* - \*“Hey, Speaker 4. What do I take for stomach pains?”\* - The AI responded with "I don't know that one," indicating a failure to provide any helpful information. - \*Context: Patient M.A. was seeking health advice, highlighting a gap in the AI's ability to offer basic health remedies.\*  
  
4. \*\*Breakdown #4\*\*: \*Syntactic Error\* - \*“Hey, Speaker 4. Tell me how to do my laundry one step at a time.”\* - The AI continued to provide a full paragraph instead of breaking it down into steps, indicating a failure to parse the request for step-by-step guidance. - \*Context: Patient M.A. was attempting to learn a task in manageable steps, showing a need for improved task segmentation.\*  
  
\*\*Contextual Red Flags:\*\*  
  
1. \*\*Red Flag #1\*\*: \*“RT expressed challenges”\* - The caregiver expressed difficulty in integrating the Bard app with the AI, indicating unaddressed prompting friction. - \*Mitigation Strategy: Suggest exploring alternative voice commands or contacting app support for integration solutions.\*  
  
2. \*\*Red Flag #2\*\*: \*“Client hesitates to answer after AI asks, ‘Which lights would you like me to dim?’”\* - This implies a TED delay, suggesting the need for more intuitive follow-up prompts from the AI. - \*Mitigation Strategy: Implement AI prompts that offer examples or suggestions to guide the user in making a decision.\*