\*\*Successful Interactions:\*\*  
  
1. \*\*Successful #1\*\*: [“Hey Alexa, where do I find ibuprofen?” → “CVS Pharmacy 0.8 miles away.”] - [Context: M successfully used Alexa to find a nearby pharmacy for ibuprofen.]  
  
2. \*\*Successful #2\*\*: [“Hey Gemini, how can I treat a migraine?” → “Over the counter pain relievers like ibuprofen or naproxen can help.”] - [Context: M received concise and relevant information from Gemini about treating migraines.]  
  
3. \*\*Successful #3\*\*: [“Hey Gemini, what do I use to get stains out of my clothes?” → “Tomato juice stains can be a bit tricky. First, try blotting up as much of the juice as you can, then rinse the stain in cold water.”] - [Context: M received specific advice on removing tomato juice stains from clothes.]  
  
4. \*\*Successful #4\*\*: [“Hey Gemini, when can I allow my dog to drink water?” → “If your dog hasn't had surgery, then they can have water whenever they seem thirsty.”] - [Context: M received clear guidance on when to allow his dog to drink water.]  
  
\*\*Breakdowns:\*\*  
  
1. \*\*Breakdown #1\*\*: [Semantic Error] - [“Hey Alexa, make a medication list.” → No response from Alexa.] - [Context: M attempted to create a medication list with Alexa, but the command was not recognized or executed.]  
  
2. \*\*Breakdown #2\*\*: [Silent Timeout (TED)] - [“Hey Alexa, what are the indications to get my dog drink water?” → Alexa provided too much information, leading to confusion.] - [Context: M was unable to process the extensive information provided by Alexa.]  
  
3. \*\*Breakdown #3\*\*: [Alexa Error] - [“Hey Alexa, show me my medication list.” → No verbal response, only visual display.] - [Context: M expected a verbal response from Alexa, but it only displayed the list on the screen.]  
  
4. \*\*Breakdown #4\*\*: [Syntactic Error] - [“Hey Gemini, what am I wearing?” → “I can't tell what you're wearing from here.”] - [Context: M attempted to use Gemini to identify clothing, but the phrasing or system capability led to a failure in response.]  
  
5. \*\*Breakdown #5\*\*: [Silent Timeout (TED)] - [“Hey Siri, where do I find ibuprofen in Rancho Cucamonga?” → “I don't know where you are.”] - [Context: Siri failed to provide location-based information due to a location services issue.]  
  
\*\*Contextual Red Flags:\*\*  
  
1. \*\*Red Flag #1\*\*: [“RT expressed challenges”] - [Context: M experienced difficulty with Alexa's extensive responses, indicating a need for more concise information delivery.]  
  
2. \*\*Red Flag #2\*\*: [“Clinician provided a model for Gemini”] - [Context: M required guidance on using Gemini effectively, suggesting a need for improved user training or system prompts.]  
  
\*\*Mitigation Strategies:\*\*  
  
- For \*\*Semantic Errors\*\*: Provide clearer prompts or alternative phrasing suggestions to help users articulate their needs more effectively.  
- For \*\*Silent Timeouts\*\*: Implement follow-up prompts or confirmations to ensure users receive the information they need without overwhelming them.  
- For \*\*Alexa Errors\*\*: Enhance speech recognition capabilities and provide feedback mechanisms to improve user experience.  
- For \*\*Contextual Red Flags\*\*: Develop training modules or interactive guides to help users navigate AI systems more effectively, reducing friction and improving satisfaction.